

**PODER EJECUTIVO****SECRETARIA DE MEDIO AMBIENTE Y RECURSOS NATURALES**

**DECRETO** que reforma, deroga y adiciona diversas disposiciones del Decreto por el que se determinan como zonas de reserva y sitios de refugio para la protección, conservación, repoblación, desarrollo y control, de las diversas especies de tortuga marina, los lugares en que anida y desova dicha especie, publicado el 29 de octubre de 1986, para establecer las previsiones acordes a los santuarios de tortugas marinas.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Presidencia de la República.

**ANDRÉS MANUEL LÓPEZ OBRADOR**, presidente de los Estados Unidos Mexicanos, en ejercicio de la facultad que me confiere el artículo 89, fracción I, de la Constitución Política de los Estados Unidos Mexicanos, con fundamento en los artículos 4o., párrafo quinto, y 27, párrafo tercero, de la propia Constitución; 1o., fracciones I, IV y VI, 2o., fracción II, 3o., fracciones XXV y XXVI, 5o., fracción VIII, 6o., 15, fracciones I, III, V, VI y IX, 44, 45, 46, fracción VIII, y párrafos segundo, quinto y sexto, 47, 47 BIS, 47 BIS 1, 49, 55, 57, 58, 60, 61, 62, 63, 64, 74 y 161 de la Ley General del Equilibrio Ecológico y la Protección al Ambiente; 29, fracción X, 30, fracción XXII y 34, fracción III, inciso e, de la Ley General de Cambio Climático; 4o. y 60 Bis 1, párrafo primero, de la Ley General de Vida Silvestre; 13, 30, fracción XXV, 32 BIS, fracciones VI y VII, y 35, fracción XXI, inciso b, de la Ley Orgánica de la Administración Pública Federal, y

**CONSIDERANDO**

Que el artículo 4o., párrafo quinto, de la Constitución Política de los Estados Unidos Mexicanos establece que “Toda Persona tiene el derecho a un ambiente sano para su desarrollo y bienestar”, y que “El Estado garantizará el respeto a este derecho”;

Que el artículo 27, párrafo tercero, de la propia Constitución, establece que “La Nación tendrá en todo tiempo el derecho de imponer a la propiedad privada las modalidades que dicte el interés público”, y que el Estado dictará las medidas necesarias para establecer reservas y destinos de tierras, aguas y bosques para preservar y restaurar el equilibrio ecológico, así como evitar la destrucción de los elementos naturales y los daños que la propiedad pueda sufrir en perjuicio de la sociedad;

Que la Ley General del Equilibrio Ecológico y la Protección al Ambiente tiene por objeto propiciar el desarrollo sustentable, establecer las bases para la preservación y protección de la biodiversidad, así como el establecimiento y administración de las áreas naturales protegidas, para lo cual se entiende por preservación, el conjunto de políticas y medidas para mantener las condiciones que propicien la evolución y continuidad de los ecosistemas; así como conservar las poblaciones viables de especies silvestres y los componentes de la biodiversidad fuera de su hábitat natural;

Que el artículo 3o., fracción XXVI, de la referida ley señala que la prevención es el conjunto de disposiciones y medidas anticipadas para evitar el deterioro del medio ambiente;

Que, de conformidad con la Ley General de Cambio Climático, el establecimiento de las áreas naturales protegidas constituye una acción de adaptación para enfrentar los efectos adversos del cambio climático, toda vez que la protección y conservación de los ecosistemas y su biodiversidad reducen la vulnerabilidad de la población e incrementan su resiliencia, además de favorecer la adaptación de la biodiversidad al cambio climático, lo que incluye a especies en riesgo. Asimismo, la preservación de las áreas naturales protegidas constituye una acción de mitigación del cambio climático;

Que el Plan Nacional de Desarrollo 2019-2024, en su Eje General II. “Política Social”, apartado “Desarrollo Sostenible”, establece que el Gobierno de México está comprometido a impulsar el desarrollo sostenible, evidenciado como un factor indispensable del bienestar, mismo que resume insoslayables mandatos éticos, sociales, ambientales y económicos que deben ser aplicados en el presente para garantizar un futuro mínimamente habitable y armónico;

Que el “Decreto por el que se determinan como zonas de reserva y sitios de refugio para la protección, conservación, repoblación, desarrollo y control, de las diversas especies de tortuga marina, los lugares en que anida y desova dicha especie”, publicado el 29 de octubre de 1986 en el Diario Oficial de la Federación (DOF) determinó como zonas de reserva y sitios de refugio los lugares adyacentes a las playas siguientes: Playa de Rancho Nuevo, en el estado de Tamaulipas; Playa adyacente a la localidad denominada Río Lagartos, en el

estado de Yucatán; Playa de la Isla Contoy, en el estado de Quintana Roo; Playa Ceuta y Playa el Verde Camacho, en el estado de Sinaloa; Playa de Mismaloya, Playa Teopa, Playa Cuitzmala y Playa El Tecuán, en el estado de Jalisco; Playa de Maruata y Colola, y Playa Mexiquillo, en el estado de Michoacán de Ocampo; Playa Piedra de Tlacoyunque y Playa de Tierra Colorada, en el estado de Guerrero; Playa de la Bahía de Chacahua y Playa de Escobilla, en el estado de Oaxaca; y Playa de Puerto Arista, en el estado de Chiapas;

Que entre las razones por las que se declararon zonas de refugio las playas arenosas mencionadas, se encuentra el que deben preservarse las condiciones de las playas usadas por las tortugas marinas para la anidación y reproducción;

Que el "Decreto que declara Parque Nacional "Lagunas de Chacahua", los terrenos de la costa occidental del Estado de Oaxaca, que el mismo limita" publicado en el DOF el 9 de julio de 1937, declaró parque nacional dicha región, así como las lagunas de Tianguisito o de Las Salinas, Chacahua y Pastoría, que comprende los bosques de Charco Redondo, del estado de Oaxaca, mismos que son lugares de excepcional belleza y, por consiguiente, un poderoso atractivo para el turismo. El parque nacional es colindante y se superpone en parte con el Santuario Playa de la Bahía de Chacahua;

Que el "Decreto por el que se declara área natural protegida con el carácter de reserva de la biosfera, la región conocida como Chamela-Cuixmala, ubicada en el Municipio de La Huerta, Jal." publicado en el DOF el 30 de diciembre de 1993, y su posterior decreto de reforma al artículo 1o., publicado en el mismo medio de difusión el 25 de noviembre de 1994, declaró como área natural protegida con el carácter de reserva de la biosfera dicha región, en la cual se localiza el Río Cuitzmala y abarca una serie de frágiles lagunas, venas y esteros asociados, que representan un hábitat único en la región. Esta área natural protegida es colindante y se traslapa de forma parcial con los Santuarios Playas Teopa y Cuitzmala;

Que el "Decreto por el que se declara área natural protegida, con el carácter de parque nacional, la región denominada Isla Contoy, y la porción marina que la circunda, con una superficie total de 5,126-25-95 hectáreas" publicado en el DOF el 2 de febrero de 1998, declaró como área natural protegida con el carácter de parque nacional dicha región, ya que reúne condiciones naturales excepcionales, porque es el punto terminal del sistema de arrecifes que bordea la costa oriental de la Península de Yucatán. Dicho parque nacional es colindante y se superpone de manera parcial con el Santuario Playas de la Isla Contoy;

Que el "Decreto por el que se declara área natural protegida, con el carácter de reserva de la biosfera, la región denominada Ría Lagartos, ubicada en los municipios de San Felipe, Río Lagartos y Tizimín en el Estado de Yucatán, con una superficie total de 60,347-82-71 hectáreas" publicado en el DOF el 21 de mayo de 1999, declaró área natural protegida con el carácter de reserva de la biosfera dicha región, en la que sus humedales son un ejemplo único en el mundo y el primer humedal mexicano de importancia internacional, ya que contienen un número importante de especies vegetales o animales raras, vulnerables o en peligro de extinción; soporta un gran número de parejas anidantes de aves acuáticas, tales como el flamenco rosa del caribe, y sus playas son reconocidas por ser una de las principales zonas de anidación de tortuga carey y tortuga blanca. Esta reserva de la biosfera es contigua y se traslapa de manera parcial con el Santuario Playa Ría Lagartos;

Que las tortugas marinas son organismos biológicamente importantes en el planeta, por tratarse de seres vivos que han permanecido a lo largo de millones de años y han superado los cambios drásticos en los ecosistemas durante su evolución, a pesar de ser especies de quelonios a los que les toma un prolongado tiempo crecer y alcanzar la edad de primera reproducción, que es de 15 a 50 años, por lo que sus poblaciones se incrementan a un ritmo en extremo lento y enfrentan amenazas como la degradación y destrucción del hábitat de anidación, captura de hembras en playas, saqueo de nidos, entre otras;

Que las tortugas marinas cumplen funciones ecológicas muy importantes, ya que transportan energía de hábitats marinos altamente productivos, como áreas de pastos marinos a hábitats pobres de energía como playas arenosas, contribuyen a regular la dinámica poblacional de otras especies, tanto en su papel de depredador como en el de presa, lo que mantiene el equilibrio en la red trófica de la que forma parte;

Que las tortugas marinas que anidan y desovan en las playas arenosas arriba señaladas pertenecen a las especies golfina o escamosa del Pacífico (*Lepidochelys olivacea*); laúd (*Dermochelys coriacea*); carey (*Eretmochelys imbricata*); tortuga negra, tortuga prieta o tortuga verde (*Chelonia mydas*); caguama (*Caretta caretta*) y escamosa del Atlántico o lora (*Lepidochelys kempii*), catalogadas en peligro de extinción, de conformidad con la "Modificación del Anexo Normativo III, Lista de especies en riesgo de la Norma Oficial

Mexicana NOM-059-SEMARNAT-2010, Protección ambiental-Especies nativas de México de flora y fauna silvestres-Categorías de riesgo y especificaciones para su inclusión, exclusión o cambio-Lista de especies en riesgo, publicada el 30 de diciembre de 2010", publicada en el DOF el 14 de noviembre de 2019;

Que el 16 de julio de 2002 se publicó en el DOF el "Acuerdo por el que se determinan como áreas naturales protegidas, con la categoría de santuarios, a las zonas de reserva y sitios de refugio para la protección, conservación, repoblación, desarrollo y control de las diversas especies de tortuga marina, ubicadas en los estados de Chiapas, Guerrero, Jalisco, Michoacán, Oaxaca, Sinaloa, Tamaulipas y Yucatán, identificadas en el decreto publicado el 29 de octubre de 1986";

Que los santuarios son aquellas áreas que se establecen en zonas caracterizadas por una considerable riqueza de flora o fauna, o por la presencia de especies, subespecies o hábitat de distribución restringida, que abarcan unidades topográficas o geográficas que requieren ser preservadas o protegidas;

Que el referido decreto presidencial de 1986 determinó las coordenadas extremas y longitud de las playas protegidas y aunque no delimitó ni expresó en hectáreas la superficie, sí proporcionó elementos técnicos básicos que han permitido a la autoridad identificar los límites y ubicación de los polígonos conformados por estos. Sin perjuicio de lo anterior, se considera necesario actualizar esos elementos técnicos aplicando herramientas tecnológicas de medición actuales con el fin de precisar la descripción analítico topográfica con vértices georreferenciados, coordenadas ortogonales, rumbos y distancias, que no estaban disponibles en la época en que se expidió dicho decreto, lo que proporciona una mayor certeza jurídica para los colindantes de los santuarios y para la propia autoridad federal responsable de su administración;

Que, tal como lo disponen las fracciones I, II y III del artículo 60 de la Ley General del Equilibrio Ecológico y la Protección al Ambiente, resulta indispensable incluir, con estricto apego al marco jurídico vigente, la delimitación precisa de dichos santuarios referidos en el presente decreto, señalar la superficie, ubicación, deslinde y, en su caso, la zonificación correspondiente, las modalidades a que se sujetará dentro de las áreas, el uso o aprovechamiento de los recursos naturales en general o específicamente de aquellos sujetos a protección, la descripción de actividades que podrán llevarse a cabo en los santuarios, y las modalidades y limitaciones a que se sujetarán;

Que, de conformidad con lo previsto en el artículo 58 de la Ley General del Equilibrio Ecológico y la Protección al Ambiente, la Secretaría de Medio Ambiente y Recursos Naturales, por conducto de la Comisión Nacional de Áreas Naturales Protegidas, realizó el estudio previo justificativo para modificar el decreto de 1986 mencionado, el cual se puso a consideración del público en general, mediante aviso publicado en el DOF el 5 de junio de 2018;

Que durante el periodo en el cual estuvo a disposición del público en general el estudio señalado en el párrafo anterior, la Comisión Nacional de Áreas Naturales solicitó la opinión de los gobiernos de los estados de Chiapas, Guerrero, Jalisco, Michoacán de Ocampo, Oaxaca, Quintana Roo, Sinaloa, Tamaulipas y Yucatán, así como de los municipios correspondientes: Culiacán, Elota, San Ignacio, Mazatlán y El Rosario, en el estado de Sinaloa; Cabo Corrientes, Tomatlán y La Huerta, en el estado de Jalisco; Aquila en el estado de Michoacán de Ocampo; Tecpan de Galeana, Marquelia y Cuajinicuilapa, en el estado de Guerrero; Villa de Tututepec, Santiago Jamiltepec y Santa María Tonameca, en el estado de Oaxaca; Tonalá en el estado de Chiapas; Isla Mujeres en el estado de Quintana Roo; Tizimín, Río Lagartos y San Felipe, en el estado de Yucatán, y Soto la Marina y Aldama, en el estado de Tamaulipas; a dependencias de la Administración Pública Federal que por sus atribuciones tienen intervención en las actividades que se desarrollan dentro de las citadas áreas naturales protegidas; a organizaciones de la sociedad civil; a los ejidos y comunidades; a personas físicas y morales interesadas, así como a universidades y centros de investigación;

Que en el estudio previo justificativo se documenta la existencia de sitios de anidación localizados en zonas federales, playas y dunas fuera de los límites de doce santuarios, los cuales son importantes en términos del número de nidadas, arribazones y eclosiones, lo que hace necesario incorporarlas a los santuarios con la finalidad de proteger la totalidad de los sitios de anidación;

Que durante la realización del estudio previo justificativo se observó la necesidad de incluir en los santuarios porciones de ecosistemas de manglar y dunas en buen estado de conservación que actualmente no forman parte de los mismos, en virtud de que constituyen ecosistemas importantes para la anidación, alimentación o desarrollo del ciclo biológico de las tortugas marinas;

Que las playas y las dunas mantienen una estrecha relación entre ellas y conforman el sistema playa-duna, considerados ecosistemas en extremo dinámicos y ricos en flora y fauna. Las dunas son importantes para estabilizar la línea de costa y evitar o reducir la pérdida de playas, además, facilitan la retención de agua y la infiltración al subsuelo, lo que a su vez regula y mantiene la temperatura, factores altamente importantes para la anidación de las tortugas marinas;

Que las dunas costeras constituyen la primera franja de vegetación y, junto con los manglares, que son uno de los ecosistemas más productivos del mundo, constituyen una de las principales barreras contra los procesos erosivos del ambiente y desempeñan un papel importante como amortiguador contra los vientos y oleajes fuertes, lo que ayuda a conservar el sistema playa-duna, que constituye el hábitat de anidación de tortugas;

Que con los ajustes realizados para el establecimiento y precisión de los polígonos de las áreas naturales protegidas con la categoría de santuarios para incluir superficies de anidación actualmente sin protección y zonas en buen estado de conservación relevantes para el desarrollo de las tortugas marinas, los límites de los santuarios y las superficies protegidas se modificaron; asimismo, resultó indispensable modificar los nombres de los santuarios conforme a la denominación reconocida por las comunidades locales y al análisis técnico realizado por la Comisión Nacional de Áreas Naturales Protegidas, para quedar como sigue: Playa Rancho Nuevo, Playa Ría Lagartos, Playa Mismaloya, Playa Colola, Playa Maruata, Playa Tierra Colorada, Playa Chacahua, Playa Escobilla, Playa Puerto Arista, y para el caso de la Playa el Verde Camacho, se modifica la denominación a Playa Huizache Caimanero;

Que es necesario reconocer como santuario a la Playa de la Isla Contoy, la cual fue determinada como zona de reserva y sitio de refugio para la protección, conservación, repoblación, desarrollo y control de las diversas especies de tortuga marina en el multicitado decreto de 1986, toda vez que en la misma ocurren anidaciones relevantes de dicha especie. Asimismo, resulta indispensable modificar su nombre conforme al análisis técnico realizado por la Comisión Nacional de Áreas Naturales Protegidas para quedar como Playas de Isla Contoy;

Que, del análisis de la información técnica descrita en los párrafos precedentes y en atención a las razones que motivaron la expedición del decreto publicado en el DOF el 29 de octubre de 1986; las condiciones sociales y económicas existentes dentro y fuera de las áreas naturales protegidas y la necesidad de proteger las mencionadas áreas bajo esquemas que garanticen la preservación de sus elementos naturales y de los servicios ambientales que proporcionan, así como que la Secretaría de Medio Ambiente y Recursos Naturales, por conducto de la Comisión Nacional de Áreas Naturales Protegidas, ratifica que es técnicamente adecuada la categoría de santuarios asignada, y

Que en virtud de lo anterior, la Secretaría de Medio Ambiente y Recursos Naturales propuso al Ejecutivo Federal modificar la extensión de las áreas naturales protegidas contenidas en el decreto publicado en el DOF el 29 de octubre de 1986, así como modificar y adicionar diversas disposiciones al mismo, he tenido a bien expedir el siguiente

#### DECRETO

**ÚNICO.-** Se **reforman** los artículos primero, segundo, cuarto, quinto, octavo, décimo primero y décimo segundo; se **derogan** los artículos tercero, sexto, séptimo, noveno, décimo y décimo tercero; y se **adicionan** los artículos décimo cuarto a vigésimo sexto, todos del "Decreto por el que se determinan como zonas de reserva y sitios de refugio para la protección, conservación, repoblación, desarrollo y control, de las diversas especies de tortuga marina, los lugares en que anida y desova dicha especie", publicado en el Diario Oficial de la Federación el 29 de octubre 1986, para quedar como sigue:

**ARTÍCULO PRIMERO.-** Por ser de orden público y de interés social, se determinan como santuarios para la protección, conservación, repoblación, desarrollo y control de las diversas especies de tortuga marina, los lugares en los que dichas especies anidan y desovan, adyacentes a las playas que se identifican en los párrafos subsecuentes.

Las áreas naturales protegidas, objeto del presente decreto, tienen una superficie total de 6,637-88-90.10 hectáreas (SEIS MIL SEISCIENTAS TREINTA Y SIETE HECTÁREAS, OCHENTA Y OCHO ÁREAS, NOVENTA PUNTO DIEZ CENTIÁREAS).



**Santuarios "Playas Tortugueras"**

**Simbología**

- Polígono General
- Límite Estatal

**Especificaciones Cartográficas**

Sistema de Coordenadas Geográficas  
Datum: ITRS88  
Elipsóide: GRS80  
Escala Gráfica (kilómetros)

**LOCALIZACIÓN**

| No.          | Santuario                   | Superficie (hectáreas) | Municipio (s)                            | Estado              |
|--------------|-----------------------------|------------------------|------------------------------------------|---------------------|
| 1            | Playa Rancho Nuevo          | 1,843.823547           | Soto la Marina y Aldama                  | Tamaulipas          |
| 2            | Playa Ría Lagartos          | 827.359171             | Tizimín, Río Lagartos y San Felipe       | Yucatán             |
| 3            | Playas de Isla Contoy       | 10.748102              | Isla Mujeres                             | Quintana Roo        |
| 4            | Playa Ceuta                 | 503.093373             | Culiacán, Elota y San Ignacio            | Sinaloa             |
| 5            | Playa Huizache Caimanero    | 451.488261             | Mazatlán y Rosario                       | Sinaloa             |
| 6            | Playa Mismaloya             | 810.667298             | Cabo Corrientes, Tomatlán y La Huerta    | Jalisco             |
| 7            | Playa Teopa                 | 30.808150              | La Huerta                                | Jalisco             |
| 8            | Playa Cuitzmala             | 20.929271              | La Huerta                                | Jalisco             |
| 9            | Playa El Tecuán             | 52.305303              | La Huerta                                | Jalisco             |
| 10           | Playa Colola                | 77.049392              | Aguila                                   | Michoacán de Ocampo |
| 11           | Playa Maruata               | 12.429768              | Aguila                                   | Michoacán de Ocampo |
| 12           | Playa Mexiquillo            | 100.155656             | Aguila                                   | Michoacán de Ocampo |
| 13           | Playa Piedra de Tlacoyunque | 98.014235              | Tecpan de Galeana                        | Guerrero            |
| 14           | Playa Tierra Colorada       | 263.720446             | Marquelia y Cuajinicuilapa               | Guerrero            |
| 15           | Playa Chacahua              | 545.632873             | Villa de Tututepec y Santiago Jamiltepec | Oaxaca              |
| 16           | Playa Escobilla             | 263.130953             | Santa María Tonameca                     | Oaxaca              |
| 17           | Playa Puerto Arista         | 726.533211             | Tonalá                                   | Chiapas             |
| <b>Total</b> |                             | <b>6,637.889010</b>    |                                          |                     |

| Est-PV                                                                                                                                                              | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                     |                       |             |             | X               | Y                |
|                                                                                                                                                                     |                       |             | 1           | 625,654.220800  | 2,581,278.302600 |
| 1 - 2                                                                                                                                                               | 62.07                 | 73°15'50"SE | 2           | 625,713.664000  | 2,581,260.428100 |
| 2 - 3                                                                                                                                                               | 37.64                 | 73°15'50"SE | 3           | 625,749.712800  | 2,581,249.588300 |
| A partir de este vértice se continúa por la línea de costa, con un rumbo general Suroeste y una distancia aproximada de 74,742.77 metros hasta llegar al vértice 4. |                       |             |             |                 |                  |
|                                                                                                                                                                     |                       |             | 4           | 619,452.175100  | 2,507,787.154000 |
| 4 - 5                                                                                                                                                               | 48.27                 | 4°20'11"NW  | 5           | 619,408.664100  | 2,507,808.060200 |
| 5 - 6                                                                                                                                                               | 431.45                | 8°34'36"NW  | 6           | 619,202.283300  | 2,508,186.952300 |
| 6 - 7                                                                                                                                                               | 2.14                  | 6°39'38"NW  | 7           | 619,201.671000  | 2,508,188.998300 |
| 7 - 8                                                                                                                                                               | 116.42                | 6°39'40"NW  | 8           | 619,168.292100  | 2,508,300.529400 |
| 8 - 9                                                                                                                                                               | 59.97                 | 05°26'49"NE | 9           | 619,173.984600  | 2,508,360.225400 |
| 9 - 10                                                                                                                                                              | 66.21                 | 14°48'38"NE | 10          | 619,190.908900  | 2,508,424.233000 |
| 10 - 11                                                                                                                                                             | 341.68                | 26°45'22"NE | 11          | 619,344.732300  | 2,508,729.329600 |
| 11 - 12                                                                                                                                                             | 24.56                 | 24°42'54"NE | 12          | 619,355.001600  | 2,508,751.641200 |
| 12 - 13                                                                                                                                                             | 86.81                 | 53°07'48"NE | 13          | 619,424.450200  | 2,508,803.727700 |
| 13 - 14                                                                                                                                                             | 32.29                 | 0°26'38"NW  | 14          | 619,418.595900  | 2,508,835.487600 |
| 14 - 15                                                                                                                                                             | 41.07                 | 14°55'52"NE | 15          | 619,429.179200  | 2,508,875.175200 |
| 15 - 16                                                                                                                                                             | 90.82                 | 14°44'21"NE | 16          | 619,452.284900  | 2,508,963.003800 |
| 16 - 17                                                                                                                                                             | 125.91                | 24°42'54"NE | 17          | 619,504.928300  | 2,509,077.379600 |
| 17 - 18                                                                                                                                                             | 124.21                | 07°11'01"NE | 18          | 619,520.460600  | 2,509,200.613300 |
| 18 - 19                                                                                                                                                             | 71.55                 | 05°02'32"NW | 19          | 619,514.171700  | 2,509,271.888500 |
| 19 - 20                                                                                                                                                             | 18.76                 | 05°02'33"NW | 20          | 619,512.523100  | 2,509,290.571800 |
| 20 - 21                                                                                                                                                             | 9.87                  | 17°35'33"NE | 21          | 619,515.506700  | 2,509,299.981500 |
| 21 - 22                                                                                                                                                             | 47.03                 | 17°35'32"NE | 22          | 619,529.721100  | 2,509,344.811500 |
| 22 - 23                                                                                                                                                             | 41.10                 | 03°41'28"NE | 23          | 619,532.366900  | 2,509,385.822000 |
| 23 - 24                                                                                                                                                             | 28.56                 | 13°23'33"NW | 24          | 619,525.752300  | 2,509,413.603300 |
| 24 - 25                                                                                                                                                             | 56.78                 | 02°10'12"NW | 25          | 619,523.602400  | 2,509,470.339600 |
| 25 - 26                                                                                                                                                             | 29.28                 | 02°43'14"NE | 26          | 619,524.992100  | 2,509,499.583200 |
| 26 - 27                                                                                                                                                             | 278.34                | 05°42'38"NW | 27          | 619,497.296300  | 2,509,776.541200 |
| 27 - 28                                                                                                                                                             | 39.66                 | 31°09'24"NE | 28          | 619,517.814800  | 2,509,810.479100 |
| 28 - 29                                                                                                                                                             | 23.14                 | 30°57'49"NE | 29          | 619,529.721100  | 2,509,830.322900 |
| 29 - 30                                                                                                                                                             | 17.20                 | 67°22'48"NE | 30          | 619,545.596100  | 2,509,836.937500 |
| 30 - 31                                                                                                                                                             | 46.45                 | 19°58'59"NE | 31          | 619,561.471100  | 2,509,880.593800 |
| 31 - 32                                                                                                                                                             | 49.23                 | 06°10'12"NE | 32          | 619,566.762800  | 2,509,929.541900 |
| 32 - 33                                                                                                                                                             | 33.70                 | 34°29'44"NE | 33          | 619,585.846400  | 2,509,957.313300 |
| 33 - 34                                                                                                                                                             | 195.31                | 35°37'40"NE | 34          | 619,699.617400  | 2,510,116.063600 |
| 34 - 35                                                                                                                                                             | 37.10                 | 68°11'54"NE | 35          | 619,734.064400  | 2,510,129.842400 |
| 35 - 36                                                                                                                                                             | 54.98                 | 88°03'30"SE | 36          | 619,789.013300  | 2,510,127.979700 |
| 36 - 37                                                                                                                                                             | 37.28                 | 62°31'31"NE | 37          | 619,822.086300  | 2,510,145.177700 |
| 37 - 38                                                                                                                                                             | 25.75                 | 22°25'31"NE | 38          | 619,831.909400  | 2,510,168.980400 |
| 38 - 39                                                                                                                                                             | 75.26                 | 10°07'28"NE | 39          | 619,845.138600  | 2,510,243.063900 |
| 39 - 40                                                                                                                                                             | 103.32                | 39°48'20"NE | 40          | 619,911.284500  | 2,510,322.439000 |
| 40 - 41                                                                                                                                                             | 95.77                 | 73°57'23"NE | 41          | 620,003.326200  | 2,510,348.907300 |
| 41 - 42                                                                                                                                                             | 26.26                 | 49°05'08"NE | 42          | 620,023.170000  | 2,510,366.105200 |
| 42 - 43                                                                                                                                                             | 32.00                 | 60°15'18"NE | 43          | 620,050.951300  | 2,510,381.980300 |
| 43 - 44                                                                                                                                                             | 30.31                 | 24°52'06"NE | 44          | 620,063.695800  | 2,510,409.475500 |
| 44 - 45                                                                                                                                                             | 128.36                | 41°42'53"NE | 45          | 620,149.109700  | 2,510,505.291700 |
| 45 - 46                                                                                                                                                             | 64.26                 | 19°31'00"NE | 46          | 620,170.576700  | 2,510,565.856200 |
| 46 - 47                                                                                                                                                             | 44.00                 | 16°15'36"NW | 47          | 620,158.255500  | 2,510,608.100400 |
| 47 - 48                                                                                                                                                             | 52.47                 | 48°53'53"NE | 48          | 620,197.795300  | 2,510,642.595400 |
| 48 - 49                                                                                                                                                             | 40.75                 | 35°45'14"NE | 49          | 620,221.607900  | 2,510,675.668300 |
| 49 - 50                                                                                                                                                             | 52.12                 | 23°57'44"NE | 50          | 620,242.774600  | 2,510,723.293400 |
| 50 - 51                                                                                                                                                             | 52.72                 | 17°31'31"NE | 51          | 620,258.649600  | 2,510,773.564400 |
| 51 - 52                                                                                                                                                             | 24.32                 | 45°00'00"NE | 52          | 620,275.847600  | 2,510,790.762300 |
| 52 - 53                                                                                                                                                             | 49.71                 | 25°12'03"NE | 53          | 620,297.014300  | 2,510,835.741600 |
| 53 - 54                                                                                                                                                             | 74.66                 | 29°44'41"NE | 54          | 620,334.056000  | 2,510,900.564600 |
| 54 - 55                                                                                                                                                             | 2.15                  | 13°14'24"NE | 55          | 620,334.547700  | 2,510,902.654400 |
| 55 - 56                                                                                                                                                             | 44.06                 | 13°14'26"NE | 56          | 620,344.639400  | 2,510,945.543900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 56 - 57   | 23.55                 | 38°09'25"NE | 57          | 620,359.191500  | 2,510,964.064800 |
| 57 - 58   | 24.86                 | 43°05'27"NE | 58          | 620,376.174000  | 2,510,982.218500 |
| 58 - 59   | 31.30                 | 43°05'27"NE | 59          | 620,397.556200  | 2,511,005.075300 |
| 59 - 60   | 17.65                 | 12°59'41"NW | 60          | 620,393.587400  | 2,511,022.273200 |
| 60 - 61   | 3.50                  | 11°18'32"NE | 61          | 620,394.273800  | 2,511,025.705500 |
| 61 - 62   | 16.74                 | 11°18'36"NE | 62          | 620,397.556200  | 2,511,042.117000 |
| 62 - 63   | 8.14                  | 46°19'55"NE | 63          | 620,403.443600  | 2,511,047.736800 |
| 63 - 64   | 32.10                 | 46°19'55"NE | 64          | 620,426.660400  | 2,511,069.898300 |
| 64 - 65   | 18.43                 | 21°02'14"NW | 65          | 620,420.045800  | 2,511,087.096300 |
| 65 - 66   | 26.06                 | 23°57'44"NE | 66          | 620,430.629100  | 2,511,110.908800 |
| 66 - 67   | 33.39                 | 56°18'35"NE | 67          | 620,458.410400  | 2,511,129.429700 |
| 67 - 68   | 22.76                 | 35°32'16"NE | 68          | 620,471.639600  | 2,511,147.950500 |
| 68 - 69   | 26.18                 | 46°29'24"NW | 69          | 620,452.654800  | 2,511,165.972700 |
| 69 - 70   | 22.58                 | 07°09'41"NW | 70          | 620,449.839800  | 2,511,188.376800 |
| 70 - 71   | 4.64                  | 82°45'54"NE | 71          | 620,454.441700  | 2,511,188.961000 |
| 71 - 72   | 32.22                 | 19°10'43"NE | 72          | 620,465.025000  | 2,511,219.388200 |
| 72 - 73   | 20.71                 | 26°33'53"NW | 73          | 620,455.764600  | 2,511,237.909100 |
| 73 - 74   | 20.37                 | 43°27'06"NW | 74          | 620,441.758500  | 2,511,252.693300 |
| 74 - 75   | 14.26                 | 43°27'06"NW | 75          | 620,431.952100  | 2,511,263.044500 |
| 75 - 76   | 12.78                 | 34°10'05"NE | 76          | 620,439.129300  | 2,511,273.618000 |
| 76 - 77   | 29.71                 | 60°38'58"NE | 77          | 620,465.025000  | 2,511,288.180000 |
| 77 - 78   | 34.95                 | 60°31'27"NE | 78          | 620,495.452200  | 2,511,305.377900 |
| 78 - 79   | 18.71                 | 08°07'48"NW | 79          | 620,492.806300  | 2,511,323.898800 |
| 79 - 80   | 15.08                 | 37°52'29"NW | 80          | 620,483.545900  | 2,511,335.805100 |
| 80 - 81   | 8.62                  | 17°06'10"NE | 81          | 620,486.081800  | 2,511,344.046700 |
| 81 - 82   | 9.37                  | 17°06'10"NE | 82          | 620,488.837600  | 2,511,353.003000 |
| 82 - 83   | 4.52                  | 70°00'58"NE | 83          | 620,493.081500  | 2,511,354.546300 |
| 83 - 84   | 26.45                 | 70°01'00"NE | 84          | 620,517.941800  | 2,511,363.586400 |
| 84 - 85   | 25.27                 | 42°52'44"NE | 85          | 620,535.139800  | 2,511,382.107300 |
| 85 - 86   | 11.72                 | 11°18'35"NE | 86          | 620,537.438700  | 2,511,393.602000 |
| 86 - 87   | 15.26                 | 11°18'35"NE | 87          | 620,540.431400  | 2,511,408.565600 |
| 87 - 88   | 31.92                 | 43°36'10"NE | 88          | 620,562.447500  | 2,511,431.682500 |
| 88 - 89   | 6.44                  | 43°36'10"NE | 89          | 620,566.889800  | 2,511,436.346900 |
| 89 - 90   | 15.93                 | 48°21'59"NE | 90          | 620,578.796100  | 2,511,446.930300 |
| 90 - 91   | 34.34                 | 15°38'31"NE | 91          | 620,588.056500  | 2,511,480.003300 |
| 91 - 92   | 47.94                 | 27°58'46"NE | 92          | 620,610.546200  | 2,511,522.336700 |
| 92 - 93   | 14.17                 | 03°48'50"NW | 93          | 620,609.603700  | 2,511,536.474000 |
| 93 - 94   | 5.72                  | 03°48'53"NW | 94          | 620,609.223200  | 2,511,542.180500 |
| 94 - 95   | 33.07                 | 00°00'00"NE | 95          | 620,609.223200  | 2,511,575.253500 |
| 95 - 96   | 37.07                 | 34°49'28"NE | 96          | 620,630.390000  | 2,511,605.680600 |
| 96 - 97   | 45.84                 | 36°07'01"NE | 97          | 620,657.411000  | 2,511,642.712500 |
| 97 - 98   | 32.29                 | 30°36'11"NW | 98          | 620,640.973300  | 2,511,670.503700 |
| 98 - 99   | 22.64                 | 06°42'35"NW | 99          | 620,638.327500  | 2,511,692.993300 |
| 99 - 100  | 51.66                 | 02°56'08"NW | 100         | 620,635.681600  | 2,511,744.587100 |
| 100 - 101 | 44.37                 | 10°18'17"NW | 101         | 620,627.744100  | 2,511,788.243500 |
| 101 - 102 | 95.79                 | 02°26'30"NE | 102         | 620,631.825400  | 2,511,883.948400 |
| 102 - 103 | 80.15                 | 20°44'48"NE | 103         | 620,660.217400  | 2,511,958.900400 |
| 103 - 104 | 366.00                | 29°24'56"NE | 104         | 620,839.973900  | 2,512,277.713800 |
| 104 - 105 | 31.64                 | 28°32'25"NW | 105         | 620,824.859100  | 2,512,305.504900 |
| 105 - 106 | 20.92                 | 71°33'54"NW | 106         | 620,805.015300  | 2,512,312.119500 |
| 106 - 107 | 18.69                 | 56°41'22"SW | 107         | 620,789.394400  | 2,512,301.854400 |
| 107 - 108 | 36.71                 | 56°41'21"SW | 108         | 620,758.713100  | 2,512,281.692400 |
| 108 - 109 | 37.46                 | 47°51'44"SW | 109         | 620,730.931800  | 2,512,256.556900 |
| 109 - 110 | 71.00                 | 35°59'05"SW | 110         | 620,689.213500  | 2,512,199.104700 |
| 110 - 111 | 39.87                 | 44°16'29"SW | 111         | 620,661.379800  | 2,512,170.557300 |
| 111 - 112 | 296.05                | 28°51'20"SW | 112         | 620,518.504500  | 2,511,911.265100 |
| 112 - 113 | 94.15                 | 70°17'31"SW | 113         | 620,429.868900  | 2,511,879.515100 |
| 113 - 114 | 40.27                 | 88°07'53"SW | 114         | 620,389.618600  | 2,511,878.202000 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 114 - 115 | 38.52                 | 74°03'16"N | 115         | 620,352.576900  | 2,511,888.785400 |
| 115 - 116 | 19.72                 | 56°18'36"N | 116         | 620,336.167000  | 2,511,899.725300 |
| 116 - 117 | 23.21                 | 56°18'35"N | 117         | 620,316.858100  | 2,511,912.597900 |
| 117 - 118 | 90.02                 | 83°15'16"N | 118         | 620,227.462200  | 2,511,923.171400 |
| 118 - 119 | 31.33                 | 59°34'51"S | 119         | 620,200.441200  | 2,511,907.306200 |
| 119 - 120 | 35.99                 | 53°58'21"S | 120         | 620,171.336900  | 2,511,886.139500 |
| 120 - 121 | 30.10                 | 36°01'38"S | 121         | 620,153.630600  | 2,511,861.793300 |
| 121 - 122 | 41.87                 | 36°01'38"S | 122         | 620,129.003500  | 2,511,827.931100 |
| 122 - 123 | 52.07                 | 27°12'57"S | 123         | 620,105.191000  | 2,511,781.628900 |
| 123 - 124 | 37.39                 | 53°00'22"S | 124         | 620,075.326500  | 2,511,759.129400 |
| 124 - 125 | 15.53                 | 53°25'42"S | 125         | 620,062.857600  | 2,511,749.878800 |
| 125 - 126 | 19.84                 | 90°00'00"N | 126         | 620,043.013800  | 2,511,749.878800 |
| 126 - 127 | 30.40                 | 50°11'34"N | 127         | 620,019.661900  | 2,511,769.339700 |
| 127 - 128 | 47.78                 | 10°37'20"E | 128         | 620,028.469000  | 2,511,816.299100 |
| 128 - 129 | 191.93                | 37°03'12"E | 129         | 620,144.118300  | 2,511,969.473600 |
| 129 - 130 | 225.66                | 55°45'03"E | 130         | 620,330.649900  | 2,512,096.473800 |
| 130 - 131 | 96.60                 | 01°07'06"N | 131         | 620,328.764300  | 2,512,193.056800 |
| 131 - 132 | 59.55                 | 01°16'23"E | 132         | 620,330.087300  | 2,512,252.588200 |
| 132 - 133 | 88.92                 | 08°35'03"E | 133         | 620,343.360400  | 2,512,340.514400 |
| 133 - 134 | 28.08                 | 30°59'34"E | 134         | 620,357.819100  | 2,512,364.584500 |
| 134 - 135 | 244.22                | 28°56'57"E | 135         | 620,476.030100  | 2,512,578.289000 |
| 135 - 136 | 145.84                | 44°22'47"E | 136         | 620,578.035800  | 2,512,682.527100 |
| 136 - 137 | 117.49                | 54°09'44"E | 137         | 620,673.286000  | 2,512,751.318900 |
| 137 - 138 | 29.81                 | 15°31'12"E | 138         | 620,681.263300  | 2,512,780.044900 |
| 138 - 139 | 53.64                 | 06°26'06"E | 139         | 620,687.275500  | 2,512,833.349700 |
| 139 - 140 | 41.07                 | 14°55'52"E | 140         | 620,697.858800  | 2,512,873.037300 |
| 140 - 141 | 48.11                 | 26°10'19"E | 141         | 620,719.076800  | 2,512,916.211000 |
| 141 - 142 | 130.94                | 46°02'26"E | 142         | 620,813.332100  | 2,513,007.103100 |
| 142 - 143 | 221.85                | 64°19'35"E | 143         | 621,013.276300  | 2,513,103.215400 |
| 143 - 144 | 46.05                 | 12°19'00"N | 144         | 621,003.453200  | 2,513,148.204500 |
| 144 - 145 | 24.86                 | 25°12'04"E | 145         | 621,014.036600  | 2,513,170.694200 |
| 145 - 146 | 33.49                 | 80°54'35"E | 146         | 621,047.109500  | 2,513,175.985800 |
| 146 - 147 | 21.82                 | 14°02'09"N | 147         | 621,041.817900  | 2,513,197.152600 |
| 147 - 148 | 25.27                 | 06°00'32"N | 148         | 621,039.172000  | 2,513,222.288000 |
| 148 - 149 | 15.43                 | 30°57'49"E | 149         | 621,047.109500  | 2,513,235.517200 |
| 149 - 150 | 25.45                 | 08°58'21"E | 150         | 621,051.078300  | 2,513,260.652700 |
| 150 - 151 | 29.73                 | 57°43'27"E | 151         | 621,076.213800  | 2,513,276.527700 |
| 151 - 152 | 14.97                 | 45°00'00"N | 152         | 621,065.630400  | 2,513,287.111100 |
| 152 - 153 | 40.00                 | 55°47'03"S | 153         | 621,032.557400  | 2,513,264.621400 |
| 153 - 154 | 14.97                 | 45°00'00"S | 154         | 621,021.974100  | 2,513,254.038100 |
| 154 - 155 | 42.66                 | 82°52'29"S | 155         | 620,979.640600  | 2,513,248.746400 |
| 155 - 156 | 41.54                 | 80°50'15"N | 156         | 620,938.630200  | 2,513,255.361000 |
| 156 - 157 | 39.07                 | 61°41'57"N | 157         | 620,904.234200  | 2,513,273.881900 |
| 157 - 158 | 37.70                 | 38°28'30"N | 158         | 620,880.780800  | 2,513,303.393100 |
| 158 - 159 | 104.59                | 29°41'07"E | 159         | 620,932.578200  | 2,513,394.257700 |
| 159 - 160 | 76.65                 | 68°44'58"E | 160         | 621,004.015900  | 2,513,422.039000 |
| 160 - 161 | 69.36                 | 34°54'08"E | 161         | 621,043.703400  | 2,513,478.924500 |
| 161 - 162 | 28.77                 | 53°15'35"N | 162         | 621,020.651100  | 2,513,496.132300 |
| 162 - 163 | 34.73                 | 40°21'52"N | 163         | 620,998.161500  | 2,513,522.590700 |
| 163 - 164 | 36.02                 | 07°32'37"N | 164         | 620,993.432500  | 2,513,558.299700 |
| 164 - 165 | 41.03                 | 88°09'08"S | 165         | 620,952.422000  | 2,513,556.976800 |
| 165 - 166 | 106.89                | 53°33'19"N | 166         | 620,866.432300  | 2,513,620.476900 |
| 166 - 167 | 47.22                 | 11°18'36"N | 167         | 620,857.171800  | 2,513,666.779100 |
| 167 - 168 | 43.68                 | 88°15'51"N | 168         | 620,813.515500  | 2,513,668.102000 |
| 168 - 169 | 101.30                | 49°14'10"S | 169         | 620,736.786200  | 2,513,601.956000 |
| 169 - 170 | 14.11                 | 62°05'25"S | 170         | 620,724.317200  | 2,513,595.351300 |
| 170 - 171 | 59.07                 | 55°57'14"N | 171         | 620,675.369200  | 2,513,628.424300 |
| 171 - 172 | 55.02                 | 27°10'52"N | 172         | 620,650.233700  | 2,513,677.372300 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 172 - 173 | 66.48                 | 05°42'38"N | 173         | 620,643.619100  | 2,513,743.518200 |
| 173 - 174 | 79.56                 | 14°52'58"N | 174         | 620,664.052900  | 2,513,820.405800 |
| 174 - 175 | 119.16                | 24°52'46"N | 175         | 620,714.183700  | 2,513,928.504700 |
| 175 - 176 | 158.53                | 53°35'39"N | 176         | 620,841.772300  | 2,514,022.590800 |
| 176 - 177 | 43.22                 | 74°48'54"N | 177         | 620,883.485800  | 2,514,033.912300 |
| 177 - 178 | 67.18                 | 78°03'21"E | 178         | 620,949.213500  | 2,514,020.008400 |
| 178 - 179 | 35.60                 | 41°59'14"E | 179         | 620,973.026100  | 2,513,993.550000 |
| 179 - 180 | 23.10                 | 66°22'13"E | 180         | 620,994.192800  | 2,513,984.289500 |
| 180 - 181 | 30.54                 | 72°20'59"E | 181         | 621,023.297000  | 2,513,975.029100 |
| 181 - 182 | 83.04                 | 30°39'02"E | 182         | 621,065.630400  | 2,513,903.591500 |
| 182 - 183 | 42.04                 | 77°16'32"E | 183         | 621,106.640900  | 2,513,894.331000 |
| 183 - 184 | 77.29                 | 83°07'05"N | 184         | 621,183.370200  | 2,513,903.591500 |
| 184 - 185 | 31.56                 | 33°01'26"N | 185         | 621,200.568200  | 2,513,930.049900 |
| 185 - 186 | 127.88                | 65°33'21"N | 186         | 621,084.151300  | 2,513,982.966600 |
| 186 - 187 | 45.21                 | 20°33'22"N | 187         | 621,068.276200  | 2,514,025.300000 |
| 187 - 188 | 26.49                 | 87°08'15"W | 188         | 621,041.817900  | 2,514,023.977100 |
| 188 - 189 | 25.10                 | 71°33'54"W | 189         | 621,018.005300  | 2,514,016.039600 |
| 189 - 190 | 18.43                 | 21°02'14"N | 190         | 621,011.390700  | 2,514,033.237600 |
| 190 - 191 | 87.14                 | 51°44'19"N | 191         | 621,079.809800  | 2,514,087.196800 |
| 191 - 192 | 97.19                 | 85°55'54"N | 192         | 621,176.755600  | 2,514,094.091800 |
| 192 - 193 | 15.64                 | 67°19'44"E | 193         | 621,191.183200  | 2,514,088.065200 |
| 193 - 194 | 97.63                 | 67°19'43"E | 194         | 621,281.266300  | 2,514,050.435500 |
| 194 - 195 | 4.33                  | 87°03'48"N | 195         | 621,285.588300  | 2,514,050.657200 |
| 195 - 196 | 136.82                | 87°03'51"N | 196         | 621,422.232900  | 2,514,057.664600 |
| 196 - 197 | 13.83                 | 87°03'52"E | 197         | 621,436.047800  | 2,514,058.373000 |
| 197 - 198 | 19.84                 | 36°52'11"N | 198         | 621,447.954100  | 2,514,074.248100 |
| 198 - 199 | 13.48                 | 17°21'14"N | 199         | 621,443.933200  | 2,514,087.114900 |
| 199 - 200 | 8.70                  | 17°21'14"N | 200         | 621,441.339500  | 2,514,095.414800 |
| 200 - 201 | 36.33                 | 33°06'41"N | 201         | 621,421.495700  | 2,514,125.841900 |
| 201 - 202 | 29.22                 | 05°11'39"N | 202         | 621,418.849900  | 2,514,154.946100 |
| 202 - 203 | 55.83                 | 76°17'34"N | 203         | 621,364.610200  | 2,514,168.175300 |
| 203 - 204 | 22.76                 | 54°27'44"N | 204         | 621,346.089300  | 2,514,181.404500 |
| 204 - 205 | 22.53                 | 03°21'59"E | 205         | 621,347.412200  | 2,514,203.894200 |
| 205 - 206 | 19.08                 | 33°41'24"E | 206         | 621,357.995600  | 2,514,219.769200 |
| 206 - 207 | 0.43                  | 51°32'14"E | 207         | 621,358.333100  | 2,514,220.037300 |
| 207 - 208 | 39.52                 | 51°32'47"E | 208         | 621,389.281900  | 2,514,244.614200 |
| 208 - 209 | 17.49                 | 51°32'46"E | 209         | 621,402.974800  | 2,514,255.488000 |
| 209 - 210 | 33.81                 | 59°25'14"N | 210         | 621,432.079100  | 2,514,272.686000 |
| 210 - 211 | 19.73                 | 68°29'35"E | 211         | 621,450.435000  | 2,514,279.919100 |
| 211 - 212 | 62.58                 | 04°09'34"N | 212         | 621,454.974200  | 2,514,342.333000 |
| 212 - 213 | 71.42                 | 28°28'04"E | 213         | 621,489.017500  | 2,514,405.116900 |
| 213 - 214 | 110.40                | 44°46'41"E | 214         | 621,566.781000  | 2,514,483.484700 |
| 214 - 215 | 6.26                  | 10°00'30"N | 215         | 621,565.693900  | 2,514,489.644700 |
| 215 - 216 | 17.76                 | 54°14'45"N | 216         | 621,551.284700  | 2,514,500.019400 |
| 216 - 217 | 23.00                 | 54°14'46"N | 217         | 621,532.620900  | 2,514,513.457300 |
| 217 - 218 | 25.69                 | 78°06'40"W | 218         | 621,507.485500  | 2,514,508.165600 |
| 218 - 219 | 15.36                 | 30°57'49"W | 219         | 621,499.582700  | 2,514,521.336900 |
| 219 - 220 | 7.78                  | 30°57'49"W | 220         | 621,495.579200  | 2,514,528.009400 |
| 220 - 221 | 11.47                 | 29°44'42"E | 221         | 621,501.270800  | 2,514,537.969600 |
| 221 - 222 | 20.53                 | 29°44'40"E | 222         | 621,511.454200  | 2,514,555.790700 |
| 222 - 223 | 64.21                 | 01°39'38"N | 223         | 621,509.593300  | 2,514,619.970700 |
| 223 - 224 | 86.17                 | 37°05'34"N | 224         | 621,561.560200  | 2,514,688.701200 |
| 224 - 225 | 49.67                 | 01°20'09"N | 225         | 621,560.402200  | 2,514,738.353600 |
| 225 - 226 | 23.14                 | 59°02'11"E | 226         | 621,580.246000  | 2,514,750.259800 |
| 226 - 227 | 16.73                 | 71°33'53"E | 227         | 621,596.121000  | 2,514,755.551500 |
| 227 - 228 | 15.08                 | 52°07'29"N | 228         | 621,584.214800  | 2,514,764.811900 |
| 228 - 229 | 23.44                 | 73°36'37"N | 229         | 621,561.725100  | 2,514,771.426500 |
| 229 - 230 | 13.23                 | 53°07'48"W | 230         | 621,551.141800  | 2,514,763.489000 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 230 - 231 | 17.75                 | 26°33'54"SW | 231         | 621,543.204300  | 2,514,747.614000 |
| 231 - 232 | 8.12                  | 75°57'48"NW | 232         | 621,535.326400  | 2,514,749.583500 |
| 232 - 233 | 18.10                 | 23°18'39"NW | 233         | 621,528.162600  | 2,514,766.208900 |
| 233 - 234 | 39.95                 | 07°14'35"NE | 234         | 621,533.199900  | 2,514,805.842800 |
| 234 - 235 | 38.55                 | 44°27'42"NE | 235         | 621,560.201200  | 2,514,833.356300 |
| 235 - 236 | 29.54                 | 82°45'47"SE | 236         | 621,589.506500  | 2,514,829.635000 |
| 236 - 237 | 19.53                 | 61°41'57"NE | 237         | 621,606.704400  | 2,514,838.895400 |
| 237 - 238 | 22.64                 | 06°42'35"NW | 238         | 621,604.058600  | 2,514,861.385000 |
| 238 - 239 | 27.17                 | 19°01'30"NE | 239         | 621,612.915500  | 2,514,887.070500 |
| 239 - 240 | 55.51                 | 78°56'12"NE | 240         | 621,667.393800  | 2,514,897.722400 |
| 240 - 241 | 94.16                 | 24°02'39"NE | 241         | 621,705.758400  | 2,514,983.712200 |
| 241 - 242 | 84.28                 | 09°27'02"NW | 242         | 621,691.919200  | 2,515,066.850600 |
| 242 - 243 | 2.30                  | 08°43'26"NW | 243         | 621,691.570500  | 2,515,069.123000 |
| 243 - 244 | 63.90                 | 81°08'31"NE | 244         | 621,754.706400  | 2,515,078.962400 |
| 244 - 245 | 48.52                 | 11°00'13"NE | 245         | 621,763.966900  | 2,515,126.587400 |
| 245 - 246 | 22.84                 | 79°59'30"NE | 246         | 621,786.456500  | 2,515,130.556200 |
| 246 - 247 | 107.09                | 27°11'53"NE | 247         | 621,835.404500  | 2,515,225.806400 |
| 247 - 248 | 59.66                 | 86°11'09"NE | 248         | 621,894.935900  | 2,515,229.775200 |
| 248 - 249 | 45.92                 | 11°38'01"NW | 249         | 621,885.675400  | 2,515,274.754400 |
| 249 - 250 | 132.62                | 18°36'56"NE | 250         | 621,928.008900  | 2,515,400.431700 |
| 250 - 251 | 42.66                 | 29°44'41"NE | 251         | 621,949.175600  | 2,515,437.473500 |
| 251 - 252 | 57.44                 | 51°32'46"NE | 252         | 621,994.154800  | 2,515,473.192300 |
| 252 - 253 | 47.70                 | 03°10'47"NW | 253         | 621,991.509000  | 2,515,520.817400 |
| 253 - 254 | 24.39                 | 77°28'16"SW | 254         | 621,967.696400  | 2,515,515.525700 |
| 254 - 255 | 63.11                 | 33°01'26"SW | 255         | 621,933.300500  | 2,515,462.609000 |
| 255 - 256 | 44.35                 | 72°38'45"NW | 256         | 621,890.967100  | 2,515,475.838100 |
| 256 - 257 | 211.36                | 32°59'37"SW | 257         | 621,775.873100  | 2,515,298.567000 |
| 257 - 258 | 118.74                | 75°27'01"SW | 258         | 621,660.941600  | 2,515,268.737400 |
| 258 - 259 | 32.21                 | 08°43'23"NW | 259         | 621,656.056800  | 2,515,300.573200 |
| 259 - 260 | 136.98                | 26°43'38"NE | 260         | 621,717.664700  | 2,515,422.921400 |
| 260 - 261 | 142.59                | 64°08'53"NE | 261         | 621,845.987900  | 2,515,485.098600 |
| 261 - 262 | 28.56                 | 76°36'26"NE | 262         | 621,873.769200  | 2,515,491.713200 |
| 262 - 263 | 44.63                 | 11°58'33"NE | 263         | 621,883.029600  | 2,515,535.369500 |
| 263 - 264 | 51.75                 | 57°31'43"NE | 264         | 621,926.685900  | 2,515,563.150800 |
| 264 - 265 | 91.98                 | 49°40'00"NW | 265         | 621,856.571200  | 2,515,622.682200 |
| 265 - 266 | 118.37                | 76°40'31"NW | 266         | 621,741.391000  | 2,515,649.961700 |
| 266 - 267 | 0.85                  | 13°55'01"NE | 267         | 621,741.595900  | 2,515,650.788600 |
| 267 - 268 | 33.26                 | 00°27'01"NW | 268         | 621,741.334400  | 2,515,684.047400 |
| 268 - 269 | 88.35                 | 26°47'45"NE | 269         | 621,781.164800  | 2,515,762.911600 |
| 269 - 270 | 71.44                 | 90°00'00"NE | 270         | 621,852.602500  | 2,515,762.911600 |
| 270 - 271 | 131.90                | 45°24'22"SE | 271         | 621,946.529700  | 2,515,670.307300 |
| 271 - 272 | 88.65                 | 89°08'41"SE | 272         | 622,035.165300  | 2,515,668.984400 |
| 272 - 273 | 72.22                 | 08°25'36"NW | 273         | 622,024.582000  | 2,515,740.422000 |
| 273 - 274 | 103.84                | 45°30'58"NE | 274         | 622,098.665500  | 2,515,813.182600 |
| 274 - 275 | 101.18                | 27°14'06"NE | 275         | 622,144.967600  | 2,515,903.141100 |
| 275 - 276 | 74.05                 | 18°45'31"NW | 276         | 622,121.155100  | 2,515,973.255800 |
| 276 - 277 | 68.61                 | 56°00'12"NW | 277         | 622,064.269600  | 2,516,011.620500 |
| 277 - 278 | 184.83                | 13°14'25"SW | 278         | 622,021.936100  | 2,515,831.703400 |
| 278 - 279 | 75.70                 | 84°59'12"NW | 279         | 621,946.529700  | 2,515,838.318000 |
| 279 - 280 | 153.99                | 53°01'53"NW | 280         | 621,823.498200  | 2,515,930.922400 |
| 280 - 281 | 69.14                 | 86°56'00"NW | 281         | 621,754.460200  | 2,515,934.620900 |
| 281 - 282 | 158.27                | 00°59'16"NW | 282         | 621,751.731800  | 2,516,092.865200 |
| 282 - 283 | 55.48                 | 35°25'01"NE | 283         | 621,783.886300  | 2,516,138.082300 |
| 283 - 284 | 26.39                 | 88°49'51"NE | 284         | 621,810.269000  | 2,516,138.620700 |
| 284 - 285 | 38.91                 | 35°18'40"SE | 285         | 621,832.758700  | 2,516,106.870700 |
| 285 - 286 | 72.77                 | 88°57'29"SE | 286         | 621,905.519200  | 2,516,105.547700 |
| 286 - 287 | 60.87                 | 01°14'43"NW | 287         | 621,904.196300  | 2,516,166.402000 |
| 287 - 288 | 106.11                | 26°49'51"NE | 288         | 621,952.089000  | 2,516,261.086500 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 288 - 289 | 6.29                  | 54°48'38"NE | 289         | 621,957.229500  | 2,516,264.711300 |
| 289 - 290 | 27.24                 | 44°18'49"NE | 290         | 621,976.258800  | 2,516,284.201900 |
| 290 - 291 | 84.75                 | 60°04'50"NE | 291         | 622,049.717400  | 2,516,326.475300 |
| 291 - 292 | 94.08                 | 86°46'31"SE | 292         | 622,143.644700  | 2,516,321.183600 |
| 292 - 293 | 173.35                | 51°49'05"NE | 293         | 622,279.905400  | 2,516,428.340100 |
| 293 - 294 | 60.36                 | 67°24'09"NE | 294         | 622,335.632900  | 2,516,451.534100 |
| 294 - 295 | 90.74                 | 82°27'38"NE | 295         | 622,425.591500  | 2,516,463.440300 |
| 295 - 296 | 61.13                 | 83°07'24"SE | 296         | 622,486.280800  | 2,516,456.121400 |
| 296 - 297 | 17.40                 | 08°44'46"NE | 297         | 622,488.926700  | 2,516,473.319300 |
| 297 - 298 | 36.69                 | 64°21'32"NW | 298         | 622,455.853700  | 2,516,489.194300 |
| 298 - 299 | 39.80                 | 68°33'08"SW | 299         | 622,418.811900  | 2,516,474.642200 |
| 299 - 300 | 100.45                | 77°03'42"NW | 300         | 622,320.915900  | 2,516,497.131900 |
| 300 - 301 | 68.00                 | 52°54'25"NW | 301         | 622,266.676200  | 2,516,538.142400 |
| 301 - 302 | 90.42                 | 24°40'02"NE | 302         | 622,304.412600  | 2,516,620.310300 |
| 302 - 303 | 18.22                 | 44°18'50"NE | 303         | 622,317.139300  | 2,516,633.345500 |
| 303 - 304 | 47.02                 | 43°36'10"NE | 304         | 622,349.569100  | 2,516,667.396700 |
| 304 - 305 | 5.80                  | 36°32'52"NE | 305         | 622,353.024100  | 2,516,672.057700 |
| 305 - 306 | 61.96                 | 69°00'54"NE | 306         | 622,410.874400  | 2,516,694.246800 |
| 306 - 307 | 72.65                 | 56°53'19"NE | 307         | 622,471.728700  | 2,516,733.934400 |
| 307 - 308 | 59.66                 | 86°11'09"NE | 308         | 622,531.260100  | 2,516,737.903200 |
| 308 - 309 | 124.75                | 34°11'44"NE | 309         | 622,601.374800  | 2,516,841.090900 |
| 309 - 310 | 56.52                 | 32°34'26"NW | 310         | 622,570.947600  | 2,516,888.716000 |
| 310 - 311 | 50.61                 | 77°57'54"NW | 311         | 622,521.446600  | 2,516,899.269200 |
| 311 - 312 | 60.26                 | 06°37'56"NW | 312         | 622,514.486400  | 2,516,959.127300 |
| 312 - 313 | 31.53                 | 38°01'08"NE | 313         | 622,533.905900  | 2,516,983.966200 |
| 313 - 314 | 63.84                 | 84°03'11"SE | 314         | 622,597.406000  | 2,516,977.351600 |
| 314 - 315 | 56.46                 | 70°05'26"NE | 315         | 622,650.487700  | 2,516,996.576800 |
| 315 - 316 | 14.34                 | 13°23'31"NW | 316         | 622,647.166700  | 2,517,010.525300 |
| 316 - 317 | 14.22                 | 13°23'34"NW | 317         | 622,643.873100  | 2,517,024.358100 |
| 317 - 318 | 34.42                 | 87°47'50"NW | 318         | 622,609.477200  | 2,517,025.681000 |
| 318 - 319 | 43.02                 | 63°35'03"NW | 319         | 622,570.947600  | 2,517,044.820500 |
| 319 - 320 | 46.81                 | 42°42'33"NE | 320         | 622,602.697700  | 2,517,079.216400 |
| 320 - 321 | 38.63                 | 22°04'41"NW | 321         | 622,588.178400  | 2,517,115.012300 |
| 321 - 322 | 33.17                 | 48°55'23"NW | 322         | 622,563.175100  | 2,517,136.806300 |
| 322 - 323 | 52.95                 | 12°59'40"NW | 323         | 622,551.268800  | 2,517,188.400100 |
| 323 - 324 | 20.63                 | 03°21'58"NW | 324         | 622,550.057300  | 2,517,208.996300 |
| 324 - 325 | 20.43                 | 03°21'59"NW | 325         | 622,548.857700  | 2,517,229.388900 |
| 325 - 326 | 4.00                  | 03°21'57"NW | 326         | 622,548.623000  | 2,517,233.379400 |
| 326 - 327 | 8.88                  | 56°36'41"NE | 327         | 622,556.041400  | 2,517,238.268800 |
| 327 - 328 | 60.83                 | 56°36'41"NE | 328         | 622,606.831400  | 2,517,271.744000 |
| 328 - 329 | 38.91                 | 35°18'40"NE | 329         | 622,629.321000  | 2,517,303.494100 |
| 329 - 330 | 20.24                 | 11°18'36"NE | 330         | 622,633.289800  | 2,517,323.337900 |
| 330 - 331 | 52.40                 | 31°47'20"NE | 331         | 622,660.894500  | 2,517,367.878800 |
| 331 - 332 | 134.71                | 85°22'05"SE | 332         | 622,795.168800  | 2,517,357.000600 |
| 332 - 333 | 1.11                  | 85°21'53"SE | 333         | 622,796.278900  | 2,517,356.910600 |
| 333 - 334 | 66.40                 | 53°59'52"SE | 334         | 622,849.994400  | 2,517,317.881200 |
| 334 - 335 | 20.76                 | 15°29'30"NE | 335         | 622,855.540200  | 2,517,337.890000 |
| 335 - 336 | 46.30                 | 36°52'11"NE | 336         | 622,883.321500  | 2,517,374.931700 |
| 336 - 337 | 61.96                 | 54°24'16"NE | 337         | 622,933.707400  | 2,517,410.998300 |
| 337 - 338 | 201.77                | 17°56'00"NE | 338         | 622,995.833500  | 2,517,602.961100 |
| 338 - 339 | 11.74                 | 13°20'57"NW | 339         | 622,993.123800  | 2,517,614.380100 |
| 339 - 340 | 35.06                 | 17°55'39"NW | 340         | 622,982.331700  | 2,517,647.737800 |
| 340 - 341 | 12.21                 | 17°55'41"NW | 341         | 622,978.571700  | 2,517,659.359400 |
| 341 - 342 | 6.78                  | 78°41'25"NW | 342         | 622,971.922000  | 2,517,660.689300 |
| 342 - 343 | 26.95                 | 78°41'23"NW | 343         | 622,945.498700  | 2,517,665.974000 |
| 343 - 344 | 28.40                 | 27°45'30"NW | 344         | 622,932.269600  | 2,517,691.109500 |
| 344 - 345 | 12.33                 | 35°13'03"NE | 345         | 622,939.378100  | 2,517,701.179900 |
| 345 - 346 | 9.95                  | 35°13'03"NE | 346         | 622,945.118700  | 2,517,709.312400 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 346 - 347 | 5.25                  | 35°13'03"NE | 347         | 622,948.144600  | 2,517,713.599100 |
| 347 - 348 | 29.85                 | 77°11'44"NE | 348         | 622,977.248800  | 2,517,720.213700 |
| 348 - 349 | 27.14                 | 43°01'30"SE | 349         | 622,995.769700  | 2,517,700.369900 |
| 349 - 350 | 18.71                 | 08°07'47"NE | 350         | 622,998.415500  | 2,517,718.890800 |
| 350 - 351 | 28.56                 | 13°23'33"NW | 351         | 622,991.800900  | 2,517,746.672100 |
| 351 - 352 | 40.30                 | 23°11'54"NW | 352         | 622,975.925900  | 2,517,783.713800 |
| 352 - 353 | 49.80                 | 16°59'26"NE | 353         | 622,990.478000  | 2,517,831.338900 |
| 353 - 354 | 14.55                 | 90°00'00"NE | 354         | 623,005.030100  | 2,517,831.338900 |
| 354 - 355 | 22.61                 | 69°26'38"SE | 355         | 623,026.196800  | 2,517,823.401400 |
| 355 - 356 | 22.53                 | 40°14'10"SE | 356         | 623,040.748900  | 2,517,806.203400 |
| 356 - 357 | 14.06                 | 48°48'50"NE | 357         | 623,051.332300  | 2,517,815.463900 |
| 357 - 358 | 23.85                 | 33°41'24"NW | 358         | 623,038.103100  | 2,517,835.307700 |
| 358 - 359 | 24.86                 | 64°47'56"NW | 359         | 623,015.613500  | 2,517,845.891000 |
| 359 - 360 | 29.58                 | 79°41'42"NW | 360         | 622,986.509200  | 2,517,851.182700 |
| 360 - 361 | 20.68                 | 27°38'45"NW | 361         | 622,976.912400  | 2,517,869.503900 |
| 361 - 362 | 10.68                 | 27°38'45"NW | 362         | 622,971.957100  | 2,517,878.964000 |
| 362 - 363 | 23.14                 | 59°02'10"NE | 363         | 622,991.800900  | 2,517,890.870300 |
| 363 - 364 | 33.18                 | 85°25'33"SE | 364         | 623,024.873900  | 2,517,888.224400 |
| 364 - 365 | 9.60                  | 47°29'21"SE | 365         | 623,031.953000  | 2,517,881.735200 |
| 365 - 366 | 33.47                 | 47°29'22"SE | 366         | 623,056.624000  | 2,517,859.120200 |
| 366 - 367 | 24.29                 | 60°38'31"SE | 367         | 623,077.790700  | 2,517,847.213900 |
| 367 - 368 | 14.61                 | 05°11'39"NE | 368         | 623,079.113600  | 2,517,861.766000 |
| 368 - 369 | 32.40                 | 35°58'24"NW | 369         | 623,060.082100  | 2,517,887.986200 |
| 369 - 370 | 57.04                 | 12°43'32"NE | 370         | 623,072.647900  | 2,517,943.628600 |
| 370 - 371 | 57.81                 | 09°21'59"NW | 371         | 623,063.238600  | 2,518,000.672600 |
| 371 - 372 | 66.12                 | 19°53'06"NE | 372         | 623,085.728200  | 2,518,062.849800 |
| 372 - 373 | 39.23                 | 32°51'30"NE | 373         | 623,107.014000  | 2,518,095.804900 |
| 373 - 374 | 113.02                | 38°47'58"NW | 374         | 623,036.194200  | 2,518,183.888100 |
| 374 - 375 | 21.38                 | 16°22'36"NW | 375         | 623,030.165600  | 2,518,204.402200 |
| 375 - 376 | 17.25                 | 32°28'16"NE | 376         | 623,039.426000  | 2,518,218.954300 |
| 376 - 377 | 0.95                  | 34°49'42"NE | 377         | 623,039.967300  | 2,518,219.732300 |
| 377 - 378 | 36.12                 | 34°49'27"NE | 378         | 623,060.592700  | 2,518,249.381400 |
| 378 - 379 | 25.17                 | 03°00'45"NE | 379         | 623,061.915600  | 2,518,274.516900 |
| 379 - 380 | 11.38                 | 54°27'43"NW | 380         | 623,052.655200  | 2,518,281.131500 |
| 380 - 381 | 34.62                 | 04°17'28"NW | 381         | 623,050.064600  | 2,518,315.657000 |
| 381 - 382 | 127.02                | 35°37'06"NE | 382         | 623,124.040100  | 2,518,418.914400 |
| 382 - 383 | 43.48                 | 01°40'27"NW | 383         | 623,122.769900  | 2,518,462.371400 |
| 383 - 384 | 49.23                 | 06°10'12"NE | 384         | 623,128.061600  | 2,518,511.319400 |
| 384 - 385 | 147.94                | 15°01'49"NE | 385         | 623,166.426300  | 2,518,654.194700 |
| 385 - 386 | 21.93                 | 32°49'42"NE | 386         | 623,178.317200  | 2,518,672.625600 |
| 386 - 387 | 75.68                 | 32°49'42"NE | 387         | 623,219.343000  | 2,518,736.215700 |
| 387 - 388 | 76.01                 | 31°28'36"NE | 388         | 623,259.030600  | 2,518,801.038800 |
| 388 - 389 | 98.04                 | 03°05'38"NE | 389         | 623,264.322300  | 2,518,898.934800 |
| 389 - 390 | 76.28                 | 14°27'40"NE | 390         | 623,283.372200  | 2,518,972.800900 |
| 390 - 391 | 321.20                | 22°27'38"NE | 391         | 623,406.086300  | 2,519,269.633500 |
| 391 - 392 | 53.37                 | 22°27'39"NE | 392         | 623,426.477100  | 2,519,318.956500 |
| 392 - 393 | 33.54                 | 31°58'46"NE | 393         | 623,444.239300  | 2,519,347.404400 |
| 393 - 394 | 64.55                 | 45°49'49"NE | 394         | 623,490.541500  | 2,519,392.383700 |
| 394 - 395 | 39.06                 | 78°21'59"NE | 395         | 623,528.795500  | 2,519,400.259500 |
| 395 - 396 | 6.87                  | 78°21'59"NE | 396         | 623,535.520800  | 2,519,401.644100 |
| 396 - 397 | 40.75                 | 76°51'57"SE | 397         | 623,575.208300  | 2,519,392.383700 |
| 397 - 398 | 25.41                 | 38°39'35"NE | 398         | 623,591.083400  | 2,519,412.227500 |
| 398 - 399 | 18.52                 | 90°00'00"NE | 399         | 623,609.604200  | 2,519,412.227500 |
| 399 - 400 | 17.40                 | 81°15'14"NE | 400         | 623,626.802200  | 2,519,414.873300 |
| 400 - 401 | 13.23                 | 00°00'00"NE | 401         | 623,626.802200  | 2,519,428.102500 |
| 401 - 402 | 15.98                 | 24°26'38"NW | 402         | 623,620.187600  | 2,519,442.654600 |
| 402 - 403 | 13.49                 | 78°41'23"NW | 403         | 623,606.958400  | 2,519,445.300500 |
| 403 - 404 | 13.38                 | 41°11'10"NW | 404         | 623,598.149000  | 2,519,455.368300 |



| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 404 - 405 | 0.68                  | 41°10'55"N | 405         | 623,597.698000  | 2,519,455.883800 |
| 405 - 406 | 28.62                 | 33°41'23"N | 406         | 623,613.573000  | 2,519,479.696400 |
| 406 - 407 | 40.17                 | 65°08'10"N | 407         | 623,650.023100  | 2,519,496.587900 |
| 407 - 408 | 19.61                 | 65°08'11"N | 408         | 623,667.812700  | 2,519,504.831800 |
| 408 - 409 | 34.50                 | 57°31'43"N | 409         | 623,696.916900  | 2,519,523.352700 |
| 409 - 410 | 22.76                 | 54°27'44"N | 410         | 623,715.437800  | 2,519,536.581900 |
| 410 - 411 | 21.39                 | 25°30'50"N | 411         | 623,724.652600  | 2,519,555.889000 |
| 411 - 412 | 4.07                  | 51°31'41"N | 412         | 623,727.840600  | 2,519,558.422300 |
| 412 - 413 | 35.22                 | 05°39'29"N | 413         | 623,731.312800  | 2,519,593.467400 |
| 413 - 414 | 22.84                 | 10°00'28"N | 414         | 623,735.281600  | 2,519,615.957100 |
| 414 - 415 | 22.76                 | 35°32'16"N | 415         | 623,748.510800  | 2,519,634.477900 |
| 415 - 416 | 17.25                 | 57°31'42"N | 416         | 623,733.958700  | 2,519,643.738400 |
| 416 - 417 | 23.67                 | 63°26'05"S | 417         | 623,712.791900  | 2,519,633.155000 |
| 417 - 418 | 26.09                 | 59°32'03"S | 418         | 623,690.302300  | 2,519,619.925800 |
| 418 - 419 | 94.45                 | 87°51'19"S | 419         | 623,595.914000  | 2,519,616.391200 |
| 419 - 420 | 21.87                 | 71°12'00"S | 420         | 623,575.208300  | 2,519,609.342500 |
| 420 - 421 | 33.31                 | 83°09'26"N | 421         | 623,542.135400  | 2,519,613.311200 |
| 421 - 422 | 30.56                 | 62°34'00"S | 422         | 623,515.013500  | 2,519,599.232600 |
| 422 - 423 | 98.71                 | 27°38'45"S | 423         | 623,469.209900  | 2,519,511.789400 |
| 423 - 424 | 9.92                  | 14°29'05"S | 424         | 623,466.729000  | 2,519,502.186000 |
| 424 - 425 | 10.58                 | 90°00'00"N | 425         | 623,456.145600  | 2,519,502.186000 |
| 425 - 426 | 10.67                 | 29°44'42"N | 426         | 623,450.853900  | 2,519,511.446400 |
| 426 - 427 | 2.82                  | 03°54'01"N | 427         | 623,450.661900  | 2,519,514.262400 |
| 427 - 428 | 8.16                  | 03°54'00"N | 428         | 623,450.107100  | 2,519,522.400100 |
| 428 - 429 | 47.36                 | 03°54'01"N | 429         | 623,446.885200  | 2,519,569.654900 |
| 429 - 430 | 99.34                 | 09°41'39"N | 430         | 623,463.613700  | 2,519,667.579600 |
| 430 - 431 | 249.52                | 25°12'42"N | 431         | 623,569.898400  | 2,519,893.326200 |
| 431 - 432 | 112.91                | 46°49'53"N | 432         | 623,652.245600  | 2,519,970.569900 |
| 432 - 433 | 91.34                 | 08°28'02"N | 433         | 623,665.695600  | 2,520,060.917100 |
| 433 - 434 | 65.88                 | 49°01'41"N | 434         | 623,715.437800  | 2,520,104.114300 |
| 434 - 435 | 66.48                 | 58°50'26"N | 435         | 623,772.323300  | 2,520,138.510200 |
| 435 - 436 | 185.20                | 80°01'15"N | 436         | 623,954.721200  | 2,520,170.603200 |
| 436 - 437 | 22.44                 | 50°42'15"N | 437         | 623,972.084100  | 2,520,184.812400 |
| 437 - 438 | 49.37                 | 03°15'49"N | 438         | 623,969.273400  | 2,520,234.103300 |
| 438 - 439 | 85.84                 | 88°53'17"S | 439         | 623,883.448500  | 2,520,232.437500 |
| 439 - 440 | 17.29                 | 50°47'39"N | 440         | 623,870.054400  | 2,520,243.363700 |
| 440 - 441 | 15.05                 | 31°05'49"N | 441         | 623,862.281800  | 2,520,256.250000 |
| 441 - 442 | 14.79                 | 10°18'18"N | 442         | 623,864.927700  | 2,520,270.802100 |
| 442 - 443 | 110.12                | 16°02'23"N | 443         | 623,895.354800  | 2,520,376.635700 |
| 443 - 444 | 38.46                 | 49°11'05"N | 444         | 623,924.459000  | 2,520,401.771100 |
| 444 - 445 | 35.23                 | 55°42'47"N | 445         | 623,953.563300  | 2,520,421.614900 |
| 445 - 446 | 25.76                 | 43°36'09"N | 446         | 623,971.328400  | 2,520,440.268300 |
| 446 - 447 | 16.95                 | 55°00'04"N | 447         | 623,957.443200  | 2,520,449.990400 |
| 447 - 448 | 27.70                 | 88°29'33"N | 448         | 623,929.750700  | 2,520,450.719100 |
| 448 - 449 | 66.48                 | 58°50'26"S | 449         | 623,872.865200  | 2,520,416.323200 |
| 449 - 450 | 28.01                 | 33°07'12"S | 450         | 623,857.558500  | 2,520,392.860900 |
| 450 - 451 | 80.17                 | 16°50'14"S | 451         | 623,834.335600  | 2,520,316.124300 |
| 451 - 452 | 18.59                 | 29°17'05"S | 452         | 623,825.240100  | 2,520,299.906300 |
| 452 - 453 | 141.41                | 62°42'56"S | 453         | 623,699.562800  | 2,520,235.083300 |
| 453 - 454 | 58.25                 | 69°03'19"S | 454         | 623,645.158100  | 2,520,214.259500 |
| 454 - 455 | 40.06                 | 75°10'24"N | 455         | 623,606.436100  | 2,520,224.509500 |
| 455 - 456 | 2.10                  | 10°13'32"N | 456         | 623,606.062800  | 2,520,226.578900 |
| 456 - 457 | 40.01                 | 19°57'25"N | 457         | 623,592.406300  | 2,520,264.187500 |
| 457 - 458 | 43.84                 | 05°11'39"N | 458         | 623,596.375000  | 2,520,307.843900 |
| 458 - 459 | 44.05                 | 14°19'27"N | 459         | 623,607.274400  | 2,520,350.528700 |
| 459 - 460 | 99.16                 | 27°26'22"N | 460         | 623,652.967300  | 2,520,438.529900 |
| 460 - 461 | 51.98                 | 14°44'36"N | 461         | 623,666.196500  | 2,520,488.800800 |
| 461 - 462 | 17.94                 | 42°16'25"N | 462         | 623,678.262600  | 2,520,502.073500 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 462 - 463 | 32.24                 | 24°29'01"NE | 463         | 623,691.625200  | 2,520,531.417200 |
| 463 - 464 | 52.92                 | 36°52'11"NE | 464         | 623,723.375300  | 2,520,573.750600 |
| 464 - 465 | 57.94                 | 57°06'27"NE | 465         | 623,772.030100  | 2,520,605.217700 |
| 465 - 466 | 21.33                 | 29°44'41"NW | 466         | 623,761.446700  | 2,520,623.738600 |
| 466 - 467 | 57.86                 | 79°27'39"NW | 467         | 623,704.561200  | 2,520,634.321900 |
| 467 - 468 | 37.14                 | 04°05'08"NW | 468         | 623,701.915300  | 2,520,671.363700 |
| 468 - 469 | 14.88                 | 73°23'47"NW | 469         | 623,687.656500  | 2,520,675.615400 |
| 469 - 470 | 22.76                 | 54°27'44"SW | 470         | 623,669.135600  | 2,520,662.386200 |
| 470 - 471 | 33.73                 | 48°10'47"SW | 471         | 623,644.000100  | 2,520,639.896600 |
| 471 - 472 | 40.25                 | 50°35'45"SW | 472         | 623,612.901600  | 2,520,614.348300 |
| 472 - 473 | 3.91                  | 50°42'35"NW | 473         | 623,609.877400  | 2,520,616.822700 |
| 473 - 474 | 7.19                  | 50°42'38"NW | 474         | 623,604.312600  | 2,520,621.375700 |
| 474 - 475 | 17.65                 | 12°59'40"NW | 475         | 623,600.343800  | 2,520,638.573700 |
| 475 - 476 | 51.86                 | 05°51'21"NE | 476         | 623,605.635500  | 2,520,690.167500 |
| 476 - 477 | 117.87                | 10°44'09"NE | 477         | 623,627.592000  | 2,520,805.971900 |
| 477 - 478 | 87.40                 | 44°20'42"NE | 478         | 623,688.686100  | 2,520,868.478600 |
| 478 - 479 | 22.53                 | 89°00'44"SE | 479         | 623,711.211800  | 2,520,868.090300 |
| 479 - 480 | 130.95                | 89°00'44"SE | 480         | 623,842.144800  | 2,520,865.832800 |
| 480 - 481 | 101.81                | 64°38'16"NE | 481         | 623,934.138900  | 2,520,909.440400 |
| 481 - 482 | 112.00                | 80°45'27"NE | 482         | 624,044.686500  | 2,520,927.429100 |
| 482 - 483 | 34.55                 | 61°15'09"SE | 483         | 624,074.978600  | 2,520,910.812100 |
| 483 - 484 | 59.82                 | 18°02'03"SE | 484         | 624,093.499400  | 2,520,853.926500 |
| 484 - 485 | 55.77                 | 67°41'37"SE | 485         | 624,145.093300  | 2,520,832.759800 |
| 485 - 486 | 28.50                 | 68°11'54"NE | 486         | 624,171.551700  | 2,520,843.343200 |
| 486 - 487 | 14.21                 | 03°48'49"NE | 487         | 624,172.496800  | 2,520,857.520600 |
| 487 - 488 | 16.33                 | 68°37'45"NW | 488         | 624,157.292800  | 2,520,863.470000 |
| 488 - 489 | 24.71                 | 15°31'26"NW | 489         | 624,150.678200  | 2,520,887.282500 |
| 489 - 490 | 43.88                 | 05°55'34"NE | 490         | 624,155.208200  | 2,520,930.923400 |
| 490 - 491 | 72.69                 | 76°10'24"NE | 491         | 624,225.791400  | 2,520,948.294800 |
| 491 - 492 | 59.24                 | 29°25'38"NE | 492         | 624,254.895600  | 2,520,999.888600 |
| 492 - 493 | 64.62                 | 38°07'05"NW | 493         | 624,215.004100  | 2,521,050.730700 |
| 493 - 494 | 100.91                | 26°31'25"NE | 494         | 624,260.067800  | 2,521,141.020400 |
| 494 - 495 | 77.85                 | 20°13'22"NW | 495         | 624,233.155700  | 2,521,214.074700 |
| 495 - 496 | 170.76                | 26°54'59"NE | 496         | 624,310.458200  | 2,521,366.337300 |
| 496 - 497 | 79.77                 | 05°42'38"NE | 497         | 624,318.395700  | 2,521,445.712400 |
| 497 - 498 | 83.44                 | 87°16'25"SW | 498         | 624,235.051800  | 2,521,441.743700 |
| 498 - 499 | 28.76                 | 29°43'14"NW | 499         | 624,220.793000  | 2,521,466.721200 |
| 499 - 500 | 54.48                 | 03°05'33"NW | 500         | 624,217.853900  | 2,521,521.118800 |
| 500 - 501 | 102.48                | 39°14'14"NE | 501         | 624,282.676900  | 2,521,600.494000 |
| 501 - 502 | 27.78                 | 00°00'00"NE | 502         | 624,282.676900  | 2,521,628.275300 |
| 502 - 503 | 49.80                 | 73°00'33"NW | 503         | 624,235.051800  | 2,521,642.827400 |
| 503 - 504 | 43.19                 | 49°58'11"SW | 504         | 624,201.978800  | 2,521,615.046100 |
| 504 - 505 | 65.16                 | 84°10'25"SW | 505         | 624,137.155800  | 2,521,608.431500 |
| 505 - 506 | 61.61                 | 68°51'36"NW | 506         | 624,079.695600  | 2,521,630.649400 |
| 506 - 507 | 10.31                 | 20°13'21"NW | 507         | 624,076.132300  | 2,521,640.322300 |
| 507 - 508 | 105.22                | 02°46'56"NW | 508         | 624,071.024700  | 2,521,745.415000 |
| 508 - 509 | 135.54                | 26°40'23"NE | 509         | 624,131.870700  | 2,521,866.534700 |
| 509 - 510 | 117.50                | 41°31'59"NE | 510         | 624,209.777700  | 2,521,954.490000 |
| 510 - 511 | 51.99                 | 40°25'29"NE | 511         | 624,243.490100  | 2,521,994.067200 |
| 511 - 512 | 37.50                 | 54°36'03"NE | 512         | 624,274.054700  | 2,522,015.787500 |
| 512 - 513 | 91.96                 | 65°13'42"NE | 513         | 624,357.548700  | 2,522,054.317000 |
| 513 - 514 | 112.82                | 86°17'42"NE | 514         | 624,470.129200  | 2,522,061.607100 |
| 514 - 515 | 30.47                 | 83°25'40"NE | 515         | 624,500.399200  | 2,522,065.094500 |
| 515 - 516 | 19.50                 | 83°25'40"NE | 516         | 624,519.772700  | 2,522,067.326500 |
| 516 - 517 | 22.02                 | 57°15'53"NE | 517         | 624,538.293600  | 2,522,079.232800 |
| 517 - 518 | 45.41                 | 11°32'47"NE | 518         | 624,547.382200  | 2,522,123.719300 |
| 518 - 519 | 12.22                 | 11°32'49"NE | 519         | 624,549.827500  | 2,522,135.688100 |
| 519 - 520 | 67.95                 | 11°32'48"NE | 520         | 624,563.429100  | 2,522,202.264300 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 520 - 521 | 81.71                 | 14°02'10"N | 521         | 624,543.612700  | 2,522,281.529900 |
| 521 - 522 | 54.66                 | 14°02'10"N | 522         | 624,530.356100  | 2,522,334.556200 |
| 522 - 523 | 143.16                | 01°57'41"E | 523         | 624,535.256200  | 2,522,477.631400 |
| 523 - 524 | 178.39                | 13°27'25"E | 524         | 624,576.770600  | 2,522,651.123000 |
| 524 - 525 | 36.14                 | 43°49'36"E | 525         | 624,601.793700  | 2,522,677.192300 |
| 525 - 526 | 50.29                 | 26°33'54"E | 526         | 624,624.283400  | 2,522,722.171600 |
| 526 - 527 | 90.59                 | 28°48'38"E | 527         | 624,667.939700  | 2,522,801.546800 |
| 527 - 528 | 53.26                 | 14°22'53"E | 528         | 624,681.168900  | 2,522,853.140600 |
| 528 - 529 | 188.03                | 23°15'46"E | 529         | 624,755.431100  | 2,523,025.883900 |
| 529 - 530 | 129.45                | 05°21'24"N | 530         | 624,743.346100  | 2,523,154.766200 |
| 530 - 531 | 44.78                 | 09°01'03"E | 531         | 624,750.364700  | 2,523,198.991800 |
| 531 - 532 | 18.28                 | 18°28'03"E | 532         | 624,756.155200  | 2,523,216.330300 |
| 532 - 533 | 23.36                 | 78°41'24"E | 533         | 624,779.064900  | 2,523,220.912200 |
| 533 - 534 | 60.33                 | 15°15'18"E | 534         | 624,794.939900  | 2,523,279.120600 |
| 534 - 535 | 72.27                 | 04°56'50"E | 535         | 624,801.172800  | 2,523,351.125000 |
| 535 - 536 | 79.70                 | 18°28'04"E | 536         | 624,826.421000  | 2,523,426.724800 |
| 536 - 537 | 206.41                | 11°24'23"N | 537         | 624,785.599200  | 2,523,629.060400 |
| 537 - 538 | 31.68                 | 22°02'48"E | 538         | 624,797.492200  | 2,523,658.427400 |
| 538 - 539 | 127.77                | 22°02'48"E | 539         | 624,845.451700  | 2,523,776.852300 |
| 539 - 540 | 462.74                | 01°20'45"E | 540         | 624,856.322100  | 2,524,239.460300 |
| 540 - 541 | 182.08                | 27°26'09"E | 541         | 624,940.218400  | 2,524,401.064800 |
| 541 - 542 | 153.32                | 27°26'09"E | 542         | 625,010.861700  | 2,524,537.140500 |
| 542 - 543 | 235.73                | 02°10'54"E | 543         | 625,019.836200  | 2,524,772.696500 |
| 543 - 544 | 35.74                 | 02°07'15"E | 544         | 625,021.159100  | 2,524,808.415400 |
| 544 - 545 | 3.60                  | 15°15'21"E | 545         | 625,022.105500  | 2,524,811.885300 |
| 545 - 546 | 41.65                 | 15°15'18"E | 546         | 625,033.065400  | 2,524,852.071700 |
| 546 - 547 | 20.90                 | 88°05'26"S | 547         | 625,053.956400  | 2,524,851.375300 |
| 547 - 548 | 18.81                 | 88°05'27"S | 548         | 625,072.753000  | 2,524,850.748800 |
| 548 - 549 | 19.84                 | 36°52'12"E | 549         | 625,084.659300  | 2,524,866.623800 |
| 549 - 550 | 40.40                 | 18°07'05"E | 550         | 625,097.221900  | 2,524,905.017800 |
| 550 - 551 | 54.66                 | 68°44'38"E | 551         | 625,148.159400  | 2,524,924.832300 |
| 551 - 552 | 42.02                 | 61°49'17"E | 552         | 625,185.201100  | 2,524,944.676000 |
| 552 - 553 | 26.01                 | 23°16'09"E | 553         | 625,195.476100  | 2,524,968.569500 |
| 553 - 554 | 1.46                  | 57°06'20"E | 554         | 625,196.705400  | 2,524,969.364600 |
| 554 - 555 | 11.65                 | 02°34'18"E | 555         | 625,197.228300  | 2,524,981.006700 |
| 555 - 556 | 292.23                | 07°28'58"E | 556         | 625,235.285100  | 2,525,270.743800 |
| 556 - 557 | 60.84                 | 21°42'35"N | 557         | 625,212.781300  | 2,525,327.264900 |
| 557 - 558 | 0.33                  | 14°42'58"E | 558         | 625,212.865400  | 2,525,327.585100 |
| 558 - 559 | 21.28                 | 14°43'27"E | 559         | 625,218.274100  | 2,525,348.166400 |
| 559 - 560 | 25.69                 | 55°29'28"E | 560         | 625,239.440800  | 2,525,362.718600 |
| 560 - 561 | 48.07                 | 47°39'27"E | 561         | 625,274.972700  | 2,525,395.098200 |
| 561 - 562 | 101.70                | 11°59'07"E | 562         | 625,296.091700  | 2,525,494.579900 |
| 562 - 563 | 30.88                 | 02°01'11"N | 563         | 625,295.003400  | 2,525,525.437600 |
| 563 - 564 | 31.86                 | 04°45'49"E | 564         | 625,297.649300  | 2,525,557.187700 |
| 564 - 565 | 71.60                 | 16°05'26"E | 565         | 625,317.493100  | 2,525,625.979500 |
| 565 - 566 | 66.16                 | 01°08'44"N | 566         | 625,316.170200  | 2,525,692.125500 |
| 566 - 567 | 154.00                | 06°07'22"E | 567         | 625,332.595700  | 2,525,845.243100 |
| 567 - 568 | 89.93                 | 28°30'26"E | 568         | 625,375.514500  | 2,525,924.265900 |
| 568 - 569 | 115.75                | 07°54'38"N | 569         | 625,359.583200  | 2,526,038.918500 |
| 569 - 570 | 46.71                 | 47°31'37"E | 570         | 625,394.037700  | 2,526,070.460200 |
| 570 - 571 | 311.62                | 10°04'28"E | 571         | 625,448.550200  | 2,526,377.277600 |
| 571 - 572 | 47.39                 | 05°33'09"N | 572         | 625,443.964400  | 2,526,424.447800 |
| 572 - 573 | 90.38                 | 35°04'30"E | 573         | 625,495.900200  | 2,526,498.412900 |
| 573 - 574 | 60.85                 | 00°00'00"E | 574         | 625,495.900200  | 2,526,559.267200 |
| 574 - 575 | 59.68                 | 62°34'35"N | 575         | 625,442.926000  | 2,526,586.753800 |
| 575 - 576 | 26.67                 | 00°21'59"N | 576         | 625,442.755400  | 2,526,613.419200 |
| 576 - 577 | 83.96                 | 58°36'01"E | 577         | 625,514.421100  | 2,526,657.163200 |
| 577 - 578 | 60.98                 | 03°43'52"E | 578         | 625,518.389800  | 2,526,718.017500 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 578 - 579 | 48.15                 | 37°11'05"NW | 579         | 625,489.285600  | 2,526,756.382100 |
| 579 - 580 | 37.77                 | 52°31'26"SW | 580         | 625,459.310100  | 2,526,733.401000 |
| 580 - 581 | 15.69                 | 70°49'16"NW | 581         | 625,444.493300  | 2,526,738.554600 |
| 581 - 582 | 7.56                  | 19°58'58"NW | 582         | 625,441.909400  | 2,526,745.660400 |
| 582 - 583 | 7.92                  | 19°58'58"NW | 583         | 625,439.201700  | 2,526,753.106700 |
| 583 - 584 | 11.29                 | 62°21'12"NE | 584         | 625,449.204000  | 2,526,758.346100 |
| 584 - 585 | 20.07                 | 62°21'14"NE | 585         | 625,466.983000  | 2,526,767.658900 |
| 585 - 586 | 16.15                 | 34°59'30"NE | 586         | 625,476.243400  | 2,526,780.888100 |
| 586 - 587 | 10.33                 | 35°32'16"NW | 587         | 625,470.241900  | 2,526,789.290100 |
| 587 - 588 | 12.44                 | 35°32'15"NW | 588         | 625,463.014200  | 2,526,799.408900 |
| 588 - 589 | 35.99                 | 17°06'10"NE | 589         | 625,473.597600  | 2,526,833.804800 |
| 589 - 590 | 34.32                 | 62°26'49"NE | 590         | 625,504.024700  | 2,526,849.679900 |
| 590 - 591 | 21.85                 | 50°11'40"NE | 591         | 625,520.807600  | 2,526,863.665600 |
| 591 - 592 | 9.15                  | 50°11'39"NE | 592         | 625,527.837200  | 2,526,869.523600 |
| 592 - 593 | 16.23                 | 04°23'54"NW | 593         | 625,526.592300  | 2,526,885.707900 |
| 593 - 594 | 35.51                 | 04°23'55"NW | 594         | 625,523.868500  | 2,526,921.117500 |
| 594 - 595 | 35.79                 | 11°39'48"NE | 595         | 625,531.104200  | 2,526,956.169800 |
| 595 - 596 | 27.42                 | 52°53'44"NE | 596         | 625,552.972700  | 2,526,972.711400 |
| 596 - 597 | 75.42                 | 01°00'18"NE | 597         | 625,554.295600  | 2,527,048.117800 |
| 597 - 598 | 42.68                 | 20°12'12"NW | 598         | 625,539.556500  | 2,527,088.170300 |
| 598 - 599 | 72.52                 | 75°12'11"SW | 599         | 625,469.441800  | 2,527,069.649400 |
| 599 - 600 | 109.53                | 20°33'21"NW | 600         | 625,430.984600  | 2,527,172.202000 |
| 600 - 601 | 23.14                 | 35°42'43"NE | 601         | 625,444.493300  | 2,527,190.993000 |
| 601 - 602 | 22.49                 | 00°00'00"NE | 602         | 625,444.493300  | 2,527,213.482700 |
| 602 - 603 | 13.30                 | 05°42'37"NW | 603         | 625,443.170400  | 2,527,226.711900 |
| 603 - 604 | 27.19                 | 42°30'37"NW | 604         | 625,424.798700  | 2,527,246.753700 |
| 604 - 605 | 15.88                 | 42°30'37"NW | 605         | 625,414.066200  | 2,527,258.461900 |
| 605 - 606 | 42.33                 | 00°00'00"NE | 606         | 625,414.066200  | 2,527,300.795300 |
| 606 - 607 | 48.84                 | 10°42'23"NE | 607         | 625,423.139600  | 2,527,348.785400 |
| 607 - 608 | 50.64                 | 70°08'41"NE | 608         | 625,470.764700  | 2,527,365.983400 |
| 608 - 609 | 51.43                 | 34°44'35"NW | 609         | 625,441.453900  | 2,527,408.245400 |
| 609 - 610 | 36.41                 | 45°42'26"SW | 610         | 625,415.389100  | 2,527,382.816300 |
| 610 - 611 | 18.38                 | 30°15'22"NW | 611         | 625,406.128700  | 2,527,398.691400 |
| 611 - 612 | 28.40                 | 27°45'31"NE | 612         | 625,419.357900  | 2,527,423.826800 |
| 612 - 613 | 14.64                 | 04°34'25"NE | 613         | 625,420.525400  | 2,527,438.421400 |
| 613 - 614 | 18.54                 | 04°34'26"NE | 614         | 625,422.003700  | 2,527,456.899800 |
| 614 - 615 | 44.35                 | 50°06'04"NW | 615         | 625,387.981300  | 2,527,485.345600 |
| 615 - 616 | 54.37                 | 34°44'35"NW | 616         | 625,356.993700  | 2,527,530.025400 |
| 616 - 617 | 23.85                 | 70°33'36"NW | 617         | 625,334.504000  | 2,527,537.962900 |
| 617 - 618 | 95.43                 | 14°49'05"SW | 618         | 625,310.097000  | 2,527,445.704300 |
| 618 - 619 | 10.43                 | 64°28'46"SW | 619         | 625,300.682500  | 2,527,441.209700 |
| 619 - 620 | 0.43                  | 64°29'08"SW | 620         | 625,300.295100  | 2,527,441.024800 |
| 620 - 621 | 40.37                 | 20°54'50"NW | 621         | 625,285.884700  | 2,527,478.734400 |
| 621 - 622 | 113.55                | 03°22'56"NE | 622         | 625,292.584000  | 2,527,592.083000 |
| 622 - 623 | 51.12                 | 16°14'47"NE | 623         | 625,306.885800  | 2,527,641.161500 |
| 623 - 624 | 35.96                 | 61°26'55"NE | 624         | 625,338.472800  | 2,527,658.348500 |
| 624 - 625 | 117.69                | 23°16'03"NE | 625         | 625,384.962000  | 2,527,766.462900 |
| 625 - 626 | 31.51                 | 33°41'23"NE | 626         | 625,402.440600  | 2,527,792.680900 |
| 626 - 627 | 30.50                 | 33°41'24"NE | 627         | 625,419.357900  | 2,527,818.056800 |
| 627 - 628 | 36.40                 | 70°54'23"NE | 628         | 625,453.753800  | 2,527,829.963100 |
| 628 - 629 | 72.80                 | 52°56'36"NE | 629         | 625,511.848600  | 2,527,873.830600 |
| 629 - 630 | 8.43                  | 52°56'36"NE | 630         | 625,518.576800  | 2,527,878.911100 |
| 630 - 631 | 8.75                  | 71°50'03"NE | 631         | 625,526.892600  | 2,527,881.639700 |
| 631 - 632 | 80.36                 | 71°50'02"NE | 632         | 625,603.243600  | 2,527,906.692400 |
| 632 - 633 | 88.86                 | 84°39'10"NE | 633         | 625,691.714300  | 2,527,914.972800 |
| 633 - 634 | 57.64                 | 10°25'40"NE | 634         | 625,702.147700  | 2,527,971.664700 |
| 634 - 635 | 14.77                 | 37°15'58"NW | 635         | 625,693.202200  | 2,527,983.421700 |
| 635 - 636 | 35.62                 | 15°04'06"NE | 636         | 625,702.462600  | 2,528,017.817600 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 636 - 637 | 50.92                 | 19°31'04"NE | 637         | 625,719.473600  | 2,528,065.807700 |
| 637 - 638 | 31.22                 | 88°29'33"NW | 638         | 625,688.267600  | 2,528,066.628900 |
| 638 - 639 | 22.79                 | 09°14'07"NW | 639         | 625,684.609800  | 2,528,089.124500 |
| 639 - 640 | 50.92                 | 08°12'25"NE | 640         | 625,691.879200  | 2,528,139.526200 |
| 640 - 641 | 25.45                 | 27°53'49"NW | 641         | 625,679.973000  | 2,528,162.015800 |
| 641 - 642 | 7.32                  | 85°54'50"NW | 642         | 625,672.672700  | 2,528,162.537300 |
| 642 - 643 | 11.25                 | 85°54'53"NW | 643         | 625,661.452100  | 2,528,163.338700 |
| 643 - 644 | 23.85                 | 03°10'47"NW | 644         | 625,660.129200  | 2,528,187.151300 |
| 644 - 645 | 12.72                 | 32°16'32"NE | 645         | 625,666.921700  | 2,528,197.906100 |
| 645 - 646 | 17.01                 | 32°16'31"NE | 646         | 625,676.004200  | 2,528,212.286800 |
| 646 - 647 | 14.50                 | 60°15'19"NW | 647         | 625,663.413500  | 2,528,219.481400 |
| 647 - 648 | 4.97                  | 60°15'17"NW | 648         | 625,659.099800  | 2,528,221.946400 |
| 648 - 649 | 1.86                  | 60°15'19"NW | 649         | 625,657.483300  | 2,528,222.870100 |
| 649 - 650 | 17.90                 | 47°42'12"SW | 650         | 625,644.241000  | 2,528,210.822000 |
| 650 - 651 | 88.49                 | 83°17'24"NW | 651         | 625,556.354900  | 2,528,221.161500 |
| 651 - 652 | 16.21                 | 61°29'07"NW | 652         | 625,542.108500  | 2,528,228.901400 |
| 652 - 653 | 49.84                 | 60°29'18"SW | 653         | 625,498.733000  | 2,528,204.349200 |
| 653 - 654 | 10.91                 | 75°57'48"NW | 654         | 625,488.149700  | 2,528,206.995100 |
| 654 - 655 | 45.49                 | 20°10'26"NE | 655         | 625,503.837700  | 2,528,249.693500 |
| 655 - 656 | 115.06                | 17°23'35"NE | 656         | 625,538.233600  | 2,528,359.495800 |
| 656 - 657 | 64.88                 | 73°24'45"NE | 657         | 625,600.410800  | 2,528,378.016600 |
| 657 - 658 | 37.57                 | 12°29'24"NE | 658         | 625,608.535300  | 2,528,414.693400 |
| 658 - 659 | 43.07                 | 47°29'22"NE | 659         | 625,640.285400  | 2,528,443.797600 |
| 659 - 660 | 65.83                 | 34°56'08"NE | 660         | 625,677.982200  | 2,528,497.762800 |
| 660 - 661 | 73.15                 | 56°24'21"NE | 661         | 625,738.912600  | 2,528,538.235600 |
| 661 - 662 | 17.33                 | 16°14'40"NE | 662         | 625,743.760600  | 2,528,554.874200 |
| 662 - 663 | 177.63                | 16°14'40"NE | 663         | 625,793.449600  | 2,528,725.410400 |
| 663 - 664 | 248.61                | 02°22'23"NW | 664         | 625,783.155500  | 2,528,973.806900 |
| 664 - 665 | 337.35                | 12°52'06"NE | 665         | 625,858.288600  | 2,529,302.684300 |
| 665 - 666 | 138.23                | 09°59'49"NW | 666         | 625,834.292300  | 2,529,438.816100 |
| 666 - 667 | 127.91                | 09°59'49"NW | 667         | 625,812.086800  | 2,529,564.788500 |
| 667 - 668 | 109.81                | 04°29'04"NE | 668         | 625,820.672900  | 2,529,674.261700 |
| 668 - 669 | 32.23                 | 20°03'21"NW | 669         | 625,809.619100  | 2,529,704.539700 |
| 669 - 670 | 30.23                 | 23°11'55"NW | 670         | 625,797.712800  | 2,529,732.321000 |
| 670 - 671 | 51.90                 | 09°00'44"NW | 671         | 625,789.582600  | 2,529,783.582000 |
| 671 - 672 | 104.04                | 07°08'16"NE | 672         | 625,802.510100  | 2,529,886.811400 |
| 672 - 673 | 59.12                 | 14°44'36"NE | 673         | 625,817.556600  | 2,529,943.988100 |
| 673 - 674 | 35.60                 | 25°33'35"NE | 674         | 625,832.917400  | 2,529,976.106200 |
| 674 - 675 | 31.85                 | 25°33'35"NE | 675         | 625,846.660800  | 2,530,004.842400 |
| 675 - 676 | 61.27                 | 57°01'58"NE | 676         | 625,898.063300  | 2,530,038.181600 |
| 676 - 677 | 124.50                | 46°22'57"NE | 677         | 625,988.198700  | 2,530,124.068600 |
| 677 - 678 | 42.54                 | 52°47'18"NE | 678         | 626,022.074100  | 2,530,149.792200 |
| 678 - 679 | 27.06                 | 85°59'08"NE | 679         | 626,049.067500  | 2,530,151.686500 |
| 679 - 680 | 28.31                 | 37°24'19"NE | 680         | 626,066.265400  | 2,530,174.176100 |
| 680 - 681 | 85.36                 | 47°52'43"NE | 681         | 626,129.578500  | 2,530,231.426600 |
| 681 - 682 | 143.67                | 14°22'12"NE | 682         | 626,165.234400  | 2,530,370.598300 |
| 682 - 683 | 169.03                | 00°51'41"NE | 683         | 626,167.776000  | 2,530,539.610900 |
| 683 - 684 | 49.58                 | 11°10'54"NE | 684         | 626,177.390600  | 2,530,588.249800 |
| 684 - 685 | 66.26                 | 03°26'01"NE | 685         | 626,181.359400  | 2,530,654.395800 |
| 685 - 686 | 31.81                 | 16°55'38"NE | 686         | 626,190.619800  | 2,530,684.822900 |
| 686 - 687 | 39.80                 | 15°25'19"NE | 687         | 626,201.203200  | 2,530,723.187600 |
| 687 - 688 | 0.18                  | 26°53'01"NW | 688         | 626,201.119600  | 2,530,723.352500 |
| 688 - 689 | 46.99                 | 26°52'33"NW | 689         | 626,179.879400  | 2,530,765.262800 |
| 689 - 690 | 26.49                 | 52°28'45"NW | 690         | 626,158.869800  | 2,530,781.396100 |
| 690 - 691 | 23.42                 | 26°33'54"NW | 691         | 626,148.396400  | 2,530,802.342800 |
| 691 - 692 | 50.53                 | 26°33'54"NW | 692         | 626,125.796800  | 2,530,847.542000 |
| 692 - 693 | 142.87                | 12°23'57"NW | 693         | 626,095.119700  | 2,530,987.078700 |
| 693 - 694 | 195.86                | 00°18'47"NE | 694         | 626,096.189900  | 2,531,182.933000 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 694 - 695 | 114.85                | 17°35'32"N | 695         | 626,130.901500  | 2,531,292.407900 |
| 695 - 696 | 72.48                 | 03°10'47"N | 696         | 626,134.922000  | 2,531,364.776900 |
| 696 - 697 | 14.26                 | 33°10'43"N | 697         | 626,127.119700  | 2,531,376.709700 |
| 697 - 698 | 47.70                 | 03°10'47"N | 698         | 626,124.473900  | 2,531,424.334800 |
| 698 - 699 | 75.70                 | 05°00'47"N | 699         | 626,117.859300  | 2,531,499.741200 |
| 699 - 700 | 47.79                 | 04°45'48"N | 700         | 626,121.828000  | 2,531,547.366300 |
| 700 - 701 | 132.28                | 17°37'41"N | 701         | 626,161.888600  | 2,531,673.437100 |
| 701 - 702 | 22.00                 | 27°23'32"N | 702         | 626,172.010600  | 2,531,692.970700 |
| 702 - 703 | 161.96                | 45°14'08"N | 703         | 626,287.005900  | 2,531,807.023500 |
| 703 - 704 | 62.40                 | 32°00'19"N | 704         | 626,320.078900  | 2,531,859.940300 |
| 704 - 705 | 106.43                | 06°52'54"N | 705         | 626,332.831900  | 2,531,965.608000 |
| 705 - 706 | 44.30                 | 61°45'12"N | 706         | 626,371.859800  | 2,531,986.575500 |
| 706 - 707 | 37.91                 | 29°14'55"N | 707         | 626,390.380600  | 2,532,019.648500 |
| 707 - 708 | 67.74                 | 39°54'58"N | 708         | 626,433.850000  | 2,532,071.607400 |
| 708 - 709 | 139.13                | 04°43'03"N | 709         | 626,445.293000  | 2,532,210.270000 |
| 709 - 710 | 134.31                | 04°43'03"N | 710         | 626,456.339600  | 2,532,344.128700 |
| 710 - 711 | 80.54                 | 14°15'52"N | 711         | 626,436.495800  | 2,532,422.181000 |
| 711 - 712 | 128.98                | 10°02'31"N | 712         | 626,458.985500  | 2,532,549.181200 |
| 712 - 713 | 42.52                 | 09°12'19"N | 713         | 626,465.787000  | 2,532,591.149700 |
| 713 - 714 | 44.04                 | 32°44'06"N | 714         | 626,441.974500  | 2,532,628.191400 |
| 714 - 715 | 29.37                 | 07°45'54"N | 715         | 626,438.005700  | 2,532,657.295600 |
| 715 - 716 | 32.00                 | 29°44'41"N | 716         | 626,453.880800  | 2,532,685.076900 |
| 716 - 717 | 22.53                 | 49°45'48"N | 717         | 626,436.682800  | 2,532,699.629100 |
| 717 - 718 | 36.49                 | 43°31'52"S | 718         | 626,411.547300  | 2,532,673.170700 |
| 718 - 719 | 34.42                 | 02°12'09"S | 719         | 626,412.870300  | 2,532,638.774800 |
| 719 - 720 | 29.01                 | 24°13'39"S | 720         | 626,424.776500  | 2,532,612.316400 |
| 720 - 721 | 3.90                  | 90°00'00"N | 721         | 626,420.878900  | 2,532,612.316400 |
| 721 - 722 | 12.27                 | 77°32'36"N | 722         | 626,408.901500  | 2,532,614.962200 |
| 722 - 723 | 104.10                | 26°12'59"N | 723         | 626,362.913100  | 2,532,708.354400 |
| 723 - 724 | 127.44                | 13°15'20"N | 724         | 626,333.691400  | 2,532,832.400100 |
| 724 - 725 | 98.30                 | 14°35'01"N | 725         | 626,358.443600  | 2,532,927.536200 |
| 725 - 726 | 14.75                 | 41°38'01"N | 726         | 626,368.242500  | 2,532,938.559900 |
| 726 - 727 | 39.12                 | 06°20'24"N | 727         | 626,363.922300  | 2,532,977.442100 |
| 727 - 728 | 40.84                 | 24°54'16"N | 728         | 626,381.120200  | 2,533,014.483900 |
| 728 - 729 | 29.64                 | 60°08'35"N | 729         | 626,406.825700  | 2,533,029.239500 |
| 729 - 730 | 81.33                 | 06°08'13"N | 730         | 626,398.131200  | 2,533,110.099000 |
| 730 - 731 | 100.28                | 59°02'10"N | 731         | 626,312.141400  | 2,533,161.692900 |
| 731 - 732 | 50.43                 | 85°29'09"N | 732         | 626,261.870500  | 2,533,165.661600 |
| 732 - 733 | 52.07                 | 27°12'57"S | 733         | 626,285.683000  | 2,533,119.359500 |
| 733 - 734 | 23.14                 | 59°02'10"S | 734         | 626,265.839200  | 2,533,107.453200 |
| 734 - 735 | 235.30                | 31°54'10"N | 735         | 626,141.484800  | 2,533,307.214000 |
| 735 - 736 | 36.51                 | 69°21'44"S | 736         | 626,107.319700  | 2,533,294.346600 |
| 736 - 737 | 24.45                 | 26°06'23"N | 737         | 626,096.562200  | 2,533,316.299000 |
| 737 - 738 | 90.63                 | 07°32'44"N | 738         | 626,108.463200  | 2,533,406.141500 |
| 738 - 739 | 19.70                 | 42°42'33"N | 739         | 626,121.828000  | 2,533,420.620100 |
| 739 - 740 | 105.19                | 06°29'57"N | 740         | 626,133.734300  | 2,533,525.130700 |
| 740 - 741 | 105.59                | 33°13'57"N | 741         | 626,191.601300  | 2,533,613.450500 |
| 741 - 742 | 129.07                | 63°55'45"N | 742         | 626,307.542700  | 2,533,670.176000 |
| 742 - 743 | 21.65                 | 63°16'31"N | 743         | 626,326.880500  | 2,533,679.912300 |
| 743 - 744 | 48.28                 | 09°27'44"N | 744         | 626,334.818000  | 2,533,727.537400 |
| 744 - 745 | 27.14                 | 43°01'30"N | 745         | 626,353.338900  | 2,533,747.381200 |
| 745 - 746 | 47.42                 | 67°00'40"S | 746         | 626,396.995200  | 2,533,728.860300 |
| 746 - 747 | 65.15                 | 77°05'33"N | 747         | 626,460.495400  | 2,533,743.412400 |
| 747 - 748 | 34.73                 | 17°44'40"N | 748         | 626,471.078700  | 2,533,776.485400 |
| 748 - 749 | 16.94                 | 51°20'25"N | 749         | 626,457.849500  | 2,533,787.068700 |
| 749 - 750 | 23.55                 | 51°50'33"N | 750         | 626,439.328700  | 2,533,801.620800 |
| 750 - 751 | 16.09                 | 09°27'43"N | 751         | 626,441.974500  | 2,533,817.495900 |
| 751 - 752 | 44.92                 | 76°22'23"N | 752         | 626,398.318200  | 2,533,828.079200 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 752 - 753 | 21.70                 | 52°25'53"SW | 753         | 626,381.120200  | 2,533,814.850000 |
| 753 - 754 | 25.27                 | 47°07'16"SW | 754         | 626,362.599300  | 2,533,797.652100 |
| 754 - 755 | 15.08                 | 37°52'29"NW | 755         | 626,353.338900  | 2,533,809.558400 |
| 755 - 756 | 1.90                  | 10°47'02"NE | 756         | 626,353.694700  | 2,533,811.426400 |
| 756 - 757 | 54.66                 | 10°47'03"NE | 757         | 626,363.922300  | 2,533,865.121000 |
| 757 - 758 | 31.32                 | 38°01'37"NE | 758         | 626,383.216800  | 2,533,889.792800 |
| 758 - 759 | 38.69                 | 20°38'31"NE | 759         | 626,396.857400  | 2,533,926.002000 |
| 759 - 760 | 118.30                | 20°38'32"NE | 760         | 626,438.563500  | 2,534,036.710900 |
| 760 - 761 | 60.23                 | 05°46'18"NE | 761         | 626,444.620300  | 2,534,096.631900 |
| 761 - 762 | 58.12                 | 11°49'17"NW | 762         | 626,432.714100  | 2,534,153.517400 |
| 762 - 763 | 62.44                 | 22°15'29"NW | 763         | 626,409.064500  | 2,534,211.301300 |
| 763 - 764 | 152.69                | 06°50'05"NE | 764         | 626,427.235400  | 2,534,362.903600 |
| 764 - 765 | 88.25                 | 49°51'52"NW | 765         | 626,359.766500  | 2,534,419.789100 |
| 765 - 766 | 106.14                | 10°02'57"NE | 766         | 626,378.287400  | 2,534,524.299800 |
| 766 - 767 | 38.91                 | 35°18'40"NE | 767         | 626,400.777000  | 2,534,556.049800 |
| 767 - 768 | 141.63                | 08°03'15"NW | 768         | 626,380.933200  | 2,534,696.279300 |
| 768 - 769 | 68.10                 | 65°55'28"NW | 769         | 626,318.756000  | 2,534,724.060600 |
| 769 - 770 | 39.18                 | 78°18'38"SW | 770         | 626,280.391400  | 2,534,716.123100 |
| 770 - 771 | 34.18                 | 32°34'57"SW | 771         | 626,261.986900  | 2,534,687.325600 |
| 771 - 772 | 19.40                 | 54°32'36"SW | 772         | 626,246.182400  | 2,534,676.070500 |
| 772 - 773 | 17.40                 | 08°44'45"SW | 773         | 626,243.536600  | 2,534,658.872600 |
| 773 - 774 | 0.37                  | 04°23'59"SE | 774         | 626,243.565200  | 2,534,658.500900 |
| 774 - 775 | 16.88                 | 04°23'54"SE | 775         | 626,244.859500  | 2,534,641.674600 |
| 775 - 776 | 20.66                 | 39°48'20"SW | 776         | 626,231.630300  | 2,534,625.799600 |
| 776 - 777 | 12.20                 | 77°28'17"NW | 777         | 626,219.724000  | 2,534,628.445400 |
| 777 - 778 | 59.69                 | 19°03'37"NW | 778         | 626,200.232100  | 2,534,684.861000 |
| 778 - 779 | 93.71                 | 01°27'38"NE | 779         | 626,202.621200  | 2,534,778.545300 |
| 779 - 780 | 35.76                 | 33°31'03"NE | 780         | 626,222.369900  | 2,534,808.362400 |
| 780 - 781 | 216.96                | 00°20'57"NW | 781         | 626,221.047000  | 2,535,025.321200 |
| 781 - 782 | 43.00                 | 15°48'51"NE | 782         | 626,232.766300  | 2,535,066.696700 |
| 782 - 783 | 121.88                | 17°47'09"NE | 783         | 626,269.995000  | 2,535,182.748600 |
| 783 - 784 | 48.79                 | 40°36'04"NW | 784         | 626,238.244900  | 2,535,219.790300 |
| 784 - 785 | 37.45                 | 44°42'26"NW | 785         | 626,211.896300  | 2,535,246.409500 |
| 785 - 786 | 88.82                 | 17°22'03"NW | 786         | 626,185.382800  | 2,535,331.181500 |
| 786 - 787 | 257.98                | 02°39'26"NW | 787         | 626,173.421900  | 2,535,588.884800 |
| 787 - 788 | 79.17                 | 09°37'11"NW | 788         | 626,160.192700  | 2,535,666.937100 |
| 788 - 789 | 129.00                | 05°53'09"NW | 789         | 626,146.963500  | 2,535,795.260200 |
| 789 - 790 | 53.87                 | 24°40'36"NE | 790         | 626,169.453100  | 2,535,844.208300 |
| 790 - 791 | 42.35                 | 51°20'24"SE | 791         | 626,202.526100  | 2,535,817.749900 |
| 791 - 792 | 31.36                 | 62°21'14"SE | 792         | 626,230.307400  | 2,535,803.197800 |
| 792 - 793 | 68.02                 | 13°29'44"NW | 793         | 626,214.432400  | 2,535,869.343700 |
| 793 - 794 | 26.98                 | 11°18'35"NE | 794         | 626,219.724000  | 2,535,895.802100 |
| 794 - 795 | 33.88                 | 38°39'35"NE | 795         | 626,240.890800  | 2,535,922.260500 |
| 795 - 796 | 73.93                 | 44°37'57"NW | 796         | 626,188.950400  | 2,535,974.871500 |
| 796 - 797 | 10.32                 | 15°46'26"NE | 797         | 626,191.755800  | 2,535,984.802700 |
| 797 - 798 | 58.57                 | 18°26'05"NW | 798         | 626,173.234900  | 2,536,040.365300 |
| 798 - 799 | 85.17                 | 46°53'17"NW | 799         | 626,111.057700  | 2,536,098.573700 |
| 799 - 800 | 23.17                 | 58°01'28"SW | 800         | 626,091.400900  | 2,536,086.302500 |
| 800 - 801 | 42.85                 | 81°07'09"SW | 801         | 626,049.067500  | 2,536,079.687900 |
| 801 - 802 | 3.46                  | 60°15'21"NW | 802         | 626,046.062300  | 2,536,081.405100 |
| 802 - 803 | 15.35                 | 60°15'18"NW | 803         | 626,032.734000  | 2,536,089.021300 |
| 803 - 804 | 23.85                 | 60°15'18"NW | 804         | 626,012.025700  | 2,536,100.854600 |
| 804 - 805 | 49.42                 | 01°24'50"NE | 805         | 626,013.245200  | 2,536,150.257500 |
| 805 - 806 | 100.79                | 26°14'39"NE | 806         | 626,057.813400  | 2,536,240.655800 |
| 806 - 807 | 65.82                 | 51°29'57"NE | 807         | 626,109.325400  | 2,536,281.631400 |
| 807 - 808 | 376.20                | 60°53'19"NE | 808         | 626,438.005700  | 2,536,464.657400 |
| 808 - 809 | 35.18                 | 28°55'05"NE | 809         | 626,455.016700  | 2,536,495.449500 |
| 809 - 810 | 95.26                 | 00°47'44"NE | 810         | 626,456.339600  | 2,536,590.699700 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 810 - 811 | 50.64                 | 33°16'29"NW | 811         | 626,428.558300  | 2,536,633.033200 |
| 811 - 812 | 52.44                 | 55°01'12"SW | 812         | 626,385.588700  | 2,536,602.968200 |
| 812 - 813 | 10.86                 | 70°05'10"SW | 813         | 626,375.378300  | 2,536,599.269300 |
| 813 - 814 | 15.71                 | 79°05'42"NW | 814         | 626,359.953500  | 2,536,602.241000 |
| 814 - 815 | 18.57                 | 85°54'52"SW | 815         | 626,341.432600  | 2,536,600.918100 |
| 815 - 816 | 20.66                 | 39°48'20"SW | 816         | 626,328.203400  | 2,536,585.043100 |
| 816 - 817 | 12.13                 | 57°15'51"SW | 817         | 626,317.996000  | 2,536,578.481100 |
| 817 - 818 | 31.90                 | 57°15'53"SW | 818         | 626,291.161700  | 2,536,561.230500 |
| 818 - 819 | 19.26                 | 74°03'16"NW | 819         | 626,272.640800  | 2,536,566.522200 |
| 819 - 820 | 21.53                 | 55°58'50"NW | 820         | 626,254.797500  | 2,536,578.566400 |
| 820 - 821 | 42.32                 | 55°58'50"NW | 821         | 626,219.724000  | 2,536,602.241000 |
| 821 - 822 | 10.99                 | 45°00'00"SW | 822         | 626,211.954800  | 2,536,594.471800 |
| 822 - 823 | 7.72                  | 44°59'58"SW | 823         | 626,206.494900  | 2,536,589.011800 |
| 823 - 824 | 36.34                 | 58°29'44"NW | 824         | 626,175.512400  | 2,536,608.001100 |
| 824 - 825 | 59.86                 | 58°29'44"NW | 825         | 626,124.473900  | 2,536,639.282800 |
| 825 - 826 | 24.23                 | 81°52'11"SW | 826         | 626,100.483600  | 2,536,635.855600 |
| 826 - 827 | 3.83                  | 81°52'10"SW | 827         | 626,096.692600  | 2,536,635.314000 |
| 827 - 828 | 35.30                 | 77°00'19"NW | 828         | 626,062.296600  | 2,536,643.251500 |
| 828 - 829 | 6.55                  | 06°20'24"NE | 829         | 626,063.020200  | 2,536,649.763900 |
| 829 - 830 | 17.41                 | 06°20'25"NE | 830         | 626,064.942500  | 2,536,667.064100 |
| 830 - 831 | 38.93                 | 80°13'03"NW | 831         | 626,026.577800  | 2,536,673.678700 |
| 831 - 832 | 10.77                 | 60°15'17"SW | 832         | 626,017.223600  | 2,536,668.333400 |
| 832 - 833 | 10.56                 | 60°15'17"SW | 833         | 626,008.057000  | 2,536,663.095300 |
| 833 - 834 | 54.29                 | 43°01'30"NW | 834         | 625,971.015200  | 2,536,702.782900 |
| 834 - 835 | 34.93                 | 37°18'14"NW | 835         | 625,949.848500  | 2,536,730.564200 |
| 835 - 836 | 77.05                 | 15°56'43"NW | 836         | 625,928.681800  | 2,536,804.647700 |
| 836 - 837 | 68.84                 | 02°12'09"NE | 837         | 625,931.327600  | 2,536,873.439500 |
| 837 - 838 | 153.42                | 26°25'14"NE | 838         | 625,999.595300  | 2,537,010.838900 |
| 838 - 839 | 41.09                 | 26°25'14"NE | 839         | 626,017.877200  | 2,537,047.634200 |
| 839 - 840 | 40.37                 | 26°25'14"NE | 840         | 626,035.838300  | 2,537,083.783700 |
| 840 - 841 | 53.01                 | 57°40'49"NE | 841         | 626,080.633700  | 2,537,112.123600 |
| 841 - 842 | 23.70                 | 57°40'48"NE | 842         | 626,100.661300  | 2,537,124.794200 |
| 842 - 843 | 95.87                 | 39°24'02"NE | 843         | 626,161.515600  | 2,537,198.877600 |
| 843 - 844 | 20.97                 | 17°21'14"NW | 844         | 626,155.259700  | 2,537,218.896600 |
| 844 - 845 | 207.30                | 22°19'54"NE | 845         | 626,234.026200  | 2,537,410.645800 |
| 845 - 846 | 20.17                 | 39°38'39"NE | 846         | 626,246.896700  | 2,537,426.179100 |
| 846 - 847 | 51.98                 | 39°38'38"NE | 847         | 626,280.063800  | 2,537,466.208400 |
| 847 - 848 | 194.10                | 62°37'12"NE | 848         | 626,452.420300  | 2,537,555.473000 |
| 848 - 849 | 29.68                 | 38°56'59"NE | 849         | 626,471.078700  | 2,537,578.555500 |
| 849 - 850 | 16.36                 | 14°02'09"NW | 850         | 626,467.110000  | 2,537,594.430500 |
| 850 - 851 | 21.14                 | 68°50'19"NW | 851         | 626,447.390900  | 2,537,602.063700 |
| 851 - 852 | 22.70                 | 06°09'40"NW | 852         | 626,444.954800  | 2,537,624.631000 |
| 852 - 853 | 32.00                 | 37°34'06"NE | 853         | 626,464.464100  | 2,537,649.993100 |
| 853 - 854 | 17.99                 | 17°06'09"NW | 854         | 626,459.172400  | 2,537,667.191100 |
| 854 - 855 | 23.85                 | 56°18'35"NW | 855         | 626,439.328700  | 2,537,680.420300 |
| 855 - 856 | 43.37                 | 06°40'53"NW | 856         | 626,434.282700  | 2,537,723.494200 |
| 856 - 857 | 90.90                 | 06°09'40"NW | 857         | 626,424.526600  | 2,537,813.871600 |
| 857 - 858 | 79.93                 | 10°32'09"NE | 858         | 626,439.141700  | 2,537,892.452300 |
| 858 - 859 | 35.99                 | 36°01'38"NE | 859         | 626,460.308400  | 2,537,921.556600 |
| 859 - 860 | 50.55                 | 06°00'32"NW | 860         | 626,455.016700  | 2,537,971.827500 |
| 860 - 861 | 49.09                 | 83°22'57"SW | 861         | 626,406.255700  | 2,537,966.170800 |
| 861 - 862 | 11.83                 | 26°33'54"NW | 862         | 626,400.964000  | 2,537,976.754200 |
| 862 - 863 | 4.08                  | 28°53'09"NW | 863         | 626,398.994500  | 2,537,980.324000 |
| 863 - 864 | 39.74                 | 28°53'11"NW | 864         | 626,379.797300  | 2,538,015.118900 |
| 864 - 865 | 29.99                 | 48°34'35"NW | 865         | 626,357.307700  | 2,538,034.962600 |
| 865 - 866 | 3.81                  | 80°16'23"SW | 866         | 626,353.551900  | 2,538,034.318800 |
| 866 - 867 | 43.17                 | 80°16'20"SW | 867         | 626,311.005500  | 2,538,027.025100 |
| 867 - 868 | 36.70                 | 87°50'20"SW | 868         | 626,274.327700  | 2,538,025.641100 |



| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 868 - 869 | 33.46                 | 87°50'19"SW | 869         | 626,240.890800  | 2,538,024.379300 |
| 869 - 870 | 35.04                 | 67°03'27"SW | 870         | 626,208.626200  | 2,538,010.722000 |
| 870 - 871 | 28.35                 | 42°59'08"SW | 871         | 626,189.296900  | 2,537,989.983400 |
| 871 - 872 | 34.31                 | 23°25'43"SW | 872         | 626,175.654100  | 2,537,958.500000 |
| 872 - 873 | 8.94                  | 23°25'42"SW | 873         | 626,172.099000  | 2,537,950.295800 |
| 873 - 874 | 14.61                 | 84°48'20"NW | 874         | 626,157.546800  | 2,537,951.618700 |
| 874 - 875 | 15.43                 | 30°57'49"NW | 875         | 626,149.609300  | 2,537,964.847900 |
| 875 - 876 | 71.49                 | 02°07'15"NW | 876         | 626,146.963500  | 2,538,036.285600 |
| 876 - 877 | 43.33                 | 12°20'20"NE | 877         | 626,156.223900  | 2,538,078.619000 |
| 877 - 878 | 69.81                 | 27°03'02"NE | 878         | 626,187.974000  | 2,538,140.796200 |
| 878 - 879 | 41.65                 | 39°42'35"NE | 879         | 626,214.587400  | 2,538,172.840900 |
| 879 - 880 | 59.81                 | 39°42'35"NE | 880         | 626,252.797000  | 2,538,218.848400 |
| 880 - 881 | 29.15                 | 02°07'16"NE | 881         | 626,253.875900  | 2,538,247.977400 |
| 881 - 882 | 56.52                 | 27°36'17"NE | 882         | 626,280.063800  | 2,538,298.060000 |
| 882 - 883 | 72.25                 | 59°53'23"NE | 883         | 626,342.568600  | 2,538,334.307400 |
| 883 - 884 | 95.26                 | 27°16'36"NE | 884         | 626,386.224900  | 2,538,418.974200 |
| 884 - 885 | 57.96                 | 36°18'16"NW | 885         | 626,351.909500  | 2,538,465.681200 |
| 885 - 886 | 22.48                 | 36°18'15"NW | 886         | 626,338.599800  | 2,538,483.797300 |
| 886 - 887 | 52.88                 | 12°03'45"NW | 887         | 626,327.549800  | 2,538,535.505700 |
| 887 - 888 | 107.87                | 11°21'11"NE | 888         | 626,348.785000  | 2,538,641.267200 |
| 888 - 889 | 199.84                | 19°02'10"NE | 889         | 626,413.968000  | 2,538,830.182600 |
| 889 - 890 | 78.60                 | 36°17'36"NE | 890         | 626,460.495400  | 2,538,893.537300 |
| 890 - 891 | 51.33                 | 61°48'06"NE | 891         | 626,505.732600  | 2,538,917.791500 |
| 891 - 892 | 79.61                 | 13°51'29"NE | 892         | 626,524.800900  | 2,538,995.084100 |
| 892 - 893 | 111.11                | 44°23'11"NW | 893         | 626,447.078500  | 2,539,074.489000 |
| 893 - 894 | 80.24                 | 01°10'10"NW | 894         | 626,445.440600  | 2,539,154.716600 |
| 894 - 895 | 78.15                 | 31°02'08"NE | 895         | 626,485.735200  | 2,539,221.683200 |
| 895 - 896 | 60.31                 | 31°02'09"NE | 896         | 626,516.831900  | 2,539,273.363400 |
| 896 - 897 | 72.06                 | 13°30'39"NW | 897         | 626,499.996000  | 2,539,343.430200 |
| 897 - 898 | 53.25                 | 12°51'47"NE | 898         | 626,511.850800  | 2,539,395.344200 |
| 898 - 899 | 207.50                | 43°53'42"NE | 899         | 626,655.721800  | 2,539,544.874100 |
| 899 - 900 | 165.16                | 00°28'55"NW | 900         | 626,654.332400  | 2,539,710.025300 |
| 900 - 901 | 83.02                 | 20°39'53"NE | 901         | 626,683.629400  | 2,539,787.701300 |
| 901 - 902 | 91.08                 | 30°44'24"NE | 902         | 626,730.183900  | 2,539,865.983400 |
| 902 - 903 | 34.17                 | 07°07'29"NW | 903         | 626,725.945100  | 2,539,899.894200 |
| 903 - 904 | 29.82                 | 07°07'30"NW | 904         | 626,722.246400  | 2,539,929.483500 |
| 904 - 905 | 95.48                 | 03°58'20"NW | 905         | 626,715.631800  | 2,540,024.733700 |
| 905 - 906 | 37.57                 | 06°42'35"NE | 906         | 626,720.021200  | 2,540,062.043300 |
| 906 - 907 | 53.01                 | 06°42'35"NE | 907         | 626,726.215200  | 2,540,114.692200 |
| 907 - 908 | 105.98                | 09°41'49"NW | 908         | 626,708.364700  | 2,540,219.154600 |
| 908 - 909 | 118.10                | 30°56'16"NE | 909         | 626,769.082400  | 2,540,320.454800 |
| 909 - 910 | 63.76                 | 05°51'26"NW | 910         | 626,762.575800  | 2,540,383.880900 |
| 910 - 911 | 29.27                 | 05°51'25"NW | 911         | 626,759.588500  | 2,540,413.001400 |
| 911 - 912 | 7.54                  | 05°51'26"NW | 912         | 626,758.819000  | 2,540,420.502200 |
| 912 - 913 | 2.47                  | 35°28'40"NW | 913         | 626,757.387800  | 2,540,422.510300 |
| 913 - 914 | 131.46                | 35°28'40"NW | 914         | 626,681.088700  | 2,540,529.564900 |
| 914 - 915 | 95.81                 | 01°29'39"NW | 915         | 626,678.590100  | 2,540,625.339100 |
| 915 - 916 | 78.42                 | 40°36'04"NW | 916         | 626,627.554900  | 2,540,684.880100 |
| 916 - 917 | 6.96                  | 40°36'04"NW | 917         | 626,623.027500  | 2,540,690.162100 |
| 917 - 918 | 5.65                  | 07°54'49"NE | 918         | 626,623.805400  | 2,540,695.758300 |
| 918 - 919 | 53.92                 | 07°54'51"NE | 919         | 626,631.229600  | 2,540,749.164300 |
| 919 - 920 | 97.03                 | 64°08'01"NE | 920         | 626,718.542200  | 2,540,791.497700 |
| 920 - 921 | 77.14                 | 05°54'22"NE | 921         | 626,726.479700  | 2,540,868.227000 |
| 921 - 922 | 54.55                 | 22°50'01"NE | 922         | 626,747.646500  | 2,540,918.498000 |
| 922 - 923 | 55.28                 | 21°02'15"NW | 923         | 626,727.802700  | 2,540,970.091800 |
| 923 - 924 | 30.86                 | 30°57'49"NW | 924         | 626,711.927600  | 2,540,996.550200 |
| 924 - 925 | 215.10                | 56°06'36"NW | 925         | 626,533.370700  | 2,541,116.490000 |
| 925 - 926 | 142.02                | 01°04'56"NW | 926         | 626,530.687700  | 2,541,258.488200 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 926 - 927 | 151.65                | 66°20'31"N | 927         | 626,669.594200  | 2,541,319.342500 |
| 927 - 928 | 21.90                 | 25°01'00"N | 928         | 626,678.854600  | 2,541,339.186300 |
| 928 - 929 | 35.60                 | 48°00'45"N | 929         | 626,652.396300  | 2,541,362.998900 |
| 929 - 930 | 45.68                 | 80°32'18"S | 930         | 626,607.339400  | 2,541,355.490100 |
| 930 - 931 | 83.54                 | 79°02'45"N | 931         | 626,525.318400  | 2,541,371.365200 |
| 931 - 932 | 73.35                 | 50°51'21"N | 932         | 626,468.432900  | 2,541,417.667300 |
| 932 - 933 | 56.25                 | 41°11'09"N | 933         | 626,431.391100  | 2,541,460.000700 |
| 933 - 934 | 49.23                 | 06°10'12"N | 934         | 626,426.099500  | 2,541,508.948800 |
| 934 - 935 | 42.35                 | 14°28'12"N | 935         | 626,436.682800  | 2,541,549.959300 |
| 935 - 936 | 47.33                 | 63°26'05"N | 936         | 626,479.016200  | 2,541,571.126000 |
| 936 - 937 | 54.26                 | 88°36'10"N | 937         | 626,533.255900  | 2,541,572.448900 |
| 937 - 938 | 74.47                 | 77°41'31"E | 938         | 626,606.016500  | 2,541,556.573900 |
| 938 - 939 | 76.08                 | 81°39'45"E | 939         | 626,681.289500  | 2,541,545.542500 |
| 939 - 940 | 2.04                  | 48°48'55"N | 940         | 626,682.823400  | 2,541,546.884600 |
| 940 - 941 | 63.99                 | 29°44'41"N | 941         | 626,714.573500  | 2,541,602.447300 |
| 941 - 942 | 53.96                 | 11°18'35"N | 942         | 626,703.990100  | 2,541,655.364000 |
| 942 - 943 | 34.73                 | 29°28'25"N | 943         | 626,686.900500  | 2,541,685.602000 |
| 943 - 944 | 35.96                 | 17°44'36"N | 944         | 626,675.940400  | 2,541,719.854900 |
| 944 - 945 | 88.58                 | 17°44'36"N | 945         | 626,648.946700  | 2,541,804.216600 |
| 945 - 946 | 80.66                 | 33°25'59"N | 946         | 626,604.506600  | 2,541,871.529000 |
| 946 - 947 | 96.95                 | 50°18'52"N | 947         | 626,529.893900  | 2,541,933.441700 |
| 947 - 948 | 67.39                 | 43°05'27"N | 948         | 626,483.856300  | 2,541,982.654300 |
| 948 - 949 | 564.96                | 12°49'32"E | 949         | 626,609.269100  | 2,542,533.517900 |
| 949 - 950 | 268.68                | 11°14'36"E | 950         | 626,661.656700  | 2,542,797.043400 |
| 950 - 951 | 79.06                 | 86°06'30"E | 951         | 626,740.538600  | 2,542,802.409500 |
| 951 - 952 | 105.44                | 86°06'29"E | 952         | 626,845.734900  | 2,542,809.565700 |
| 952 - 953 | 54.39                 | 86°06'30"E | 953         | 626,899.997800  | 2,542,813.257000 |
| 953 - 954 | 407.42                | 02°50'42"E | 954         | 626,920.221600  | 2,543,220.174300 |
| 954 - 955 | 39.59                 | 02°50'43"E | 955         | 626,922.187000  | 2,543,259.719000 |
| 955 - 956 | 220.23                | 02°50'42"E | 956         | 626,933.119000  | 2,543,479.679700 |
| 956 - 957 | 426.99                | 02°50'42"E | 957         | 626,954.314000  | 2,543,906.139800 |
| 957 - 958 | 370.66                | 00°11'43"N | 958         | 626,953.049000  | 2,544,276.801700 |
| 958 - 959 | 414.40                | 02°24'03"N | 959         | 626,935.688000  | 2,544,690.834300 |
| 959 - 960 | 541.11                | 00°42'01"E | 960         | 626,942.302600  | 2,545,231.908300 |
| 960 - 961 | 567.74                | 02°08'08"N | 961         | 626,921.144100  | 2,545,799.255900 |
| 961 - 962 | 71.36                 | 03°54'01"E | 962         | 626,925.998200  | 2,545,870.450000 |
| 962 - 963 | 172.35                | 01°04'33"N | 963         | 626,922.762100  | 2,546,042.772100 |
| 963 - 964 | 162.95                | 03°42'01"E | 964         | 626,933.279400  | 2,546,205.386000 |
| 964 - 965 | 230.07                | 01°11'21"E | 965         | 626,938.054500  | 2,546,435.410700 |
| 965 - 966 | 242.00                | 00°28'09"N | 966         | 626,936.071700  | 2,546,677.407000 |
| 966 - 967 | 3.88                  | 80°36'33"N | 967         | 626,932.238800  | 2,546,678.040900 |
| 967 - 968 | 20.21                 | 84°11'55"N | 968         | 626,912.130100  | 2,546,680.083900 |
| 968 - 969 | 98.95                 | 77°12'34"N | 969         | 626,815.636900  | 2,546,701.989600 |
| 969 - 970 | 21.08                 | 01°54'25"N | 970         | 626,814.935300  | 2,546,723.060300 |
| 970 - 971 | 47.80                 | 69°39'12"E | 971         | 626,859.750400  | 2,546,739.679400 |
| 971 - 972 | 44.51                 | 13°30'06"E | 972         | 626,870.142500  | 2,546,782.959800 |
| 972 - 973 | 34.45                 | 02°30'52"E | 973         | 626,871.653800  | 2,546,817.371900 |
| 973 - 974 | 20.02                 | 89°47'14"E | 974         | 626,891.676300  | 2,546,817.446200 |
| 974 - 975 | 18.20                 | 88°04'17"E | 975         | 626,909.861600  | 2,546,816.833900 |
| 975 - 976 | 20.06                 | 87°57'05"E | 976         | 626,929.908800  | 2,546,816.116900 |
| 976 - 977 | 5.03                  | 89°20'48"E | 977         | 626,934.934800  | 2,546,816.174200 |
| 977 - 978 | 513.30                | 00°28'09"N | 978         | 626,930.729300  | 2,547,329.456300 |
| 978 - 979 | 114.93                | 05°30'18"N | 979         | 626,919.703900  | 2,547,443.852700 |
| 979 - 980 | 1,557.52              | 03°43'01"N | 980         | 626,818.730700  | 2,548,998.098800 |
| 980 - 981 | 517.35                | 03°28'11"N | 981         | 626,787.418000  | 2,549,514.505100 |
| 981 - 982 | 148.87                | 02°08'43"N | 982         | 626,781.844500  | 2,549,663.274000 |
| 982 - 983 | 458.19                | 03°51'41"N | 983         | 626,750.987900  | 2,550,120.422600 |
| 983 - 984 | 64.88                 | 87°39'45"N | 984         | 626,686.164900  | 2,550,123.068500 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 984 - 985   | 218.12                | 09°12'30"NW | 985         | 626,651.260300  | 2,550,338.376800 |
| 985 - 986   | 219.65                | 76°17'15"NW | 986         | 626,437.874800  | 2,550,390.443000 |
| 986 - 987   | 295.26                | 61°46'36"NW | 987         | 626,177.716900  | 2,550,530.073600 |
| 987 - 988   | 24.04                 | 37°33'48"NW | 988         | 626,163.060800  | 2,550,549.130000 |
| 988 - 989   | 49.23                 | 30°41'58"NW | 989         | 626,137.925400  | 2,550,591.463500 |
| 989 - 990   | 50.89                 | 81°01'38"NW | 990         | 626,087.654400  | 2,550,599.401000 |
| 990 - 991   | 31.81                 | 16°55'38"NW | 991         | 626,078.394000  | 2,550,629.828100 |
| 991 - 992   | 40.75                 | 13°08'02"NW | 992         | 626,069.133500  | 2,550,669.515700 |
| 992 - 993   | 40.23                 | 27°24'27"NW | 993         | 626,050.612700  | 2,550,705.234500 |
| 993 - 994   | 58.22                 | 01°18'06"NE | 994         | 626,051.935600  | 2,550,763.443000 |
| 994 - 995   | 48.28                 | 09°27'44"NE | 995         | 626,059.873100  | 2,550,811.068100 |
| 995 - 996   | 52.87                 | 58°17'54"NE | 996         | 626,104.852400  | 2,550,838.849400 |
| 996 - 997   | 44.37                 | 79°41'42"SE | 997         | 626,148.508700  | 2,550,830.911900 |
| 997 - 998   | 58.03                 | 65°46'19"SE | 998         | 626,201.425500  | 2,550,807.099300 |
| 998 - 999   | 47.94                 | 62°01'13"SE | 999         | 626,243.758900  | 2,550,784.609700 |
| 999 - 1000  | 17.65                 | 77°00'18"SE | 1000        | 626,260.956800  | 2,550,780.640900 |
| 1000 - 1001 | 15.63                 | 49°48'10"NE | 1001        | 626,272.896000  | 2,550,790.729300 |
| 1001 - 1002 | 74.05                 | 36°52'11"NE | 1002        | 626,317.327800  | 2,550,849.971700 |
| 1002 - 1003 | 45.63                 | 55°23'18"NE | 1003        | 626,354.884100  | 2,550,875.891100 |
| 1003 - 1004 | 37.35                 | 67°04'04"NE | 1004        | 626,389.280000  | 2,550,890.443200 |
| 1004 - 1005 | 36.80                 | 86°22'38"SE | 1005        | 626,426.011300  | 2,550,888.117700 |
| 1005 - 1006 | 114.45                | 23°22'13"NE | 1006        | 626,471.410400  | 2,550,993.178000 |
| 1006 - 1007 | 100.48                | 46°28'06"NE | 1007        | 626,544.259700  | 2,551,062.385300 |
| 1007 - 1008 | 46.35                 | 88°07'19"SE | 1008        | 626,590.588100  | 2,551,060.866300 |
| 1008 - 1009 | 34.39                 | 88°07'20"SE | 1009        | 626,624.957800  | 2,551,059.739500 |
| 1009 - 1010 | 51.56                 | 40°01'43"NE | 1010        | 626,658.122300  | 2,551,099.223100 |
| 1010 - 1011 | 246.56                | 00°50'33"NE | 1011        | 626,661.747800  | 2,551,345.755300 |
| 1011 - 1012 | 47.21                 | 39°33'34"NW | 1012        | 626,631.679500  | 2,551,382.153900 |
| 1012 - 1013 | 48.06                 | 75°39'52"SW | 1013        | 626,585.114400  | 2,551,370.253900 |
| 1013 - 1014 | 24.32                 | 67°37'12"NW | 1014        | 626,562.624700  | 2,551,379.514300 |
| 1014 - 1015 | 23.10                 | 23°37'45"NW | 1015        | 626,553.364300  | 2,551,400.681000 |
| 1015 - 1016 | 72.95                 | 04°09'34"NW | 1016        | 626,548.072600  | 2,551,473.441600 |
| 1016 - 1017 | 57.44                 | 07°56'36"NE | 1017        | 626,556.010100  | 2,551,530.327100 |
| 1017 - 1018 | 30.77                 | 34°07'24"NE | 1018        | 626,573.272800  | 2,551,555.801500 |
| 1018 - 1019 | 94.96                 | 34°07'24"NE | 1019        | 626,626.545300  | 2,551,634.415600 |
| 1019 - 1020 | 80.80                 | 02°48'55"NW | 1020        | 626,622.576600  | 2,551,715.113700 |
| 1020 - 1021 | 51.46                 | 43°57'30"NE | 1021        | 626,658.295400  | 2,551,752.155400 |
| 1021 - 1022 | 78.18                 | 22°37'49"NW | 1022        | 626,628.212100  | 2,551,824.317800 |
| 1022 - 1023 | 58.91                 | 12°38'03"NE | 1023        | 626,641.097400  | 2,551,881.801500 |
| 1023 - 1024 | 17.88                 | 50°18'02"NE | 1024        | 626,654.852400  | 2,551,893.220800 |
| 1024 - 1025 | 10.18                 | 02°07'16"NE | 1025        | 626,655.229100  | 2,551,903.390400 |
| 1025 - 1026 | 60.13                 | 50°21'21"NE | 1026        | 626,701.531300  | 2,551,941.755000 |
| 1026 - 1027 | 79.55                 | 03°48'50"NW | 1027        | 626,696.239600  | 2,552,021.130200 |
| 1027 - 1028 | 37.07                 | 34°49'28"NW | 1028        | 626,675.072900  | 2,552,051.557300 |
| 1028 - 1029 | 52.48                 | 24°20'27"NW | 1029        | 626,653.444000  | 2,552,099.368600 |
| 1029 - 1030 | 8.51                  | 24°20'28"NW | 1030        | 626,649.937400  | 2,552,107.120000 |
| 1030 - 1031 | 14.79                 | 79°41'43"NW | 1031        | 626,635.385300  | 2,552,109.765800 |
| 1031 - 1032 | 14.21                 | 53°57'06"SW | 1032        | 626,623.899500  | 2,552,101.406100 |
| 1032 - 1033 | 35.78                 | 32°47'03"SW | 1033        | 626,604.527900  | 2,552,071.329200 |
| 1033 - 1034 | 15.90                 | 45°40'27"NW | 1034        | 626,593.152500  | 2,552,082.440000 |
| 1034 - 1035 | 31.76                 | 07°44'05"NW | 1035        | 626,588.878300  | 2,552,113.908200 |
| 1035 - 1036 | 28.68                 | 04°46'01"NE | 1036        | 626,591.261900  | 2,552,142.490600 |
| 1036 - 1037 | 96.77                 | 24°29'14"NE | 1037        | 626,631.374300  | 2,552,230.560500 |
| 1037 - 1038 | 25.69                 | 11°53'18"NE | 1038        | 626,636.665900  | 2,552,255.696000 |
| 1038 - 1039 | 15.48                 | 70°01'01"NE | 1039        | 626,651.218000  | 2,552,260.987600 |
| 1039 - 1040 | 80.72                 | 22°29'59"NE | 1040        | 626,682.107900  | 2,552,335.562800 |
| 1040 - 1041 | 39.47                 | 50°26'24"NW | 1041        | 626,651.680800  | 2,552,360.698300 |
| 1041 - 1042 | 29.28                 | 18°26'05"NE | 1042        | 626,660.941200  | 2,552,388.479600 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1042 - 1043 | 73.35                 | 37°08'48"NW | 1043        | 626,616.651200  | 2,552,446.942400 |
| 1043 - 1044 | 8.24                  | 04°46'02"NE | 1044        | 626,617.335700  | 2,552,455.150200 |
| 1044 - 1045 | 64.55                 | 03°27'16"NE | 1045        | 626,621.225200  | 2,552,519.580200 |
| 1045 - 1046 | 65.67                 | 15°12'28"NE | 1046        | 626,638.451600  | 2,552,582.948700 |
| 1046 - 1047 | 25.42                 | 28°18'02"NW | 1047        | 626,626.401500  | 2,552,605.327400 |
| 1047 - 1048 | 13.65                 | 28°18'02"NW | 1048        | 626,619.930700  | 2,552,617.344600 |
| 1048 - 1049 | 181.28                | 01°15'16"NE | 1049        | 626,623.899500  | 2,552,798.584600 |
| 1049 - 1050 | 129.87                | 09°42'23"NE | 1050        | 626,645.795500  | 2,552,926.591900 |
| 1050 - 1051 | 239.79                | 00°41'49"NE | 1051        | 626,648.713100  | 2,553,166.362600 |
| 1051 - 1052 | 26.45                 | 00°41'49"NE | 1052        | 626,649.034900  | 2,553,192.814600 |
| 1052 - 1053 | 82.30                 | 35°08'03"NW | 1053        | 626,601.668900  | 2,553,260.124100 |
| 1053 - 1054 | 113.61                | 26°38'41"NW | 1054        | 626,550.719600  | 2,553,361.669000 |
| 1054 - 1055 | 37.85                 | 36°32'00"NW | 1055        | 626,528.186500  | 2,553,392.083600 |
| 1055 - 1056 | 40.17                 | 17°14'28"NW | 1056        | 626,516.280300  | 2,553,430.448300 |
| 1056 - 1057 | 55.64                 | 06°40'09"NW | 1057        | 626,509.818400  | 2,553,485.710800 |
| 1057 - 1058 | 52.21                 | 12°02'33"NE | 1058        | 626,520.711800  | 2,553,536.773600 |
| 1058 - 1059 | 84.44                 | 28°28'08"NW | 1059        | 626,480.461800  | 2,553,611.000700 |
| 1059 - 1060 | 11.86                 | 13°11'12"NW | 1060        | 626,477.755100  | 2,553,622.552700 |
| 1060 - 1061 | 373.57                | 09°04'25"NE | 1061        | 626,536.668900  | 2,553,991.444700 |
| 1061 - 1062 | 121.74                | 13°32'39"NW | 1062        | 626,508.158700  | 2,554,109.795300 |
| 1062 - 1063 | 135.27                | 17°34'02"NW | 1063        | 626,467.332300  | 2,554,238.752000 |
| 1063 - 1064 | 76.75                 | 06°26'30"NW | 1064        | 626,458.721200  | 2,554,315.018200 |
| 1064 - 1065 | 66.62                 | 03°51'07"NE | 1065        | 626,463.196500  | 2,554,381.484300 |
| 1065 - 1066 | 61.11                 | 15°40'05"NE | 1066        | 626,479.701300  | 2,554,440.327500 |
| 1066 - 1067 | 27.98                 | 22°42'52"NW | 1067        | 626,468.896400  | 2,554,466.139000 |
| 1067 - 1068 | 33.69                 | 22°42'51"NW | 1068        | 626,455.888700  | 2,554,497.213000 |
| 1068 - 1069 | 129.75                | 02°20'14"NE | 1069        | 626,461.180400  | 2,554,626.859100 |
| 1069 - 1070 | 56.11                 | 23°05'53"NE | 1070        | 626,483.193200  | 2,554,678.471900 |
| 1070 - 1071 | 22.73                 | 56°49'02"NE | 1071        | 626,502.220300  | 2,554,690.914700 |
| 1071 - 1072 | 35.74                 | 86°59'13"SE | 1072        | 626,537.909700  | 2,554,689.036300 |
| 1072 - 1073 | 27.61                 | 06°57'10"NE | 1073        | 626,541.251500  | 2,554,716.439300 |
| 1073 - 1074 | 14.92                 | 06°57'11"NE | 1074        | 626,543.057300  | 2,554,731.246500 |
| 1074 - 1075 | 30.71                 | 31°49'38"NW | 1075        | 626,526.863600  | 2,554,757.336400 |
| 1075 - 1076 | 41.13                 | 03°00'46"NE | 1076        | 626,529.025600  | 2,554,798.414200 |
| 1076 - 1077 | 9.21                  | 03°00'47"NE | 1077        | 626,529.509500  | 2,554,807.607300 |
| 1077 - 1078 | 37.04                 | 00°00'00"NE | 1078        | 626,529.509500  | 2,554,844.649000 |
| 1078 - 1079 | 21.93                 | 53°20'37"NW | 1079        | 626,511.919300  | 2,554,857.739400 |
| 1079 - 1080 | 48.98                 | 53°20'37"NW | 1080        | 626,472.623900  | 2,554,886.982500 |
| 1080 - 1081 | 73.05                 | 54°34'58"NW | 1081        | 626,413.092600  | 2,554,929.315900 |
| 1081 - 1082 | 70.11                 | 31°53'26"NW | 1082        | 626,376.050800  | 2,554,988.847300 |
| 1082 - 1083 | 47.64                 | 01°35'28"NW | 1083        | 626,374.727900  | 2,555,036.472300 |
| 1083 - 1084 | 30.61                 | 15°45'04"NE | 1084        | 626,383.037600  | 2,555,065.934000 |
| 1084 - 1085 | 23.00                 | 15°45'04"NE | 1085        | 626,389.280000  | 2,555,088.066200 |
| 1085 - 1086 | 23.67                 | 17°52'43"NW | 1086        | 626,382.013300  | 2,555,110.593000 |
| 1086 - 1087 | 19.42                 | 17°52'43"NW | 1087        | 626,376.050800  | 2,555,129.076700 |
| 1087 - 1088 | 72.95                 | 04°09'34"NW | 1088        | 626,370.759200  | 2,555,201.837300 |
| 1088 - 1089 | 78.06                 | 00°58'15"NW | 1089        | 626,369.436200  | 2,555,279.889500 |
| 1089 - 1090 | 76.83                 | 02°57'39"NW | 1090        | 626,365.467500  | 2,555,356.618800 |
| 1090 - 1091 | 242.78                | 01°15'33"NE | 1091        | 626,370.803500  | 2,555,599.342200 |
| 1091 - 1092 | 310.07                | 12°29'32"NW | 1092        | 626,303.732200  | 2,555,902.069300 |
| 1092 - 1093 | 334.15                | 00°12'03"NW | 1093        | 626,302.560000  | 2,556,236.220800 |
| 1093 - 1094 | 134.74                | 29°35'13"NW | 1094        | 626,236.034800  | 2,556,353.388000 |
| 1094 - 1095 | 335.04                | 05°50'52"NW | 1095        | 626,201.898400  | 2,556,686.688700 |
| 1095 - 1096 | 55.32                 | 06°31'57"NW | 1096        | 626,195.604600  | 2,556,741.649200 |
| 1096 - 1097 | 26.51                 | 33°24'28"NE | 1097        | 626,210.199200  | 2,556,763.776500 |
| 1097 - 1098 | 47.98                 | 33°24'28"NE | 1098        | 626,236.615100  | 2,556,803.826400 |
| 1098 - 1099 | 74.48                 | 19°43'20"NE | 1099        | 626,261.750600  | 2,556,873.941100 |
| 1099 - 1100 | 104.59                | 02°10'29"NW | 1100        | 626,257.781800  | 2,556,978.451800 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1100 - 1101 | 73.15                 | 13°16'34"NW | 1101        | 626,240.982200  | 2,557,049.650200 |
| 1101 - 1102 | 47.82                 | 13°16'35"NW | 1102        | 626,230.000500  | 2,557,096.191600 |
| 1102 - 1103 | 80.07                 | 02°04'11"NW | 1103        | 626,227.108200  | 2,557,176.213600 |
| 1103 - 1104 | 29.80                 | 02°04'12"NW | 1104        | 626,226.031800  | 2,557,205.993900 |
| 1104 - 1105 | 95.85                 | 20°11'08"NW | 1105        | 626,192.958800  | 2,557,295.952400 |
| 1105 - 1106 | 80.48                 | 64°41'55"NW | 1106        | 626,120.198200  | 2,557,330.348300 |
| 1106 - 1107 | 54.11                 | 69°57'17"NW | 1107        | 626,069.364900  | 2,557,348.895600 |
| 1107 - 1108 | 50.10                 | 69°57'17"NW | 1108        | 626,022.302200  | 2,557,366.067100 |
| 1108 - 1109 | 56.90                 | 35°32'15"NW | 1109        | 625,989.229200  | 2,557,412.369300 |
| 1109 - 1110 | 147.15                | 22°11'02"NW | 1110        | 625,933.666600  | 2,557,548.630000 |
| 1110 - 1111 | 10.43                 | 15°15'18"NE | 1111        | 625,936.410000  | 2,557,558.689100 |
| 1111 - 1112 | 19.74                 | 15°15'18"NE | 1112        | 625,941.604100  | 2,557,577.734200 |
| 1112 - 1113 | 85.05                 | 15°19'59"NW | 1113        | 625,919.114500  | 2,557,659.755200 |
| 1113 - 1114 | 46.92                 | 40°25'33"NW | 1114        | 625,888.687400  | 2,557,695.474000 |
| 1114 - 1115 | 111.94                | 20°59'55"NW | 1115        | 625,848.575600  | 2,557,799.975800 |
| 1115 - 1116 | 28.35                 | 20°59'55"NW | 1116        | 625,838.416400  | 2,557,826.443000 |
| 1116 - 1117 | 67.48                 | 01°07'23"NE | 1117        | 625,839.739300  | 2,557,893.911900 |
| 1117 - 1118 | 95.29                 | 01°35'28"NE | 1118        | 625,842.385200  | 2,557,989.162100 |
| 1118 - 1119 | 231.65                | 00°27'33"NE | 1119        | 625,844.242400  | 2,558,220.803900 |
| 1119 - 1120 | 72.37                 | 00°00'14"NW | 1120        | 625,844.237300  | 2,558,293.169000 |
| 1120 - 1121 | 55.68                 | 08°44'45"NE | 1121        | 625,852.703900  | 2,558,348.202400 |
| 1121 - 1122 | 82.36                 | 25°54'23"NE | 1122        | 625,888.687400  | 2,558,422.285900 |
| 1122 - 1123 | 23.31                 | 57°15'53"NE | 1123        | 625,908.296600  | 2,558,434.891800 |
| 1123 - 1124 | 11.92                 | 57°15'52"NE | 1124        | 625,918.320700  | 2,558,441.335900 |
| 1124 - 1125 | 44.90                 | 44°59'59"NE | 1125        | 625,950.070800  | 2,558,473.086000 |
| 1125 - 1126 | 21.38                 | 56°18'35"NW | 1126        | 625,932.282900  | 2,558,484.944600 |
| 1126 - 1127 | 9.15                  | 56°18'34"NW | 1127        | 625,924.670800  | 2,558,490.019400 |
| 1127 - 1128 | 65.34                 | 24°54'17"NW | 1128        | 625,897.154000  | 2,558,549.286100 |
| 1128 - 1129 | 17.69                 | 03°10'48"NE | 1129        | 625,898.135100  | 2,558,566.944400 |
| 1129 - 1130 | 20.47                 | 03°10'46"NE | 1130        | 625,899.270700  | 2,558,587.386200 |
| 1130 - 1131 | 34.42                 | 50°31'38"NW | 1131        | 625,872.701700  | 2,558,609.266600 |
| 1131 - 1132 | 12.20                 | 50°31'39"NW | 1132        | 625,863.287300  | 2,558,617.019600 |
| 1132 - 1133 | 47.89                 | 45°00'00"NW | 1133        | 625,829.420600  | 2,558,650.886300 |
| 1133 - 1134 | 52.01                 | 05°31'39"NW | 1134        | 625,824.410700  | 2,558,702.655200 |
| 1134 - 1135 | 13.91                 | 05°31'38"NW | 1135        | 625,823.070600  | 2,558,716.503100 |
| 1135 - 1136 | 11.89                 | 53°07'48"NW | 1136        | 625,813.562500  | 2,558,723.634200 |
| 1136 - 1137 | 19.86                 | 53°07'48"NW | 1137        | 625,797.670500  | 2,558,735.553200 |
| 1137 - 1138 | 52.92                 | 36°52'11"NW | 1138        | 625,765.920400  | 2,558,777.886600 |
| 1138 - 1139 | 38.91                 | 22°22'48"NW | 1139        | 625,751.103700  | 2,558,813.870000 |
| 1139 - 1140 | 33.47                 | 18°26'06"NE | 1140        | 625,761.687100  | 2,558,845.620100 |
| 1140 - 1141 | 23.89                 | 51°27'59"NE | 1141        | 625,780.371100  | 2,558,860.499900 |
| 1141 - 1142 | 221.29                | 23°54'14"NE | 1142        | 625,870.040100  | 2,559,062.811100 |
| 1142 - 1143 | 128.22                | 75°14'31"NE | 1143        | 625,994.032500  | 2,559,095.473600 |
| 1143 - 1144 | 170.38                | 80°10'19"NE | 1144        | 626,161.913900  | 2,559,124.556000 |
| 1144 - 1145 | 113.34                | 24°07'42"NE | 1145        | 626,208.246800  | 2,559,227.996600 |
| 1145 - 1146 | 41.93                 | 24°07'42"NE | 1146        | 626,225.388400  | 2,559,266.266000 |
| 1146 - 1147 | 103.93                | 06°28'24"NW | 1147        | 626,213.671100  | 2,559,369.531900 |
| 1147 - 1148 | 75.35                 | 04°54'04"NW | 1148        | 626,207.233500  | 2,559,444.603700 |
| 1148 - 1149 | 122.56                | 45°34'21"NW | 1149        | 626,119.709700  | 2,559,530.395500 |
| 1149 - 1150 | 19.23                 | 83°28'48"SW | 1150        | 626,100.606200  | 2,559,528.212200 |
| 1150 - 1151 | 56.16                 | 46°54'32"NW | 1151        | 626,059.595700  | 2,559,566.576900 |
| 1151 - 1152 | 52.65                 | 32°33'56"NW | 1152        | 626,031.258300  | 2,559,610.945600 |
| 1152 - 1153 | 83.23                 | 47°33'01"NE | 1153        | 626,092.668700  | 2,559,667.118800 |
| 1153 - 1154 | 154.12                | 34°30'30"NE | 1154        | 626,179.981300  | 2,559,794.119000 |
| 1154 - 1155 | 34.15                 | 01°16'23"NE | 1155        | 626,180.740000  | 2,559,828.257800 |
| 1155 - 1156 | 54.13                 | 34°31'21"NE | 1156        | 626,211.419600  | 2,559,872.859000 |
| 1156 - 1157 | 60.67                 | 59°52'12"NE | 1157        | 626,263.891100  | 2,559,903.312100 |
| 1157 - 1158 | 14.50                 | 00°19'36"NW | 1158        | 626,263.808400  | 2,559,917.810600 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1158 - 1159 | 162.53                | 00°19'36"NW | 1159        | 626,262.881600  | 2,560,080.333500 |
| 1159 - 1160 | 65.41                 | 40°51'18"NW | 1160        | 626,220.096300  | 2,560,129.804300 |
| 1160 - 1161 | 88.34                 | 06°31'39"NW | 1161        | 626,210.054000  | 2,560,217.568500 |
| 1161 - 1162 | 346.70                | 09°35'36"NE | 1162        | 626,267.834500  | 2,560,559.420900 |
| 1162 - 1163 | 7.58                  | 09°35'36"NE | 1163        | 626,269.097100  | 2,560,566.891100 |
| 1163 - 1164 | 93.03                 | 24°03'07"NW | 1164        | 626,231.179300  | 2,560,651.848200 |
| 1164 - 1165 | 122.31                | 40°15'34"NW | 1165        | 626,152.137600  | 2,560,745.184500 |
| 1165 - 1166 | 76.73                 | 00°00'00"NE | 1166        | 626,152.137600  | 2,560,821.913800 |
| 1166 - 1167 | 115.37                | 26°33'54"NE | 1167        | 626,203.731500  | 2,560,925.101500 |
| 1167 - 1168 | 170.65                | 06°22'26"NW | 1168        | 626,184.786200  | 2,561,094.693800 |
| 1168 - 1169 | 227.11                | 04°48'33"NW | 1169        | 626,165.745100  | 2,561,321.006000 |
| 1169 - 1170 | 99.38                 | 48°13'22"NE | 1170        | 626,239.855700  | 2,561,387.215200 |
| 1170 - 1171 | 56.21                 | 07°54'01"NW | 1171        | 626,232.130100  | 2,561,442.888000 |
| 1171 - 1172 | 57.42                 | 05°42'40"NW | 1172        | 626,226.415800  | 2,561,500.023500 |
| 1172 - 1173 | 91.75                 | 05°47'33"NW | 1173        | 626,217.155400  | 2,561,591.304900 |
| 1173 - 1174 | 105.84                | 18°12'30"NW | 1174        | 626,184.082400  | 2,561,691.846800 |
| 1174 - 1175 | 56.46                 | 08°59'28"NE | 1175        | 626,192.906000  | 2,561,747.612700 |
| 1175 - 1176 | 92.00                 | 14°09'13"NE | 1176        | 626,215.403500  | 2,561,836.824200 |
| 1176 - 1177 | 229.59                | 16°48'07"NW | 1177        | 626,149.037900  | 2,562,056.609800 |
| 1177 - 1178 | 79.54                 | 25°12'04"NW | 1178        | 626,115.171100  | 2,562,128.576600 |
| 1178 - 1179 | 93.73                 | 06°28'58"NW | 1179        | 626,104.587800  | 2,562,221.710200 |
| 1179 - 1180 | 52.36                 | 14°02'10"NE | 1180        | 626,117.287800  | 2,562,272.510300 |
| 1180 - 1181 | 70.36                 | 06°54'40"NW | 1181        | 626,108.821100  | 2,562,342.360400 |
| 1181 - 1182 | 92.46                 | 15°56'43"NW | 1182        | 626,083.421100  | 2,562,431.260600 |
| 1182 - 1183 | 96.09                 | 07°35'40"NW | 1183        | 626,070.721100  | 2,562,526.510800 |
| 1183 - 1184 | 80.32                 | 18°26'05"NE | 1184        | 626,096.121100  | 2,562,602.710900 |
| 1184 - 1185 | 89.53                 | 06°47'20"NW | 1185        | 626,085.537700  | 2,562,691.611100 |
| 1185 - 1186 | 48.27                 | 12°05'41"NE | 1186        | 626,095.652400  | 2,562,738.812900 |
| 1186 - 1187 | 87.84                 | 20°45'23"NW | 1187        | 626,064.520800  | 2,562,820.954900 |
| 1187 - 1188 | 137.77                | 03°17'24"NE | 1188        | 626,072.428000  | 2,562,958.497900 |
| 1188 - 1189 | 119.44                | 04°34'26"NE | 1189        | 626,081.953000  | 2,563,077.560600 |
| 1189 - 1190 | 82.50                 | 11°05'37"NW | 1190        | 626,066.078000  | 2,563,158.523300 |
| 1190 - 1191 | 50.65                 | 32°11'44"NW | 1191        | 626,039.090400  | 2,563,201.385900 |
| 1191 - 1192 | 54.30                 | 15°15'18"NW | 1192        | 626,024.802900  | 2,563,253.773500 |
| 1192 - 1193 | 67.55                 | 14°58'42"NE | 1193        | 626,042.261000  | 2,563,319.025800 |
| 1193 - 1194 | 13.13                 | 18°26'20"NE | 1194        | 626,046.414800  | 2,563,331.484200 |
| 1194 - 1195 | 27.61                 | 18°26'23"NE | 1195        | 626,055.148700  | 2,563,357.678600 |
| 1195 - 1196 | 94.30                 | 18°26'22"NE | 1196        | 626,084.974700  | 2,563,447.132500 |
| 1196 - 1197 | 74.19                 | 08°45'10"NE | 1197        | 626,096.264800  | 2,563,520.459600 |
| 1197 - 1198 | 50.27                 | 00°05'54"NE | 1198        | 626,096.351300  | 2,563,570.728600 |
| 1198 - 1199 | 161.99                | 00°05'55"NE | 1199        | 626,096.630200  | 2,563,732.722900 |
| 1199 - 1200 | 195.00                | 00°05'55"NE | 1200        | 626,096.965900  | 2,563,927.720800 |
| 1200 - 1201 | 19.67                 | 11°59'26"NE | 1201        | 626,101.052600  | 2,563,946.962400 |
| 1201 - 1202 | 129.62                | 01°10'57"NE | 1202        | 626,103.727600  | 2,564,076.551200 |
| 1202 - 1203 | 173.03                | 14°55'48"NW | 1203        | 626,059.147400  | 2,564,243.743000 |
| 1203 - 1204 | 66.56                 | 06°08'05"NE | 1204        | 626,066.261000  | 2,564,309.924400 |
| 1204 - 1205 | 26.69                 | 09°26'40"NE | 1205        | 626,070.641400  | 2,564,336.256900 |
| 1205 - 1206 | 47.37                 | 71°33'54"SE | 1206        | 626,115.581300  | 2,564,321.276900 |
| 1206 - 1207 | 25.23                 | 01°53'26"NE | 1207        | 626,116.413700  | 2,564,346.491600 |
| 1207 - 1208 | 8.98                  | 79°55'24"NW | 1208        | 626,107.577000  | 2,564,348.061900 |
| 1208 - 1209 | 9.45                  | 57°16'25"NW | 1209        | 626,099.630000  | 2,564,353.168900 |
| 1209 - 1210 | 15.26                 | 01°47'24"NW | 1210        | 626,099.153200  | 2,564,368.424500 |
| 1210 - 1211 | 28.58                 | 63°52'08"NW | 1211        | 626,073.495600  | 2,564,381.011300 |
| 1211 - 1212 | 12.09                 | 20°55'07"NW | 1212        | 626,069.178700  | 2,564,392.305000 |
| 1212 - 1213 | 84.05                 | 20°55'07"NW | 1213        | 626,039.170300  | 2,564,470.812400 |
| 1213 - 1214 | 157.54                | 63°25'35"NW | 1214        | 625,898.275500  | 2,564,541.285400 |
| 1214 - 1215 | 81.60                 | 10°31'44"NE | 1215        | 625,913.185900  | 2,564,621.507200 |
| 1215 - 1216 | 13.84                 | 00°23'38"NW | 1216        | 625,913.090700  | 2,564,635.350100 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1216 - 1217 | 57.33                 | 07°38'17"NW | 1217        | 625,905.470900  | 2,564,692.168100 |
| 1217 - 1218 | 69.99                 | 43°19'53"NE | 1218        | 625,953.497600  | 2,564,743.076400 |
| 1218 - 1219 | 91.78                 | 74°57'43"NE | 1219        | 626,042.133200  | 2,564,766.888900 |
| 1219 - 1220 | 44.76                 | 18°58'13"NE | 1220        | 626,056.685300  | 2,564,809.222300 |
| 1220 - 1221 | 40.47                 | 78°41'23"NW | 1221        | 626,016.997700  | 2,564,817.159900 |
| 1221 - 1222 | 25.45                 | 08°58'21"NE | 1222        | 626,020.966400  | 2,564,842.295300 |
| 1222 - 1223 | 66.79                 | 82°01'49"SE | 1223        | 626,087.112400  | 2,564,833.034900 |
| 1223 - 1224 | 31.81                 | 16°55'38"NE | 1224        | 626,096.372800  | 2,564,863.462000 |
| 1224 - 1225 | 38.46                 | 40°48'53"NW | 1225        | 626,071.237400  | 2,564,892.566300 |
| 1225 - 1226 | 28.06                 | 81°52'11"SW | 1226        | 626,043.456100  | 2,564,888.597500 |
| 1226 - 1227 | 46.30                 | 53°07'48"NW | 1227        | 626,006.414300  | 2,564,916.378800 |
| 1227 - 1228 | 17.20                 | 00°00'00"NE | 1228        | 626,006.414300  | 2,564,933.576800 |
| 1228 - 1229 | 83.04                 | 59°20'57"NE | 1229        | 626,077.852000  | 2,564,975.910200 |
| 1229 - 1230 | 187.06                | 14°19'51"NW | 1230        | 626,031.549800  | 2,565,157.150100 |
| 1230 - 1231 | 41.52                 | 67°31'13"NW | 1231        | 625,993.185100  | 2,565,173.025200 |
| 1231 - 1232 | 88.44                 | 34°38'27"SW | 1232        | 625,942.914200  | 2,565,100.264600 |
| 1232 - 1233 | 131.40                | 89°30'06"SW | 1233        | 625,811.517300  | 2,565,099.122000 |
| 1233 - 1234 | 119.79                | 33°24'13"NW | 1234        | 625,745.568000  | 2,565,199.124700 |
| 1234 - 1235 | 32.88                 | 20°33'21"NE | 1235        | 625,757.114300  | 2,565,229.914800 |
| 1235 - 1236 | 97.01                 | 76°43'24"SE | 1236        | 625,851.530900  | 2,565,207.636700 |
| 1236 - 1237 | 47.37                 | 06°19'37"NE | 1237        | 625,856.751000  | 2,565,254.716200 |
| 1237 - 1238 | 98.81                 | 59°02'57"NE | 1238        | 625,941.489400  | 2,565,305.532800 |
| 1238 - 1239 | 35.05                 | 07°09'51"NE | 1239        | 625,945.860600  | 2,565,340.308300 |
| 1239 - 1240 | 318.08                | 07°09'51"NE | 1240        | 625,985.530300  | 2,565,655.902900 |
| 1240 - 1241 | 123.08                | 18°57'04"NW | 1241        | 625,945.560000  | 2,565,772.307600 |
| 1241 - 1242 | 53.33                 | 07°07'30"NE | 1242        | 625,952.174600  | 2,565,825.224400 |
| 1242 - 1243 | 79.38                 | 36°52'11"NE | 1243        | 625,999.799700  | 2,565,888.724500 |
| 1243 - 1244 | 66.36                 | 04°34'26"NE | 1244        | 626,005.091400  | 2,565,954.870500 |
| 1244 - 1245 | 50.75                 | 30°12'56"NE | 1245        | 626,030.630900  | 2,565,998.724000 |
| 1245 - 1246 | 54.01                 | 75°23'02"NE | 1246        | 626,082.890300  | 2,566,012.352200 |
| 1246 - 1247 | 228.69                | 01°23'29"NE | 1247        | 626,088.444000  | 2,566,240.979400 |
| 1247 - 1248 | 29.68                 | 89°51'22"NE | 1248        | 626,118.119300  | 2,566,241.053800 |
| 1248 - 1249 | 56.67                 | 01°08'38"NW | 1249        | 626,116.987900  | 2,566,297.714500 |
| 1249 - 1250 | 1.22                  | 89°32'33"SW | 1250        | 626,115.772400  | 2,566,297.704800 |
| 1250 - 1251 | 25.13                 | 89°33'35"SW | 1251        | 626,090.640600  | 2,566,297.511700 |
| 1251 - 1252 | 52.38                 | 04°09'26"NW | 1252        | 626,086.843200  | 2,566,349.753300 |
| 1252 - 1253 | 21.70                 | 57°58'25"NW | 1253        | 626,068.447500  | 2,566,361.259900 |
| 1253 - 1254 | 117.61                | 57°58'26"NW | 1254        | 625,968.734000  | 2,566,423.630500 |
| 1254 - 1255 | 178.18                | 00°39'26"NW | 1255        | 625,966.689700  | 2,566,601.796000 |
| 1255 - 1256 | 7.68                  | 00°39'27"NW | 1256        | 625,966.601500  | 2,566,609.480100 |
| 1256 - 1257 | 198.08                | 49°31'51"NW | 1257        | 625,815.914000  | 2,566,738.038700 |
| 1257 - 1258 | 59.77                 | 27°41'58"NW | 1258        | 625,788.132600  | 2,566,790.955500 |
| 1258 - 1259 | 115.28                | 03°17'21"NE | 1259        | 625,794.747200  | 2,566,906.049400 |
| 1259 - 1260 | 7.82                  | 78°41'22"NE | 1260        | 625,802.415900  | 2,566,907.583200 |
| 1260 - 1261 | 5.67                  | 78°41'24"NE | 1261        | 625,807.976400  | 2,566,908.695300 |
| 1261 - 1262 | 50.38                 | 29°55'53"SE | 1262        | 625,833.111900  | 2,566,865.039000 |
| 1262 - 1263 | 53.33                 | 43°59'41"SE | 1263        | 625,870.153600  | 2,566,826.674300 |
| 1263 - 1264 | 70.16                 | 87°50'20"SE | 1264        | 625,940.268400  | 2,566,824.028500 |
| 1264 - 1265 | 66.56                 | 04°26'56"NE | 1265        | 625,945.431900  | 2,566,890.391500 |
| 1265 - 1266 | 149.35                | 29°02'14"NE | 1266        | 626,017.925500  | 2,567,020.973000 |
| 1266 - 1267 | 42.61                 | 04°05'31"NE | 1267        | 626,020.966400  | 2,567,063.476800 |
| 1267 - 1268 | 17.01                 | 57°05'40"NW | 1268        | 626,006.686000  | 2,567,072.717100 |
| 1268 - 1269 | 9.78                  | 57°05'39"NW | 1269        | 625,998.476800  | 2,567,078.029000 |
| 1269 - 1270 | 42.35                 | 14°28'12"NW | 1270        | 625,987.893500  | 2,567,119.039500 |
| 1270 - 1271 | 63.31                 | 10°50'25"NW | 1271        | 625,975.987200  | 2,567,181.216700 |
| 1271 - 1272 | 77.35                 | 21°04'56"NE | 1272        | 626,003.812700  | 2,567,253.393800 |
| 1272 - 1273 | 26.35                 | 58°23'32"NE | 1273        | 626,026.258100  | 2,567,267.206400 |
| 1273 - 1274 | 82.53                 | 05°58'29"NE | 1274        | 626,034.849000  | 2,567,349.288100 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1274 - 1275 | 119.76                | 10°25'14"NW | 1275        | 626,013.186900  | 2,567,467.075300 |
| 1275 - 1276 | 53.55                 | 02°53'54"NW | 1276        | 626,010.479200  | 2,567,520.553500 |
| 1276 - 1277 | 93.61                 | 01°29'44"NW | 1277        | 626,008.035900  | 2,567,614.130000 |
| 1277 - 1278 | 62.19                 | 13°14'57"NE | 1278        | 626,022.289400  | 2,567,674.665600 |
| 1278 - 1279 | 43.98                 | 15°42'31"NW | 1279        | 626,010.383100  | 2,567,716.999000 |
| 1279 - 1280 | 63.18                 | 06°03'48"NW | 1280        | 626,003.709800  | 2,567,779.820900 |
| 1280 - 1281 | 50.96                 | 70°36'08"SW | 1281        | 625,955.647200  | 2,567,762.897500 |
| 1281 - 1282 | 55.32                 | 13°18'24"SW | 1282        | 625,942.914200  | 2,567,709.061500 |
| 1282 - 1283 | 49.16                 | 23°48'21"SW | 1283        | 625,923.070400  | 2,567,664.082200 |
| 1283 - 1284 | 22.03                 | 48°30'12"SW | 1284        | 625,906.567400  | 2,567,649.483400 |
| 1284 - 1285 | 3.84                  | 48°30'12"SW | 1285        | 625,903.688300  | 2,567,646.936500 |
| 1285 - 1286 | 20.05                 | 48°30'13"SW | 1286        | 625,888.674500  | 2,567,633.655100 |
| 1286 - 1287 | 78.33                 | 85°09'21"SW | 1287        | 625,810.622300  | 2,567,627.040500 |
| 1287 - 1288 | 22.61                 | 69°26'38"NW | 1288        | 625,789.455600  | 2,567,634.978000 |
| 1288 - 1289 | 61.61                 | 14°55'53"NW | 1289        | 625,773.580500  | 2,567,694.509400 |
| 1289 - 1290 | 169.80                | 16°34'43"NE | 1290        | 625,822.029900  | 2,567,857.249600 |
| 1290 - 1291 | 1.16                  | 16°34'45"NE | 1291        | 625,822.361800  | 2,567,858.364400 |
| 1291 - 1292 | 9.86                  | 16°34'43"NE | 1292        | 625,825.174400  | 2,567,867.811800 |
| 1292 - 1293 | 39.18                 | 78°18'38"NE | 1293        | 625,863.539000  | 2,567,875.749300 |
| 1293 - 1294 | 25.52                 | 90°00'00"NE | 1294        | 625,889.063000  | 2,567,875.749300 |
| 1294 - 1295 | 26.07                 | 90°00'00"NE | 1295        | 625,915.132900  | 2,567,875.749300 |
| 1295 - 1296 | 37.86                 | 65°23'25"NE | 1296        | 625,949.554700  | 2,567,891.515800 |
| 1296 - 1297 | 235.74                | 07°16'08"NE | 1297        | 625,979.382300  | 2,568,125.363900 |
| 1297 - 1298 | 241.26                | 06°09'32"NW | 1298        | 625,953.497600  | 2,568,365.229500 |
| 1298 - 1299 | 84.67                 | 00°00'00"NE | 1299        | 625,953.497600  | 2,568,449.896300 |
| 1299 - 1300 | 67.07                 | 09°08'56"NE | 1300        | 625,964.162800  | 2,568,516.117500 |
| 1300 - 1301 | 336.46                | 03°03'55"NW | 1301        | 625,946.170000  | 2,568,852.091400 |
| 1301 - 1302 | 293.20                | 16°38'09"NW | 1302        | 625,862.229700  | 2,569,133.020900 |
| 1302 - 1303 | 71.81                 | 45°45'50"NW | 1303        | 625,810.782400  | 2,569,183.114300 |
| 1303 - 1304 | 138.22                | 20°40'08"NE | 1304        | 625,859.570300  | 2,569,312.439700 |
| 1304 - 1305 | 22.64                 | 25°01'00"NW | 1305        | 625,849.997100  | 2,569,332.953700 |
| 1305 - 1306 | 21.16                 | 25°01'00"NW | 1306        | 625,841.049400  | 2,569,352.127300 |
| 1306 - 1307 | 56.89                 | 28°24'19"NE | 1307        | 625,868.110400  | 2,569,402.164500 |
| 1307 - 1308 | 36.00                 | 28°24'18"NE | 1308        | 625,885.237500  | 2,569,433.833600 |
| 1308 - 1309 | 29.63                 | 13°00'56"NE | 1309        | 625,891.911000  | 2,569,462.703900 |
| 1309 - 1310 | 17.80                 | 20°33'58"NE | 1310        | 625,898.163000  | 2,569,479.366900 |
| 1310 - 1311 | 13.47                 | 72°56'50"NE | 1311        | 625,911.043200  | 2,569,483.317700 |
| 1311 - 1312 | 64.00                 | 04°28'36"NW | 1312        | 625,906.047600  | 2,569,547.122700 |
| 1312 - 1313 | 3.13                  | 04°28'32"NW | 1313        | 625,905.803500  | 2,569,550.241200 |
| 1313 - 1314 | 24.32                 | 55°57'51"NW | 1314        | 625,885.650100  | 2,569,563.853100 |
| 1314 - 1315 | 133.95                | 46°19'09"NW | 1315        | 625,788.774900  | 2,569,656.367000 |
| 1315 - 1316 | 51.76                 | 46°19'08"NW | 1316        | 625,751.343000  | 2,569,692.113800 |
| 1316 - 1317 | 42.82                 | 46°19'09"NW | 1317        | 625,720.372600  | 2,569,721.689800 |
| 1317 - 1318 | 19.42                 | 75°37'06"NE | 1318        | 625,739.184600  | 2,569,726.513400 |
| 1318 - 1319 | 51.59                 | 67°22'48"NE | 1319        | 625,786.809700  | 2,569,746.357200 |
| 1319 - 1320 | 54.92                 | 45°32'17"NE | 1320        | 625,826.005800  | 2,569,784.823600 |
| 1320 - 1321 | 322.29                | 05°22'06"NE | 1321        | 625,856.158500  | 2,570,105.695000 |
| 1321 - 1322 | 43.36                 | 24°48'25"NW | 1322        | 625,837.967400  | 2,570,145.051500 |
| 1322 - 1323 | 36.89                 | 24°48'24"NW | 1323        | 625,822.488400  | 2,570,178.540500 |
| 1323 - 1324 | 16.73                 | 07°01'47"NE | 1324        | 625,824.535500  | 2,570,195.141200 |
| 1324 - 1325 | 106.41                | 07°01'47"NE | 1325        | 625,837.558500  | 2,570,300.748900 |
| 1325 - 1326 | 310.34                | 03°42'53"NW | 1326        | 625,817.451700  | 2,570,610.435500 |
| 1326 - 1327 | 120.79                | 03°42'53"NW | 1327        | 625,809.625500  | 2,570,730.974700 |
| 1327 - 1328 | 69.98                 | 32°16'32"NW | 1328        | 625,772.257600  | 2,570,790.140600 |
| 1328 - 1329 | 113.25                | 37°24'19"NW | 1329        | 625,703.465800  | 2,570,880.099100 |
| 1329 - 1330 | 66.60                 | 25°36'48"NW | 1330        | 625,674.674800  | 2,570,940.154400 |
| 1330 - 1331 | 5.61                  | 42°19'17"NW | 1331        | 625,670.896200  | 2,570,944.303900 |
| 1331 - 1332 | 47.93                 | 15°45'34"NE | 1332        | 625,683.913800  | 2,570,990.431400 |



| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1332 - 1333 | 91.77                 | 72°56'04"NE | 1333        | 625,771.645800  | 2,571,017.363200 |
| 1333 - 1334 | 65.72                 | 10°55'03"NE | 1334        | 625,784.092900  | 2,571,081.892500 |
| 1334 - 1335 | 157.74                | 03°39'19"NW | 1335        | 625,774.035800  | 2,571,239.311800 |
| 1335 - 1336 | 17.95                 | 23°11'55"NW | 1336        | 625,766.965900  | 2,571,255.808100 |
| 1336 - 1337 | 43.09                 | 17°52'43"NW | 1337        | 625,753.736700  | 2,571,296.818600 |
| 1337 - 1338 | 46.30                 | 00°00'00"NE | 1338        | 625,753.736700  | 2,571,343.120800 |
| 1338 - 1339 | 30.52                 | 22°53'28"NE | 1339        | 625,765.607600  | 2,571,371.235000 |
| 1339 - 1340 | 26.70                 | 03°39'19"NW | 1340        | 625,763.905400  | 2,571,397.879600 |
| 1340 - 1341 | 140.69                | 03°39'19"NW | 1341        | 625,754.935400  | 2,571,538.282600 |
| 1341 - 1342 | 103.64                | 23°06'58"NW | 1342        | 625,714.245700  | 2,571,633.602800 |
| 1342 - 1343 | 45.47                 | 47°02'02"NW | 1343        | 625,680.976200  | 2,571,664.590200 |
| 1343 - 1344 | 194.26                | 15°16'58"NW | 1344        | 625,629.772600  | 2,571,851.978900 |
| 1344 - 1345 | 96.08                 | 04°58'21"NW | 1345        | 625,621.444800  | 2,571,947.694900 |
| 1345 - 1346 | 124.80                | 04°51'52"NE | 1346        | 625,632.028200  | 2,572,072.049400 |
| 1346 - 1347 | 154.90                | 27°05'03"NE | 1347        | 625,702.555900  | 2,572,209.965200 |
| 1347 - 1348 | 72.91                 | 80°21'17"NE | 1348        | 625,774.432200  | 2,572,222.180500 |
| 1348 - 1349 | 45.01                 | 08°12'55"NE | 1349        | 625,780.863600  | 2,572,266.726100 |
| 1349 - 1350 | 58.77                 | 07°59'16"NW | 1350        | 625,772.697100  | 2,572,324.923700 |
| 1350 - 1351 | 44.46                 | 07°59'16"NW | 1351        | 625,766.518500  | 2,572,368.954400 |
| 1351 - 1352 | 58.31                 | 58°06'53"NW | 1352        | 625,717.003200  | 2,572,399.757000 |
| 1352 - 1353 | 182.71                | 07°06'37"NE | 1353        | 625,739.618900  | 2,572,581.059100 |
| 1353 - 1354 | 82.70                 | 43°15'41"NW | 1354        | 625,682.942400  | 2,572,641.283900 |
| 1354 - 1355 | 96.07                 | 05°46'08"NE | 1355        | 625,692.599200  | 2,572,736.866400 |
| 1355 - 1356 | 139.32                | 10°39'58"NW | 1356        | 625,666.813200  | 2,572,873.776200 |
| 1356 - 1357 | 97.48                 | 29°26'40"NE | 1357        | 625,714.731000  | 2,572,958.662300 |
| 1357 - 1358 | 94.26                 | 10°48'49"NE | 1358        | 625,732.416100  | 2,573,051.250000 |
| 1358 - 1359 | 207.30                | 20°25'34"NW | 1359        | 625,660.068900  | 2,573,245.513100 |
| 1359 - 1360 | 80.03                 | 20°25'34"NW | 1360        | 625,632.139100  | 2,573,320.509000 |
| 1360 - 1361 | 117.40                | 02°41'14"NW | 1361        | 625,626.634600  | 2,573,437.782300 |
| 1361 - 1362 | 62.57                 | 20°00'55"NE | 1362        | 625,648.051000  | 2,573,496.574100 |
| 1362 - 1363 | 80.19                 | 39°48'51"NE | 1363        | 625,699.395200  | 2,573,558.168000 |
| 1363 - 1364 | 84.10                 | 19°17'24"NE | 1364        | 625,727.176500  | 2,573,637.543200 |
| 1364 - 1365 | 72.60                 | 07°43'18"NW | 1365        | 625,717.422200  | 2,573,709.480700 |
| 1365 - 1366 | 48.86                 | 13°33'13"NE | 1366        | 625,728.872200  | 2,573,756.976700 |
| 1366 - 1367 | 4.25                  | 82°08'51"NE | 1367        | 625,733.087200  | 2,573,757.558000 |
| 1367 - 1368 | 22.08                 | 82°08'47"NE | 1368        | 625,754.957800  | 2,573,760.574700 |
| 1368 - 1369 | 56.89                 | 02°23'09"NW | 1369        | 625,752.589500  | 2,573,817.412400 |
| 1369 - 1370 | 25.47                 | 02°23'09"NW | 1370        | 625,751.529300  | 2,573,842.857100 |
| 1370 - 1371 | 12.98                 | 02°23'09"NW | 1371        | 625,750.989000  | 2,573,855.824900 |
| 1371 - 1372 | 186.81                | 43°00'50"NW | 1372        | 625,623.548100  | 2,573,992.421300 |
| 1372 - 1373 | 77.41                 | 03°26'55"NW | 1373        | 625,618.891600  | 2,574,069.689400 |
| 1373 - 1374 | 41.77                 | 10°47'06"NE | 1374        | 625,626.706900  | 2,574,110.716700 |
| 1374 - 1375 | 30.25                 | 16°10'28"NE | 1375        | 625,635.134900  | 2,574,139.774000 |
| 1375 - 1376 | 27.46                 | 33°32'08"NE | 1376        | 625,650.306000  | 2,574,162.664100 |
| 1376 - 1377 | 13.98                 | 81°29'28"SE | 1377        | 625,664.137000  | 2,574,160.594900 |
| 1377 - 1378 | 22.47                 | 51°32'23"NE | 1378        | 625,681.730000  | 2,574,174.569100 |
| 1378 - 1379 | 22.83                 | 80°17'26"NE | 1379        | 625,704.234100  | 2,574,178.419600 |
| 1379 - 1380 | 0.65                  | 80°17'12"NE | 1380        | 625,704.870300  | 2,574,178.528500 |
| 1380 - 1381 | 0.92                  | 80°17'28"NE | 1381        | 625,705.778600  | 2,574,178.683900 |
| 1381 - 1382 | 7.78                  | 80°17'32"NE | 1382        | 625,713.448000  | 2,574,179.995900 |
| 1382 - 1383 | 36.93                 | 67°36'14"SE | 1383        | 625,747.596000  | 2,574,165.923900 |
| 1383 - 1384 | 21.99                 | 65°08'59"SE | 1384        | 625,767.552100  | 2,574,156.681700 |
| 1384 - 1385 | 82.38                 | 02°21'11"NE | 1385        | 625,770.934700  | 2,574,238.991200 |
| 1385 - 1386 | 18.49                 | 66°31'12"NW | 1386        | 625,753.971600  | 2,574,246.359900 |
| 1386 - 1387 | 10.83                 | 90°00'00"NW | 1387        | 625,743.140000  | 2,574,246.359900 |
| 1387 - 1388 | 42.83                 | 60°44'11"NW | 1388        | 625,705.778600  | 2,574,267.294900 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1388 - 1389 | 0.41                  | 00°00'00"NE | 1389        | 625,705.778600  | 2,574,267.701600 |
| 1389 - 1390 | 23.01                 | 60°15'51"NW | 1390        | 625,685.798000  | 2,574,279.114900 |
| 1390 - 1391 | 51.42                 | 34°23'26"NW | 1391        | 625,656.755000  | 2,574,321.545900 |
| 1391 - 1392 | 64.53                 | 16°46'05"NW | 1392        | 625,638.138000  | 2,574,383.331900 |
| 1392 - 1393 | 73.38                 | 31°12'50"NW | 1393        | 625,600.107500  | 2,574,446.092800 |
| 1393 - 1394 | 13.68                 | 15°51'44"NE | 1394        | 625,603.845500  | 2,574,459.247900 |
| 1394 - 1395 | 20.18                 | 86°43'45"NE | 1395        | 625,623.988800  | 2,574,460.399000 |
| 1395 - 1396 | 59.66                 | 86°11'09"SE | 1396        | 625,683.520100  | 2,574,456.430200 |
| 1396 - 1397 | 19.08                 | 56°18'35"NE | 1397        | 625,699.395200  | 2,574,467.013600 |
| 1397 - 1398 | 42.70                 | 16°11'20"NE | 1398        | 625,711.301400  | 2,574,508.024100 |
| 1398 - 1399 | 178.69                | 07°13'48"NE | 1399        | 625,733.791100  | 2,574,685.295300 |
| 1399 - 1400 | 42.04                 | 24°08'44"NW | 1400        | 625,716.593100  | 2,574,723.659900 |
| 1400 - 1401 | 66.95                 | 37°46'32"NW | 1401        | 625,675.582600  | 2,574,776.576700 |
| 1401 - 1402 | 7.32                  | 45°35'25"NW | 1402        | 625,670.356600  | 2,574,781.696100 |
| 1402 - 1403 | 45.69                 | 09°53'27"NW | 1403        | 625,662.508600  | 2,574,826.705100 |
| 1403 - 1404 | 65.96                 | 02°13'19"NW | 1404        | 625,659.951300  | 2,574,892.610600 |
| 1404 - 1405 | 68.42                 | 20°10'38"NE | 1405        | 625,683.551700  | 2,574,956.832700 |
| 1405 - 1406 | 31.61                 | 48°47'15"NE | 1406        | 625,707.332700  | 2,574,977.660400 |
| 1406 - 1407 | 34.05                 | 06°12'56"NW | 1407        | 625,703.645700  | 2,575,011.513100 |
| 1407 - 1408 | 52.30                 | 35°30'48"NW | 1408        | 625,673.266200  | 2,575,054.082200 |
| 1408 - 1409 | 71.90                 | 22°26'43"NE | 1409        | 625,700.718100  | 2,575,120.535700 |
| 1409 - 1410 | 60.06                 | 07°35'40"NE | 1410        | 625,708.655600  | 2,575,180.067100 |
| 1410 - 1411 | 71.55                 | 03°10'47"NE | 1411        | 625,712.624400  | 2,575,251.504700 |
| 1411 - 1412 | 42.35                 | 14°28'13"NW | 1412        | 625,702.041000  | 2,575,292.515200 |
| 1412 - 1413 | 8.57                  | 51°50'34"NW | 1413        | 625,695.305200  | 2,575,297.807600 |
| 1413 - 1414 | 38.54                 | 51°50'33"NW | 1414        | 625,664.999300  | 2,575,321.619500 |
| 1414 - 1415 | 108.33                | 28°26'34"NW | 1415        | 625,613.405400  | 2,575,416.869600 |
| 1415 - 1416 | 23.52                 | 05°13'49"NW | 1416        | 625,611.261600  | 2,575,440.287700 |
| 1416 - 1417 | 89.94                 | 08°08'07"NE | 1417        | 625,623.988800  | 2,575,529.317800 |
| 1417 - 1418 | 57.44                 | 14°40'34"NW | 1418        | 625,609.436700  | 2,575,584.880400 |
| 1418 - 1419 | 88.64                 | 00°00'00"NE | 1419        | 625,609.436700  | 2,575,673.516000 |
| 1419 - 1420 | 101.76                | 15°50'35"NW | 1420        | 625,581.655300  | 2,575,771.412000 |
| 1420 - 1421 | 88.72                 | 02°33'49"NW | 1421        | 625,577.686600  | 2,575,860.047600 |
| 1421 - 1422 | 144.25                | 01°34'35"NE | 1422        | 625,581.655300  | 2,576,004.245800 |
| 1422 - 1423 | 148.26                | 34°49'28"NE | 1423        | 625,666.322200  | 2,576,125.954400 |
| 1423 - 1424 | 33.19                 | 85°02'46"NE | 1424        | 625,699.389900  | 2,576,128.820600 |
| 1424 - 1425 | 521.03                | 00°46'57"NW | 1425        | 625,692.272000  | 2,576,649.803800 |
| 1425 - 1426 | 47.97                 | 16°26'21"NW | 1426        | 625,678.695100  | 2,576,695.817400 |
| 1426 - 1427 | 132.43                | 33°33'11"NW | 1427        | 625,605.497900  | 2,576,806.183700 |
| 1427 - 1428 | 19.30                 | 26°29'51"NW | 1428        | 625,596.885500  | 2,576,823.459200 |
| 1428 - 1429 | 106.25                | 36°16'09"NW | 1429        | 625,534.030300  | 2,576,909.122600 |
| 1429 - 1430 | 242.72                | 02°30'17"NE | 1430        | 625,544.638700  | 2,577,151.612500 |
| 1430 - 1431 | 123.85                | 13°35'27"NE | 1431        | 625,573.742900  | 2,577,271.998200 |
| 1431 - 1432 | 53.53                 | 60°09'03"NE | 1432        | 625,620.174700  | 2,577,298.642700 |
| 1432 - 1433 | 53.47                 | 43°59'22"NE | 1433        | 625,657.309100  | 2,577,337.110500 |
| 1433 - 1434 | 81.52                 | 20°19'22"NE | 1434        | 625,685.620500  | 2,577,413.552000 |
| 1434 - 1435 | 95.75                 | 20°02'13"NW | 1435        | 625,652.812100  | 2,577,503.510500 |
| 1435 - 1436 | 47.24                 | 07°35'27"NE | 1436        | 625,659.051900  | 2,577,550.332100 |
| 1436 - 1437 | 26.42                 | 18°56'05"NE | 1437        | 625,667.625700  | 2,577,575.324400 |
| 1437 - 1438 | 0.03                  | 18°51'11"NE | 1438        | 625,667.636900  | 2,577,575.357200 |
| 1438 - 1439 | 0.28                  | 71°34'41"NE | 1439        | 625,667.899300  | 2,577,575.444600 |
| 1439 - 1440 | 57.53                 | 11°50'43"NE | 1440        | 625,679.707800  | 2,577,631.745600 |
| 1440 - 1441 | 44.83                 | 00°31'01"NW | 1441        | 625,679.303300  | 2,577,676.576700 |
| 1441 - 1442 | 51.90                 | 00°31'00"NW | 1442        | 625,678.835100  | 2,577,728.475100 |
| 1442 - 1443 | 17.19                 | 21°18'13"NW | 1443        | 625,672.588000  | 2,577,744.494900 |
| 1443 - 1444 | 86.11                 | 13°55'16"NW | 1444        | 625,651.872000  | 2,577,828.071300 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1444 - 1445 | 76.73                 | 00°00'00"NE | 1445        | 625,651.872000  | 2,577,904.800600 |
| 1445 - 1446 | 45.11                 | 33°42'35"NE | 1446        | 625,676.905500  | 2,577,942.322600 |
| 1446 - 1447 | 389.35                | 07°57'15"NW | 1447        | 625,623.026100  | 2,578,327.930300 |
| 1447 - 1448 | 69.28                 | 14°59'22"NE | 1448        | 625,640.945000  | 2,578,394.853800 |
| 1448 - 1449 | 145.33                | 10°38'10"NW | 1449        | 625,614.121800  | 2,578,537.682100 |
| 1449 - 1450 | 71.20                 | 32°09'09"NW | 1450        | 625,576.230000  | 2,578,597.964000 |
| 1450 - 1451 | 91.77                 | 03°35'35"NW | 1451        | 625,570.478400  | 2,578,689.557200 |
| 1451 - 1452 | 15.53                 | 03°35'35"NW | 1452        | 625,569.505300  | 2,578,705.053600 |
| 1452 - 1453 | 4.49                  | 68°24'19"NE | 1453        | 625,573.681700  | 2,578,706.706700 |
| 1453 - 1454 | 52.60                 | 68°24'16"NE | 1454        | 625,622.588500  | 2,578,726.065700 |
| 1454 - 1455 | 48.87                 | 17°39'00"NE | 1455        | 625,637.405200  | 2,578,772.632500 |
| 1455 - 1456 | 52.45                 | 02°04'19"NE | 1456        | 625,639.301400  | 2,578,825.044000 |
| 1456 - 1457 | 199.07                | 31°26'34"NW | 1457        | 625,535.455100  | 2,578,994.886100 |
| 1457 - 1458 | 64.17                 | 08°17'49"NW | 1458        | 625,526.194600  | 2,579,058.386300 |
| 1458 - 1459 | 42.21                 | 32°11'44"NE | 1459        | 625,548.684200  | 2,579,094.105100 |
| 1459 - 1460 | 39.27                 | 54°27'08"NE | 1460        | 625,580.636400  | 2,579,116.936400 |
| 1460 - 1461 | 64.40                 | 23°50'32"NE | 1461        | 625,606.670200  | 2,579,175.844700 |
| 1461 - 1462 | 161.99                | 13°12'11"NW | 1462        | 625,569.671700  | 2,579,333.550300 |
| 1462 - 1463 | 110.38                | 22°39'08"NE | 1463        | 625,612.184400  | 2,579,435.418300 |
| 1463 - 1464 | 90.90                 | 21°20'12"NW | 1464        | 625,579.111400  | 2,579,520.085100 |
| 1464 - 1465 | 27.14                 | 46°58'29"NW | 1465        | 625,559.267600  | 2,579,538.606000 |
| 1465 - 1466 | 46.21                 | 13°14'26"NE | 1466        | 625,569.851000  | 2,579,583.585200 |
| 1466 - 1467 | 17.25                 | 57°31'43"NW | 1467        | 625,555.298800  | 2,579,592.845700 |
| 1467 - 1468 | 30.46                 | 34°22'48"SW | 1468        | 625,538.100900  | 2,579,567.710200 |
| 1468 - 1469 | 38.46                 | 03°56'42"SW | 1469        | 625,535.455100  | 2,579,529.345500 |
| 1469 - 1470 | 24.06                 | 41°25'55"SW | 1470        | 625,519.531700  | 2,579,511.304300 |
| 1470 - 1471 | 31.26                 | 57°39'54"NW | 1471        | 625,493.121600  | 2,579,528.022600 |
| 1471 - 1472 | 62.40                 | 04°51'51"NW | 1472        | 625,487.830000  | 2,579,590.199800 |
| 1472 - 1473 | 9.83                  | 17°38'58"NE | 1473        | 625,490.810300  | 2,579,599.566700 |
| 1473 - 1474 | 51.25                 | 17°39'00"NE | 1474        | 625,506.350800  | 2,579,648.408300 |
| 1474 - 1475 | 88.68                 | 28°21'17"NW | 1475        | 625,464.235300  | 2,579,726.445900 |
| 1475 - 1476 | 6.03                  | 28°21'17"NW | 1476        | 625,461.371600  | 2,579,731.752200 |
| 1476 - 1477 | 62.23                 | 02°26'12"NW | 1477        | 625,458.725700  | 2,579,793.929400 |
| 1477 - 1478 | 82.83                 | 63°26'05"NE | 1478        | 625,532.809200  | 2,579,830.971100 |
| 1478 - 1479 | 68.00                 | 37°05'34"NE | 1479        | 625,573.819700  | 2,579,885.210800 |
| 1479 - 1480 | 44.76                 | 00°56'52"NE | 1480        | 625,574.560200  | 2,579,929.959700 |
| 1480 - 1481 | 40.84                 | 24°54'17"NW | 1481        | 625,557.362200  | 2,579,967.001400 |
| 1481 - 1482 | 44.38                 | 29°34'47"NW | 1482        | 625,535.455100  | 2,580,005.596500 |
| 1482 - 1483 | 34.93                 | 24°37'24"NE | 1483        | 625,550.007200  | 2,580,037.346500 |
| 1483 - 1484 | 86.79                 | 37°34'06"NW | 1484        | 625,497.090400  | 2,580,106.138300 |
| 1484 - 1485 | 89.23                 | 15°28'42"NE | 1485        | 625,520.902900  | 2,580,192.128100 |
| 1485 - 1486 | 45.06                 | 49°45'49"NW | 1486        | 625,486.507000  | 2,580,221.232300 |
| 1486 - 1487 | 37.46                 | 42°08'15"NE | 1487        | 625,511.642500  | 2,580,249.013600 |
| 1487 - 1488 | 14.79                 | 63°26'05"SE | 1488        | 625,524.871700  | 2,580,242.399000 |
| 1488 - 1489 | 64.06                 | 08°58'56"NE | 1489        | 625,534.872600  | 2,580,305.668800 |
| 1489 - 1490 | 51.88                 | 19°21'32"NE | 1490        | 625,552.070500  | 2,580,354.616800 |
| 1490 - 1491 | 65.09                 | 37°34'06"NE | 1491        | 625,591.758100  | 2,580,406.210700 |
| 1491 - 1492 | 9.86                  | 62°09'09"NE | 1492        | 625,600.477200  | 2,580,410.817000 |
| 1492 - 1493 | 355.15                | 01°10'47"NE | 1493        | 625,607.789400  | 2,580,765.890600 |
| 1493 - 1494 | 86.80                 | 55°59'48"NW | 1494        | 625,535.832000  | 2,580,814.432400 |
| 1494 - 1495 | 134.14                | 55°59'48"NW | 1495        | 625,424.627400  | 2,580,889.450000 |
| 1495 - 1496 | 64.46                 | 81°23'35"NE | 1496        | 625,488.359100  | 2,580,899.096200 |
| 1496 - 1497 | 92.00                 | 66°58'28"NE | 1497        | 625,573.026000  | 2,580,935.079600 |
| 1497 - 1498 | 154.03                | 00°20'23"NE | 1498        | 625,573.939500  | 2,581,089.103600 |
| 1498 - 1499 | 76.16                 | 70°42'26"NE | 1499        | 625,645.826300  | 2,581,114.267800 |
| 1499 - 1    | 164.25                | 02°55'46"NE | 1           |                 |                  |

**“Playa Rancho Nuevo”**

El Santuario conocido como Playa Rancho Nuevo, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en los municipios de Soto la Marina y Aldama, en el estado de Tamaulipas, con una superficie total de 1,843-82-35.47 hectáreas (UN MIL OCHOCIENTAS CUARENTA Y TRES HECTÁREAS, OCHENTA Y DOS ÁREAS, TREINTA Y CINCO PUNTO CUARENTA Y SIETE CENTIÁREAS). En el área se ubican once zonas de amortiguamiento con una superficie de 1,596-87-64.11 hectáreas (UN MIL QUINIENTAS NOVENTA Y SEIS HECTÁREAS, OCHENTA Y SIETE ÁREAS, SESENTA Y CUATRO PUNTO ONCE CENTIÁREAS) y diez zonas núcleo con una superficie de 246-94-71.36 hectáreas (DOSCENTAS CUARENTA Y SEIS HECTÁREAS, NOVENTA Y CUATRO ÁREAS, SETENTA Y UNA PUNTO TREINTA Y SEIS CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Rancho Nuevo, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 14 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General****(Superficie 1,843-82-35.47 hectáreas)****Zona de Amortiguamiento 1****(Superficie 46-02-36.36 hectáreas)**

| Est-PV                                                                                                                                                                       | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                              |                       |             |             | X               | Y                |
|                                                                                                                                                                              |                       |             | 1           | 625,654.220800  | 2,581,278.302600 |
| 1 - 2                                                                                                                                                                        | 62.07                 | 73°15'50"SE | 2           | 625,713.664000  | 2,581,260.428100 |
| 2 - 3                                                                                                                                                                        | 37.64                 | 73°15'50"SE | 3           | 625,749.712800  | 2,581,249.588300 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 365.80 metros hasta llegar al vértice 4. |                       |             |             |                 |                  |
|                                                                                                                                                                              |                       |             | 4           | 625,734.417400  | 2,580,885.033700 |
| 4 - 5                                                                                                                                                                        | 32.46                 | 89°56'12"SW | 5           | 625,701.961000  | 2,580,884.997900 |
| 5 - 6                                                                                                                                                                        | 20.00                 | 75°59'12"SW | 6           | 625,682.556000  | 2,580,880.154900 |
| 6 - 7                                                                                                                                                                        | 6.57                  | 14°00'46"SE | 7           | 625,684.146000  | 2,580,873.783900 |
| 7 - 8                                                                                                                                                                        | 36.77                 | 01°50'14"SE | 8           | 625,685.325000  | 2,580,837.032900 |
| 8 - 9                                                                                                                                                                        | 60.88                 | 02°05'50"SW | 9           | 625,683.097000  | 2,580,776.195900 |
| 9 - 10                                                                                                                                                                       | 54.36                 | 02°01'19"SE | 10          | 625,685.015000  | 2,580,721.873900 |
| 10 - 11                                                                                                                                                                      | 56.96                 | 02°01'09"SW | 11          | 625,683.008000  | 2,580,664.952900 |
| 11 - 12                                                                                                                                                                      | 61.91                 | 00°20'29"SW | 12          | 625,682.639000  | 2,580,603.040900 |
| 12 - 13                                                                                                                                                                      | 61.36                 | 00°46'53"SE | 13          | 625,683.476000  | 2,580,541.688900 |
| 13 - 14                                                                                                                                                                      | 61.92                 | 00°40'08"SW | 14          | 625,682.753000  | 2,580,479.777900 |
| 14 - 15                                                                                                                                                                      | 36.81                 | 00°08'18"SE | 15          | 625,682.842000  | 2,580,442.966900 |
| 15 - 16                                                                                                                                                                      | 45.57                 | 01°34'31"SW | 16          | 625,681.589000  | 2,580,397.410900 |
| 16 - 17                                                                                                                                                                      | 53.57                 | 01°02'03"SE | 17          | 625,682.556000  | 2,580,343.852900 |
| 17 - 18                                                                                                                                                                      | 42.86                 | 01°05'32"SW | 18          | 625,681.739000  | 2,580,301.001900 |
| 18 - 19                                                                                                                                                                      | 53.15                 | 01°04'02"SW | 19          | 625,680.749000  | 2,580,247.858900 |
| 19 - 20                                                                                                                                                                      | 54.59                 | 00°17'26"SW | 20          | 625,680.472000  | 2,580,193.268900 |
| 20 - 21                                                                                                                                                                      | 54.96                 | 00°30'42"SW | 21          | 625,679.981000  | 2,580,138.314900 |
| 21 - 22                                                                                                                                                                      | 31.52                 | 03°10'04"SE | 22          | 625,681.723000  | 2,580,106.840900 |
| 22 - 23                                                                                                                                                                      | 40.53                 | 01°47'48"SE | 23          | 625,682.994000  | 2,580,066.326900 |
| 23 - 24                                                                                                                                                                      | 39.34                 | 00°38'27"SE | 24          | 625,683.434000  | 2,580,026.990900 |
| 24 - 25                                                                                                                                                                      | 49.59                 | 03°05'10"SE | 25          | 625,686.104000  | 2,579,977.468900 |
| 25 - 26                                                                                                                                                                      | 62.30                 | 00°48'30"SE | 26          | 625,686.983000  | 2,579,915.175900 |
| 26 - 27                                                                                                                                                                      | 72.17                 | 02°10'21"SE | 27          | 625,689.719000  | 2,579,843.053900 |
| 27 - 28                                                                                                                                                                      | 43.87                 | 01°52'14"SE | 28          | 625,691.151000  | 2,579,799.208900 |
| 28 - 29                                                                                                                                                                      | 47.21                 | 00°52'25"SE | 29          | 625,691.871000  | 2,579,752.005900 |
| 29 - 30                                                                                                                                                                      | 36.22                 | 01°28'33"SE | 30          | 625,692.804000  | 2,579,715.798900 |
| 30 - 31                                                                                                                                                                      | 48.12                 | 01°48'45"SE | 31          | 625,694.326000  | 2,579,667.704900 |
| 31 - 32                                                                                                                                                                      | 35.44                 | 03°17'07"SE | 32          | 625,696.357000  | 2,579,632.322900 |
| 32 - 33                                                                                                                                                                      | 32.91                 | 03°27'16"SE | 33          | 625,698.340000  | 2,579,599.474900 |

|         |       |             |    |                |                  |
|---------|-------|-------------|----|----------------|------------------|
| 33 - 34 | 44.59 | 02°54'42"SW | 34 | 625,696.075000 | 2,579,554.942900 |
| 34 - 35 | 34.34 | 02°19'12"SE | 35 | 625,697.465000 | 2,579,520.633900 |
| 35 - 36 | 33.93 | 00°11'20"SE | 36 | 625,697.577000 | 2,579,486.702900 |
| 36 - 37 | 44.78 | 00°09'03"SE | 37 | 625,697.695000 | 2,579,441.918900 |
| 37 - 38 | 31.76 | 00°52'10"SE | 38 | 625,698.177000 | 2,579,410.162900 |
| 38 - 39 | 40.86 | 00°03'06"SW | 39 | 625,698.140000 | 2,579,369.305900 |
| 39 - 40 | 28.95 | 01°41'54"SE | 40 | 625,698.998000 | 2,579,340.371900 |
| 40 - 41 | 36.59 | 03°46'07"SE | 41 | 625,701.403000 | 2,579,303.860900 |
| 41 - 42 | 48.54 | 03°09'27"SE | 42 | 625,704.077000 | 2,579,255.390900 |
| 42 - 43 | 40.45 | 02°24'25"SE | 43 | 625,705.776000 | 2,579,214.974900 |
| 43 - 44 | 53.41 | 01°14'52"SE | 44 | 625,706.939000 | 2,579,161.580900 |
| 44 - 45 | 45.07 | 00°53'28"SE | 45 | 625,707.640000 | 2,579,116.517900 |
| 45 - 46 | 46.04 | 01°26'37"SE | 46 | 625,708.800000 | 2,579,070.495900 |
| 46 - 47 | 46.06 | 02°36'07"SE | 47 | 625,710.891000 | 2,579,024.485900 |
| 47 - 48 | 46.12 | 01°52'16"SE | 48 | 625,712.397000 | 2,578,978.390900 |
| 48 - 49 | 32.73 | 03°37'15"SE | 49 | 625,714.464000 | 2,578,945.727900 |
| 49 - 50 | 50.43 | 00°17'59"SE | 50 | 625,714.728000 | 2,578,895.295900 |
| 50 - 51 | 40.28 | 01°47'49"SE | 51 | 625,715.991000 | 2,578,855.038900 |
| 51 - 52 | 43.65 | 03°26'36"SE | 52 | 625,718.613000 | 2,578,811.462900 |
| 52 - 53 | 55.44 | 03°28'31"SE | 53 | 625,721.974000 | 2,578,756.121900 |
| 53 - 54 | 43.14 | 01°00'38"SE | 54 | 625,722.735000 | 2,578,712.988900 |
| 54 - 55 | 64.04 | 01°59'18"SE | 55 | 625,724.957000 | 2,578,648.987900 |
| 55 - 56 | 38.67 | 03°22'22"SE | 56 | 625,727.232000 | 2,578,610.386900 |
| 56 - 57 | 37.11 | 04°24'03"SE | 57 | 625,730.080000 | 2,578,573.381900 |
| 57 - 58 | 18.50 | 03°44'58"SE | 58 | 625,731.290000 | 2,578,554.918900 |
| 58 - 59 | 41.55 | 02°40'18"SE | 59 | 625,733.227000 | 2,578,513.412900 |
| 59 - 60 | 62.21 | 02°25'25"SE | 60 | 625,735.858000 | 2,578,451.253900 |
| 60 - 61 | 55.17 | 02°15'53"SE | 61 | 625,738.038000 | 2,578,396.130900 |
| 61 - 62 | 71.69 | 03°00'58"SE | 62 | 625,741.810000 | 2,578,324.543900 |
| 62 - 63 | 55.06 | 02°50'01"SE | 63 | 625,744.532000 | 2,578,269.552900 |
| 63 - 64 | 49.36 | 01°27'38"SE | 64 | 625,745.790000 | 2,578,220.213900 |
| 64 - 65 | 38.31 | 02°40'45"SE | 65 | 625,747.581000 | 2,578,181.943900 |
| 65 - 66 | 54.91 | 01°51'16"SE | 66 | 625,749.358000 | 2,578,127.066900 |
| 66 - 67 | 55.59 | 03°30'24"SE | 67 | 625,752.758000 | 2,578,071.584900 |
| 67 - 68 | 45.12 | 01°27'19"SE | 68 | 625,753.904000 | 2,578,026.477900 |
| 68 - 69 | 46.07 | 01°12'49"SE | 69 | 625,754.880000 | 2,577,980.414900 |
| 69 - 70 | 43.17 | 02°47'40"SE | 70 | 625,756.985000 | 2,577,937.292900 |
| 70 - 71 | 49.88 | 00°55'16"SW | 71 | 625,756.183000 | 2,577,887.417900 |
| 71 - 72 | 37.03 | 00°34'15"SW | 72 | 625,755.814000 | 2,577,850.385900 |
| 72 - 73 | 43.83 | 00°27'31"SW | 73 | 625,755.463000 | 2,577,806.556900 |
| 73 - 74 | 45.07 | 04°40'05"SE | 74 | 625,759.131000 | 2,577,761.637900 |
| 74 - 75 | 36.94 | 01°23'50"SE | 75 | 625,760.032000 | 2,577,724.703900 |
| 75 - 76 | 42.08 | 02°29'27"SE | 76 | 625,761.861000 | 2,577,682.661900 |
| 76 - 77 | 40.56 | 02°24'42"SE | 77 | 625,763.568000 | 2,577,642.133900 |
| 77 - 78 | 15.47 | 12°54'48"SW | 78 | 625,760.110000 | 2,577,627.051900 |
| 78 - 79 | 10.79 | 36°52'34"SW | 79 | 625,753.636000 | 2,577,618.421900 |
| 79 - 80 | 4.01  | 90°00'00"NW | 80 | 625,749.630000 | 2,577,618.421900 |
| 80 - 81 | 8.84  | 68°45'12"NW | 81 | 625,741.392000 | 2,577,621.624900 |
| 81 - 82 | 21.44 | 40°43'28"NW | 82 | 625,727.401000 | 2,577,637.876900 |
| 82 - 83 | 19.01 | 44°15'53"NW | 83 | 625,714.132000 | 2,577,651.490900 |
| 83 - 84 | 19.09 | 08°49'23"NW | 84 | 625,711.204000 | 2,577,670.353900 |
| 84 - 85 | 31.11 | 01°47'25"NW | 85 | 625,710.232000 | 2,577,701.450900 |
| 85 - 86 | 24.74 | 19°59'31"NW | 86 | 625,701.774000 | 2,577,724.698900 |
| 86 - 87 | 29.05 | 21°18'13"NW | 87 | 625,691.221000 | 2,577,751.760900 |
| 87 - 88 | 20.00 | 68°41'47"SW | 88 | 625,672.588000 | 2,577,744.494900 |
| 88 - 89 | 86.11 | 13°55'16"NW | 89 | 625,651.872000 | 2,577,828.071300 |
| 89 - 90 | 76.73 | 00°00'00"NE | 90 | 625,651.872000 | 2,577,904.800600 |

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
| 90 - 91   | 45.11  | 33°42'35"NE | 91  | 625,676.905500 | 2,577,942.322600 |
| 91 - 92   | 389.35 | 07°57'15"NW | 92  | 625,623.026100 | 2,578,327.930300 |
| 92 - 93   | 69.28  | 14°59'22"NE | 93  | 625,640.945000 | 2,578,394.853800 |
| 93 - 94   | 145.33 | 10°38'10"NW | 94  | 625,614.121800 | 2,578,537.682100 |
| 94 - 95   | 71.20  | 32°09'09"NW | 95  | 625,576.230000 | 2,578,597.964000 |
| 95 - 96   | 91.77  | 03°35'35"NW | 96  | 625,570.478400 | 2,578,689.557200 |
| 96 - 97   | 15.53  | 03°35'35"NW | 97  | 625,569.505300 | 2,578,705.053600 |
| 97 - 98   | 4.49   | 68°24'19"NE | 98  | 625,573.681700 | 2,578,706.706700 |
| 98 - 99   | 52.60  | 68°24'16"NE | 99  | 625,622.588500 | 2,578,726.065700 |
| 99 - 100  | 48.87  | 17°39'00"NE | 100 | 625,637.405200 | 2,578,772.632500 |
| 100 - 101 | 52.45  | 02°04'19"NE | 101 | 625,639.301400 | 2,578,825.044000 |
| 101 - 102 | 199.07 | 31°26'34"NW | 102 | 625,535.455100 | 2,578,994.886100 |
| 102 - 103 | 64.17  | 08°17'49"NW | 103 | 625,526.194600 | 2,579,058.386300 |
| 103 - 104 | 42.21  | 32°11'44"NE | 104 | 625,548.684200 | 2,579,094.105100 |
| 104 - 105 | 39.27  | 54°27'08"NE | 105 | 625,580.636400 | 2,579,116.936400 |
| 105 - 106 | 64.40  | 23°50'32"NE | 106 | 625,606.670200 | 2,579,175.844700 |
| 106 - 107 | 161.99 | 13°12'11"NW | 107 | 625,569.671700 | 2,579,333.550300 |
| 107 - 108 | 110.38 | 22°39'08"NE | 108 | 625,612.184400 | 2,579,435.418300 |
| 108 - 109 | 90.90  | 21°20'12"NW | 109 | 625,579.111400 | 2,579,520.085100 |
| 109 - 110 | 27.14  | 46°58'29"NW | 110 | 625,559.267600 | 2,579,538.606000 |
| 110 - 111 | 46.21  | 13°14'26"NE | 111 | 625,569.851000 | 2,579,583.585200 |
| 111 - 112 | 17.25  | 57°31'43"NW | 112 | 625,555.298800 | 2,579,592.845700 |
| 112 - 113 | 30.46  | 34°22'48"SW | 113 | 625,538.100900 | 2,579,567.710200 |
| 113 - 114 | 38.46  | 03°56'42"SW | 114 | 625,535.455100 | 2,579,529.345500 |
| 114 - 115 | 24.06  | 41°25'55"SW | 115 | 625,519.531700 | 2,579,511.304300 |
| 115 - 116 | 31.26  | 57°39'54"NW | 116 | 625,493.121600 | 2,579,528.022600 |
| 116 - 117 | 62.40  | 04°51'51"NW | 117 | 625,487.830000 | 2,579,590.199800 |
| 117 - 118 | 9.83   | 17°38'58"NE | 118 | 625,490.810300 | 2,579,599.566700 |
| 118 - 119 | 51.25  | 17°39'00"NE | 119 | 625,506.350800 | 2,579,648.408300 |
| 119 - 120 | 88.68  | 28°21'17"NW | 120 | 625,464.235300 | 2,579,726.445900 |
| 120 - 121 | 6.03   | 28°21'17"NW | 121 | 625,461.371600 | 2,579,731.752200 |
| 121 - 122 | 62.23  | 02°26'12"NW | 122 | 625,458.725700 | 2,579,793.929400 |
| 122 - 123 | 82.83  | 63°26'05"NE | 123 | 625,532.809200 | 2,579,830.971100 |
| 123 - 124 | 68.00  | 37°05'34"NE | 124 | 625,573.819700 | 2,579,885.210800 |
| 124 - 125 | 44.76  | 00°56'52"NE | 125 | 625,574.560200 | 2,579,929.959700 |
| 125 - 126 | 40.84  | 24°54'17"NW | 126 | 625,557.362200 | 2,579,967.001400 |
| 126 - 127 | 44.38  | 29°34'47"NW | 127 | 625,535.455100 | 2,580,005.596500 |
| 127 - 128 | 34.93  | 24°37'24"NE | 128 | 625,550.007200 | 2,580,037.346500 |
| 128 - 129 | 86.79  | 37°34'06"NW | 129 | 625,497.090400 | 2,580,106.138300 |
| 129 - 130 | 89.23  | 15°28'42"NE | 130 | 625,520.902900 | 2,580,192.128100 |
| 130 - 131 | 45.06  | 49°45'49"NW | 131 | 625,486.507000 | 2,580,221.232300 |
| 131 - 132 | 37.46  | 42°08'15"NE | 132 | 625,511.642500 | 2,580,249.013600 |
| 132 - 133 | 14.79  | 63°26'05"SE | 133 | 625,524.871700 | 2,580,242.399000 |
| 133 - 134 | 64.06  | 08°58'56"NE | 134 | 625,534.872600 | 2,580,305.668800 |
| 134 - 135 | 51.88  | 19°21'32"NE | 135 | 625,552.070500 | 2,580,354.616800 |
| 135 - 136 | 65.09  | 37°34'06"NE | 136 | 625,591.758100 | 2,580,406.210700 |
| 136 - 137 | 9.86   | 62°09'09"NE | 137 | 625,600.477200 | 2,580,410.817000 |
| 137 - 138 | 355.15 | 01°10'47"NE | 138 | 625,607.789400 | 2,580,765.890600 |
| 138 - 139 | 86.80  | 55°59'48"NW | 139 | 625,535.832000 | 2,580,814.432400 |
| 139 - 140 | 134.14 | 55°59'48"NW | 140 | 625,424.627400 | 2,580,889.450000 |
| 140 - 141 | 64.46  | 81°23'35"NE | 141 | 625,488.359100 | 2,580,899.096200 |
| 141 - 142 | 92.00  | 66°58'28"NE | 142 | 625,573.026000 | 2,580,935.079600 |
| 142 - 143 | 154.03 | 00°20'23"NE | 143 | 625,573.939500 | 2,581,089.103600 |
| 143 - 144 | 76.16  | 70°42'26"NE | 144 | 625,645.826300 | 2,581,114.267800 |
| 144 - 1   | 164.25 | 02°55'46"NE | 1   |                |                  |

**Zona de Amortiguamiento 2**  
**(Superficie 00-94-08.88 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 625,678.835100  | 2,577,728.475100 |
| 1 - 2  | 11.62                 | 21°18'12"SE | 2           | 625,683.058000  | 2,577,717.645900 |
| 2 - 3  | 21.31                 | 19°59'19"SE | 3           | 625,690.341000  | 2,577,697.623900 |
| 3 - 4  | 29.14                 | 01°47'30"SE | 4           | 625,691.252000  | 2,577,668.500900 |
| 4 - 5  | 26.71                 | 08°49'25"SE | 5           | 625,695.349000  | 2,577,642.107900 |
| 5 - 6  | 24.78                 | 44°16'03"SE | 6           | 625,712.648000  | 2,577,624.360900 |
| 6 - 7  | 25.82                 | 40°43'11"SE | 7           | 625,729.491000  | 2,577,604.792900 |
| 7 - 8  | 17.58                 | 68°45'21"SE | 8           | 625,745.879000  | 2,577,598.421900 |
| 8 - 9  | 17.75                 | 90°00'00"NE | 9           | 625,763.633000  | 2,577,598.421900 |
| 9 - 10 | 52.05                 | 89°52'06"NE | 10          | 625,815.686000  | 2,577,598.541400 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 72.07 metros hasta llegar al vértice 11.

|         |       |             |    |                |                  |
|---------|-------|-------------|----|----------------|------------------|
|         |       |             | 11 | 625,815.547700 | 2,577,526.468600 |
| 11 - 12 | 39.50 | 89°44'55"NW | 12 | 625,776.045000 | 2,577,526.641900 |
| 12 - 13 | 20.75 | 48°49'35"NW | 13 | 625,760.429000 | 2,577,540.299900 |
| 13 - 14 | 19.57 | 50°31'07"NW | 14 | 625,745.328000 | 2,577,552.739900 |
| 14 - 15 | 41.24 | 66°11'48"NW | 15 | 625,707.599000 | 2,577,569.382900 |
| 15 - 16 | 21.35 | 49°25'34"NW | 16 | 625,691.384000 | 2,577,583.267900 |
| 16 - 17 | 24.75 | 71°34'32"SW | 17 | 625,667.899300 | 2,577,575.444500 |
| 17 - 18 | 57.53 | 11°50'43"NE | 18 | 625,679.707800 | 2,577,631.745600 |
| 18 - 19 | 44.83 | 00°31'01"NW | 19 | 625,679.303300 | 2,577,676.576700 |
| 19 - 1  | 51.90 | 00°31'00"NW | 1  |                |                  |

**Zona de Amortiguamiento 3**  
**(Superficie 44-05-59.43 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 625,686.970000  | 2,577,560.716900 |
| 1 - 2   | 12.98                 | 49°25'37"SE | 2           | 625,696.830000  | 2,577,552.273900 |
| 2 - 3   | 41.43                 | 66°11'50"SE | 3           | 625,734.737000  | 2,577,535.552900 |
| 3 - 4   | 16.52                 | 50°31'03"SE | 4           | 625,747.485000  | 2,577,525.050900 |
| 4 - 5   | 14.31                 | 48°49'38"SE | 5           | 625,758.258000  | 2,577,515.628900 |
| 5 - 6   | 29.42                 | 14°42'01"SE | 6           | 625,765.723000  | 2,577,487.174900 |
| 6 - 7   | 49.24                 | 04°36'07"SE | 7           | 625,769.674000  | 2,577,438.091900 |
| 7 - 8   | 52.23                 | 01°06'29"SW | 8           | 625,768.664000  | 2,577,385.874900 |
| 8 - 9   | 55.26                 | 01°51'48"SW | 9           | 625,766.867000  | 2,577,330.639900 |
| 9 - 10  | 56.29                 | 01°53'51"SW | 10          | 625,765.003000  | 2,577,274.382900 |
| 10 - 11 | 60.30                 | 00°35'58"SW | 11          | 625,764.372000  | 2,577,214.086900 |
| 11 - 12 | 39.52                 | 03°44'55"SW | 12          | 625,761.788000  | 2,577,174.650900 |
| 12 - 13 | 39.12                 | 02°32'45"SW | 13          | 625,760.050000  | 2,577,135.565900 |
| 13 - 14 | 37.02                 | 01°16'31"SW | 14          | 625,759.226000  | 2,577,098.557900 |
| 14 - 15 | 44.75                 | 02°41'14"SW | 15          | 625,757.128000  | 2,577,053.858900 |
| 15 - 16 | 46.72                 | 01°12'20"SW | 16          | 625,756.145000  | 2,577,007.148900 |
| 16 - 17 | 41.77                 | 00°00'00"SE | 17          | 625,756.145000  | 2,576,965.383900 |
| 17 - 18 | 43.25                 | 01°14'33"SW | 18          | 625,755.207000  | 2,576,922.140900 |
| 18 - 19 | 63.94                 | 00°35'45"SW | 19          | 625,754.542000  | 2,576,858.201900 |
| 19 - 20 | 51.09                 | 00°17'13"SW | 20          | 625,754.286000  | 2,576,807.114900 |
| 20 - 21 | 41.90                 | 00°53'09"SW | 21          | 625,753.638000  | 2,576,765.216900 |
| 21 - 22 | 41.21                 | 01°26'15"SW | 22          | 625,752.604000  | 2,576,724.016900 |
| 22 - 23 | 43.06                 | 00°31'03"SE | 23          | 625,752.993000  | 2,576,680.953900 |
| 23 - 24 | 52.99                 | 02°32'30"SE | 24          | 625,755.343000  | 2,576,628.016900 |
| 24 - 25 | 40.04                 | 01°13'56"SE | 25          | 625,756.204000  | 2,576,587.988900 |
| 25 - 26 | 30.37                 | 01°26'16"SE | 26          | 625,756.966000  | 2,576,557.632900 |

|         |       |             |    |                |                  |
|---------|-------|-------------|----|----------------|------------------|
| 26 - 27 | 40.97 | 01°12'55"SW | 27 | 625,756.097000 | 2,576,516.674900 |
| 27 - 28 | 41.27 | 01°10'18"SE | 28 | 625,756.941000 | 2,576,475.415900 |
| 28 - 29 | 29.48 | 02°43'54"SE | 29 | 625,758.346000 | 2,576,445.969900 |
| 29 - 30 | 51.07 | 00°10'50"SW | 30 | 625,758.185000 | 2,576,394.904900 |
| 30 - 31 | 42.28 | 02°40'19"SE | 31 | 625,760.156000 | 2,576,352.673900 |
| 31 - 32 | 41.47 | 02°45'12"SE | 32 | 625,762.148000 | 2,576,311.255900 |
| 32 - 33 | 40.35 | 01°06'16"SE | 33 | 625,762.926000 | 2,576,270.908900 |
| 33 - 34 | 51.57 | 02°11'53"SE | 34 | 625,764.904000 | 2,576,219.380900 |
| 34 - 35 | 39.40 | 01°59'33"SE | 35 | 625,766.274000 | 2,576,180.006900 |
| 35 - 36 | 48.33 | 02°56'49"SE | 36 | 625,768.759000 | 2,576,131.738900 |
| 36 - 37 | 39.06 | 02°30'33"SE | 37 | 625,770.469000 | 2,576,092.716900 |
| 37 - 38 | 61.32 | 00°09'38"SE | 38 | 625,770.641000 | 2,576,031.398900 |
| 38 - 39 | 31.86 | 00°20'10"SE | 39 | 625,770.828000 | 2,575,999.543900 |
| 39 - 40 | 41.73 | 01°52'27"SE | 40 | 625,772.193000 | 2,575,957.832900 |
| 40 - 41 | 31.38 | 00°41'05"SW | 41 | 625,771.818000 | 2,575,926.456900 |
| 41 - 42 | 32.62 | 01°47'50"SE | 42 | 625,772.841000 | 2,575,893.855900 |
| 42 - 43 | 34.32 | 03°32'35"SE | 43 | 625,774.962000 | 2,575,859.602900 |
| 43 - 44 | 43.48 | 01°31'05"SE | 44 | 625,776.114000 | 2,575,816.133900 |
| 44 - 45 | 43.77 | 01°53'07"SE | 45 | 625,777.554000 | 2,575,772.389900 |
| 45 - 46 | 43.04 | 02°48'31"SE | 46 | 625,779.663000 | 2,575,729.402900 |
| 46 - 47 | 21.14 | 03°40'37"SE | 47 | 625,781.019000 | 2,575,708.302900 |
| 47 - 48 | 41.06 | 03°26'10"SE | 48 | 625,783.480000 | 2,575,667.316900 |
| 48 - 49 | 57.45 | 04°01'07"SE | 49 | 625,787.506000 | 2,575,610.012900 |
| 49 - 50 | 49.66 | 01°15'03"SE | 50 | 625,788.590000 | 2,575,560.367900 |
| 50 - 51 | 30.26 | 00°34'39"SE | 51 | 625,788.895000 | 2,575,530.108900 |
| 51 - 52 | 47.84 | 03°22'23"SE | 52 | 625,791.710000 | 2,575,482.350900 |
| 52 - 53 | 56.53 | 01°26'43"SE | 53 | 625,793.136000 | 2,575,425.835900 |
| 53 - 54 | 46.77 | 01°34'58"SE | 54 | 625,794.428000 | 2,575,379.084900 |
| 54 - 55 | 66.04 | 01°49'14"SE | 55 | 625,796.526000 | 2,575,313.081900 |
| 55 - 56 | 37.63 | 02°17'59"SE | 56 | 625,798.036000 | 2,575,275.484900 |
| 56 - 57 | 38.77 | 01°40'28"SE | 57 | 625,799.169000 | 2,575,236.731900 |
| 57 - 58 | 39.13 | 00°11'25"SW | 58 | 625,799.039000 | 2,575,197.605900 |
| 58 - 59 | 40.21 | 00°14'42"SE | 59 | 625,799.211000 | 2,575,157.399900 |
| 59 - 60 | 47.70 | 00°06'37"SW | 60 | 625,799.119000 | 2,575,109.702900 |
| 60 - 61 | 39.89 | 01°24'38"SE | 61 | 625,800.101000 | 2,575,069.822900 |
| 61 - 62 | 55.00 | 01°37'20"SE | 62 | 625,801.658000 | 2,575,014.847900 |
| 62 - 63 | 37.46 | 01°16'05"SE | 63 | 625,802.487000 | 2,574,977.401900 |
| 63 - 64 | 44.24 | 04°00'09"SE | 64 | 625,805.575000 | 2,574,933.271900 |
| 64 - 65 | 54.87 | 00°09'16"SE | 65 | 625,805.723000 | 2,574,878.403900 |
| 65 - 66 | 47.20 | 00°59'56"SE | 66 | 625,806.546000 | 2,574,831.211900 |
| 66 - 67 | 55.03 | 03°18'22"SE | 67 | 625,809.720000 | 2,574,776.269900 |
| 67 - 68 | 46.05 | 00°59'52"SE | 68 | 625,810.522000 | 2,574,730.222900 |
| 68 - 69 | 67.42 | 03°39'12"SE | 69 | 625,814.818000 | 2,574,662.943900 |
| 69 - 70 | 45.41 | 03°36'45"SE | 70 | 625,817.679000 | 2,574,617.627900 |
| 70 - 71 | 62.03 | 00°19'53"SE | 71 | 625,818.038000 | 2,574,555.602900 |
| 71 - 72 | 52.75 | 00°25'44"SE | 72 | 625,818.433000 | 2,574,502.856900 |
| 72 - 73 | 68.52 | 01°20'02"SE | 73 | 625,820.028000 | 2,574,434.357900 |
| 73 - 74 | 38.82 | 06°09'08"SE | 74 | 625,824.188000 | 2,574,395.764900 |
| 74 - 75 | 48.08 | 01°59'08"SE | 75 | 625,825.854000 | 2,574,347.712900 |
| 75 - 76 | 44.00 | 08°48'36"SW | 76 | 625,819.115000 | 2,574,304.232900 |
| 76 - 77 | 31.58 | 24°22'13"SW | 77 | 625,806.084000 | 2,574,275.466900 |
| 77 - 78 | 30.85 | 72°49'44"SW | 78 | 625,776.611000 | 2,574,266.359900 |
| 78 - 79 | 28.16 | 90°00'00"NW | 79 | 625,748.449000 | 2,574,266.359900 |
| 79 - 80 | 56.13 | 60°15'52"NW | 80 | 625,699.707000 | 2,574,294.201900 |
| 80 - 81 | 43.72 | 34°23'25"NW | 81 | 625,675.010000 | 2,574,330.283900 |
| 81 - 82 | 61.43 | 16°46'06"NW | 82 | 625,657.287000 | 2,574,389.101900 |
| 82 - 83 | 20.00 | 73°13'52"SW | 83 | 625,638.138000 | 2,574,383.331900 |
| 83 - 84 | 73.38 | 31°12'50"NW | 84 | 625,600.107500 | 2,574,446.092800 |
| 84 - 85 | 13.68 | 15°51'44"NE | 85 | 625,603.845500 | 2,574,459.247900 |
| 85 - 86 | 20.18 | 86°43'45"NE | 86 | 625,623.988800 | 2,574,460.399000 |
| 86 - 87 | 59.66 | 86°11'09"SE | 87 | 625,683.520100 | 2,574,456.430200 |



|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
| 87 - 88   | 19.08  | 56°18'35"NE | 88  | 625,699.395200 | 2,574,467.013600 |
| 88 - 89   | 42.70  | 16°11'20"NE | 89  | 625,711.301400 | 2,574,508.024100 |
| 89 - 90   | 178.69 | 07°13'48"NE | 90  | 625,733.791100 | 2,574,685.295300 |
| 90 - 91   | 42.04  | 24°08'44"NW | 91  | 625,716.593100 | 2,574,723.659900 |
| 91 - 92   | 66.95  | 37°46'32"NW | 92  | 625,675.582600 | 2,574,776.576700 |
| 92 - 93   | 7.32   | 45°35'25"NW | 93  | 625,670.356600 | 2,574,781.696100 |
| 93 - 94   | 45.69  | 09°53'27"NW | 94  | 625,662.508600 | 2,574,826.705100 |
| 94 - 95   | 65.96  | 02°13'19"NW | 95  | 625,659.951300 | 2,574,892.610600 |
| 95 - 96   | 68.42  | 20°10'38"NE | 96  | 625,683.551700 | 2,574,956.832700 |
| 96 - 97   | 31.61  | 48°47'15"NE | 97  | 625,707.332700 | 2,574,977.660400 |
| 97 - 98   | 34.05  | 06°12'56"NW | 98  | 625,703.645700 | 2,575,011.513100 |
| 98 - 99   | 52.30  | 35°30'48"NW | 99  | 625,673.266200 | 2,575,054.082200 |
| 99 - 100  | 71.90  | 22°26'43"NE | 100 | 625,700.718100 | 2,575,120.535700 |
| 100 - 101 | 60.06  | 07°35'40"NE | 101 | 625,708.655600 | 2,575,180.067100 |
| 101 - 102 | 71.55  | 03°10'47"NE | 102 | 625,712.624400 | 2,575,251.504700 |
| 102 - 103 | 42.35  | 14°28'13"NW | 103 | 625,702.041000 | 2,575,292.515200 |
| 103 - 104 | 8.57   | 51°50'34"NW | 104 | 625,695.305200 | 2,575,297.807600 |
| 104 - 105 | 38.54  | 51°50'33"NW | 105 | 625,664.999300 | 2,575,321.619500 |
| 105 - 106 | 108.33 | 28°26'34"NW | 106 | 625,613.405400 | 2,575,416.869600 |
| 106 - 107 | 23.52  | 05°13'49"NW | 107 | 625,611.261600 | 2,575,440.287700 |
| 107 - 108 | 89.94  | 08°08'07"NE | 108 | 625,623.988800 | 2,575,529.317800 |
| 108 - 109 | 57.44  | 14°40'34"NW | 109 | 625,609.436700 | 2,575,584.880400 |
| 109 - 110 | 88.64  | 00°00'00"NE | 110 | 625,609.436700 | 2,575,673.516000 |
| 110 - 111 | 101.76 | 15°50'35"NW | 111 | 625,581.655300 | 2,575,771.412000 |
| 111 - 112 | 88.72  | 02°33'49"NW | 112 | 625,577.686600 | 2,575,860.047600 |
| 112 - 113 | 144.25 | 01°34'35"NE | 113 | 625,581.655300 | 2,576,004.245800 |
| 113 - 114 | 148.26 | 34°49'28"NE | 114 | 625,666.322200 | 2,576,125.954400 |
| 114 - 115 | 33.19  | 85°02'46"NE | 115 | 625,699.389900 | 2,576,128.820600 |
| 115 - 116 | 521.03 | 00°46'57"NW | 116 | 625,692.272000 | 2,576,649.803800 |
| 116 - 117 | 47.97  | 16°26'21"NW | 117 | 625,678.695100 | 2,576,695.817400 |
| 117 - 118 | 132.43 | 33°33'11"NW | 118 | 625,605.497900 | 2,576,806.183700 |
| 118 - 119 | 19.30  | 26°29'51"NW | 119 | 625,596.885500 | 2,576,823.459200 |
| 119 - 120 | 106.25 | 36°16'09"NW | 120 | 625,534.030300 | 2,576,909.122600 |
| 120 - 121 | 242.72 | 02°30'17"NE | 121 | 625,544.638700 | 2,577,151.612500 |
| 121 - 122 | 123.85 | 13°35'27"NE | 122 | 625,573.742900 | 2,577,271.998200 |
| 122 - 123 | 53.53  | 60°09'03"NE | 123 | 625,620.174700 | 2,577,298.642700 |
| 123 - 124 | 53.47  | 43°59'22"NE | 124 | 625,657.309100 | 2,577,337.110500 |
| 124 - 125 | 81.52  | 20°19'22"NE | 125 | 625,685.620500 | 2,577,413.552000 |
| 125 - 126 | 95.75  | 20°02'13"NW | 126 | 625,652.812100 | 2,577,503.510500 |
| 126 - 127 | 47.24  | 07°35'27"NE | 127 | 625,659.052000 | 2,577,550.332000 |
| 127 - 128 | 20.00  | 71°03'52"SE | 128 | 625,677.970000 | 2,577,543.841900 |
| 128 - 129 | 16.56  | 18°55'57"NE | 129 | 625,683.344000 | 2,577,559.508900 |
| 129 - 1   | 3.82   | 71°34'28"NE | 1   |                |                  |

**Zona de Amortiguamiento 4**  
(Superficie 1-01-05.74 hectáreas)

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 625,770.934700  | 2,574,238.991200 |
| 1 - 2  | 103.47                | 82°41'45"SE | 2           | 625,873.569100  | 2,574,225.836300 |
|        |                       |             | 3           | 625,873.758100  | 2,574,117.828200 |
| 3 - 4  | 41.70                 | 72°43'26"NW | 4           | 625,833.940000  | 2,574,130.211900 |
| 4 - 5  | 39.02                 | 70°51'24"NW | 5           | 625,797.077000  | 2,574,143.007900 |
| 5 - 6  | 32.54                 | 65°08'59"NW | 6           | 625,767.552100  | 2,574,156.681700 |
| 6 - 1  | 82.38                 | 02°21'11"NE | 1           |                 |                  |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 108.05 metros hasta llegar al vértice 3.

**Zona de Amortiguamiento 5**  
**(Superficie 65-06-57.09 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 625,711.149000  | 2,574,159.311900 |
| 1 - 2   | 30.75                 | 67°36'14"SE | 2           | 625,739.580000  | 2,574,147.595900 |
| 2 - 3   | 55.10                 | 65°08'59"SE | 3           | 625,789.577000  | 2,574,124.440900 |
| 3 - 4   | 32.10                 | 70°51'22"SE | 4           | 625,819.905000  | 2,574,113.912900 |
| 4 - 5   | 23.17                 | 27°40'52"SE | 5           | 625,830.667000  | 2,574,093.397900 |
| 5 - 6   | 30.75                 | 07°19'07"SE | 6           | 625,834.584000  | 2,574,062.899900 |
| 6 - 7   | 47.75                 | 07°02'19"SE | 7           | 625,840.435000  | 2,574,015.511900 |
| 7 - 8   | 39.41                 | 02°30'24"SE | 8           | 625,842.159000  | 2,573,976.134900 |
| 8 - 9   | 52.90                 | 00°01'21"SE | 9           | 625,842.180000  | 2,573,923.239900 |
| 9 - 10  | 42.24                 | 00°26'51"SW | 10          | 625,841.850000  | 2,573,881.004900 |
| 10 - 11 | 53.27                 | 02°22'20"SE | 11          | 625,844.055000  | 2,573,827.778900 |
| 11 - 12 | 65.82                 | 01°53'40"SE | 12          | 625,846.231000  | 2,573,761.993900 |
| 12 - 13 | 34.04                 | 02°45'30"SE | 13          | 625,847.869000  | 2,573,727.997900 |
| 13 - 14 | 57.59                 | 00°39'16"SE | 14          | 625,848.527000  | 2,573,670.415900 |
| 14 - 15 | 34.68                 | 00°23'29"SE | 15          | 625,848.764000  | 2,573,635.734900 |
| 15 - 16 | 45.67                 | 00°11'40"SE | 16          | 625,848.919000  | 2,573,590.063900 |
| 16 - 17 | 56.08                 | 00°48'14"SE | 17          | 625,849.706000  | 2,573,533.989900 |
| 17 - 18 | 34.94                 | 01°34'46"SW | 18          | 625,848.743000  | 2,573,499.065900 |
| 18 - 19 | 49.15                 | 00°08'11"SW | 19          | 625,848.626000  | 2,573,449.919900 |
| 19 - 20 | 49.31                 | 01°10'08"SE | 20          | 625,849.632000  | 2,573,400.621900 |
| 20 - 21 | 48.36                 | 01°10'31"SE | 21          | 625,850.624000  | 2,573,352.271900 |
| 21 - 22 | 57.02                 | 00°34'54"SE | 22          | 625,851.203000  | 2,573,295.254900 |
| 22 - 23 | 54.70                 | 00°23'03"SW | 23          | 625,850.836000  | 2,573,240.554900 |
| 23 - 24 | 64.52                 | 00°04'18"SW | 24          | 625,850.755000  | 2,573,176.035900 |
| 24 - 25 | 54.83                 | 00°21'22"SE | 25          | 625,851.096000  | 2,573,121.211900 |
| 25 - 26 | 57.88                 | 00°05'17"SE | 26          | 625,851.185000  | 2,573,063.330900 |
| 26 - 27 | 89.75                 | 00°08'07"SE | 27          | 625,851.397000  | 2,572,973.579900 |
| 27 - 28 | 58.76                 | 00°24'09"SE | 28          | 625,851.810000  | 2,572,914.816900 |
| 28 - 29 | 70.52                 | 01°06'35"SW | 29          | 625,850.444000  | 2,572,844.307900 |
| 29 - 30 | 35.50                 | 00°30'53"SW | 30          | 625,850.125000  | 2,572,808.804900 |
| 30 - 31 | 57.71                 | 00°09'46"SE | 31          | 625,850.289000  | 2,572,751.091900 |
| 31 - 32 | 45.27                 | 00°33'47"SE | 32          | 625,850.734000  | 2,572,705.823900 |
| 32 - 33 | 33.95                 | 01°02'10"SE | 33          | 625,851.348000  | 2,572,671.882900 |
| 33 - 34 | 56.46                 | 01°42'03"SE | 34          | 625,853.024000  | 2,572,615.448900 |
| 34 - 35 | 34.60                 | 01°27'14"SE | 35          | 625,853.902000  | 2,572,580.859900 |
| 35 - 36 | 35.85                 | 00°19'28"SW | 36          | 625,853.699000  | 2,572,545.013900 |
| 36 - 37 | 35.33                 | 02°49'22"SE | 37          | 625,855.439000  | 2,572,509.727900 |
| 37 - 38 | 34.44                 | 02°07'17"SE | 38          | 625,856.714000  | 2,572,475.308900 |
| 38 - 39 | 45.09                 | 00°39'25"SE | 39          | 625,857.231000  | 2,572,430.225900 |
| 39 - 40 | 45.44                 | 00°25'25"SW | 40          | 625,856.895000  | 2,572,384.790900 |
| 40 - 41 | 45.65                 | 00°00'49"SE | 41          | 625,856.906000  | 2,572,339.138900 |
| 41 - 42 | 43.42                 | 02°23'15"SE | 42          | 625,858.715000  | 2,572,295.755900 |
| 42 - 43 | 43.81                 | 00°52'25"SW | 43          | 625,858.047000  | 2,572,251.949900 |
| 43 - 44 | 56.33                 | 00°01'16"SW | 44          | 625,858.026000  | 2,572,195.620900 |
| 44 - 45 | 43.63                 | 01°14'14"SE | 45          | 625,858.968000  | 2,572,152.004900 |
| 45 - 46 | 54.91                 | 01°43'57"SE | 46          | 625,860.628000  | 2,572,097.123900 |
| 46 - 47 | 43.19                 | 00°59'28"SE | 47          | 625,861.375000  | 2,572,053.944900 |
| 47 - 48 | 44.11                 | 00°31'34"SE | 48          | 625,861.780000  | 2,572,009.840900 |
| 48 - 49 | 34.47                 | 00°58'50"SW | 49          | 625,861.190000  | 2,571,975.377900 |
| 49 - 50 | 35.24                 | 00°34'37"SE | 50          | 625,861.545000  | 2,571,940.135900 |
| 50 - 51 | 58.65                 | 00°59'15"SE | 51          | 625,862.556000  | 2,571,881.493900 |
| 51 - 52 | 59.90                 | 01°19'12"SE | 52          | 625,863.936000  | 2,571,821.607900 |
| 52 - 53 | 47.78                 | 00°28'38"SE | 53          | 625,864.334000  | 2,571,773.831900 |
| 53 - 54 | 57.05                 | 00°30'22"SW | 54          | 625,863.830000  | 2,571,716.779900 |
| 54 - 55 | 41.76                 | 00°44'51"SW | 55          | 625,863.285000  | 2,571,675.020900 |
| 55 - 56 | 57.53                 | 02°54'12"SE | 56          | 625,866.199000  | 2,571,617.568900 |

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
| 56 - 57   | 42.10  | 01°45'02"SW | 57  | 625,864.913000 | 2,571,575.491900 |
| 57 - 58   | 42.75  | 00°55'48"SE | 58  | 625,865.607000 | 2,571,532.745900 |
| 58 - 59   | 40.41  | 01°26'36"SE | 59  | 625,866.625000 | 2,571,492.347900 |
| 59 - 60   | 38.80  | 01°49'53"SE | 60  | 625,867.865000 | 2,571,453.568900 |
| 60 - 61   | 46.43  | 03°00'58"SE | 61  | 625,870.308000 | 2,571,407.203900 |
| 61 - 62   | 45.11  | 02°10'52"SE | 62  | 625,872.025000 | 2,571,362.122900 |
| 62 - 63   | 54.69  | 01°18'04"SE | 63  | 625,873.267000 | 2,571,307.446900 |
| 63 - 64   | 47.12  | 01°40'15"SE | 64  | 625,874.641000 | 2,571,260.344900 |
| 64 - 65   | 56.03  | 02°25'23"SE | 65  | 625,877.010000 | 2,571,204.363900 |
| 65 - 66   | 36.25  | 00°28'09"SE | 66  | 625,877.307000 | 2,571,168.110900 |
| 66 - 67   | 54.66  | 02°43'49"SE | 67  | 625,879.911000 | 2,571,113.508900 |
| 67 - 68   | 46.49  | 02°00'25"SE | 68  | 625,881.539000 | 2,571,067.050900 |
| 68 - 69   | 27.74  | 03°03'36"SE | 69  | 625,883.020000 | 2,571,039.348900 |
| 69 - 70   | 44.56  | 03°48'04"SE | 70  | 625,885.974000 | 2,570,994.889900 |
| 70 - 71   | 35.38  | 03°34'17"SE | 71  | 625,888.178000 | 2,570,959.577900 |
| 71 - 72   | 40.28  | 03°27'50"SE | 72  | 625,890.612000 | 2,570,919.367900 |
| 72 - 73   | 31.55  | 03°10'40"SE | 73  | 625,892.361000 | 2,570,887.866900 |
| 73 - 74   | 43.32  | 02°52'35"SE | 74  | 625,894.535000 | 2,570,844.600900 |
| 74 - 75   | 50.94  | 02°25'25"SE | 75  | 625,896.689000 | 2,570,793.709900 |
| 75 - 76   | 31.03  | 02°15'25"SE | 76  | 625,897.911000 | 2,570,762.704900 |
| 76 - 77   | 43.03  | 00°39'56"SE | 77  | 625,898.411000 | 2,570,719.679900 |
| 77 - 78   | 33.17  | 02°16'37"SE | 78  | 625,899.729000 | 2,570,686.533900 |
| 78 - 79   | 44.71  | 02°21'40"SE | 79  | 625,901.571000 | 2,570,641.861900 |
| 79 - 80   | 44.24  | 02°19'26"SE | 80  | 625,903.365000 | 2,570,597.654900 |
| 80 - 81   | 21.67  | 02°05'10"SE | 81  | 625,904.154000 | 2,570,575.996900 |
| 81 - 82   | 31.54  | 02°25'46"SE | 82  | 625,905.491000 | 2,570,544.484900 |
| 82 - 83   | 39.99  | 02°40'12"SE | 83  | 625,907.354000 | 2,570,504.537900 |
| 83 - 84   | 36.59  | 02°12'07"SE | 84  | 625,908.760000 | 2,570,467.974900 |
| 84 - 85   | 35.25  | 05°53'19"SE | 85  | 625,912.377000 | 2,570,432.906900 |
| 85 - 86   | 26.95  | 03°40'57"SE | 86  | 625,914.108000 | 2,570,406.011900 |
| 86 - 87   | 35.81  | 03°14'20"SE | 87  | 625,916.131000 | 2,570,370.263900 |
| 87 - 88   | 34.35  | 02°36'11"SE | 88  | 625,917.691000 | 2,570,335.953900 |
| 88 - 89   | 34.45  | 01°48'35"SE | 89  | 625,918.779000 | 2,570,301.522900 |
| 89 - 90   | 40.71  | 04°21'40"SE | 90  | 625,921.875000 | 2,570,260.928900 |
| 90 - 91   | 38.98  | 01°42'08"SE | 91  | 625,923.033000 | 2,570,221.966900 |
| 91 - 92   | 34.16  | 03°23'53"SE | 92  | 625,925.058000 | 2,570,187.862900 |
| 92 - 93   | 25.11  | 02°16'23"SE | 93  | 625,926.054000 | 2,570,162.772900 |
| 93 - 94   | 46.82  | 04°03'39"SE | 94  | 625,929.370000 | 2,570,116.065900 |
| 94 - 95   | 48.99  | 04°09'36"SE | 95  | 625,932.924000 | 2,570,067.204900 |
| 95 - 96   | 53.19  | 03°47'49"SE | 96  | 625,936.446000 | 2,570,014.135900 |
| 96 - 97   | 54.23  | 03°50'47"SE | 97  | 625,940.084000 | 2,569,960.028900 |
| 97 - 98   | 53.80  | 03°21'50"SE | 98  | 625,943.241000 | 2,569,906.320900 |
| 98 - 99   | 75.22  | 09°53'21"SE | 99  | 625,956.160000 | 2,569,832.215900 |
| 99 - 100  | 60.73  | 02°49'50"SE | 100 | 625,959.159000 | 2,569,771.561900 |
| 100 - 101 | 72.05  | 00°32'15"SE | 101 | 625,959.835000 | 2,569,699.517900 |
| 101 - 102 | 57.82  | 01°52'59"SW | 102 | 625,957.935000 | 2,569,641.729900 |
| 102 - 103 | 44.85  | 06°40'09"SW | 103 | 625,952.726000 | 2,569,597.181900 |
| 103 - 104 | 35.50  | 48°35'12"SW | 104 | 625,926.101000 | 2,569,573.697900 |
| 104 - 105 | 13.22  | 69°16'54"SW | 105 | 625,913.733000 | 2,569,569.019900 |
| 105 - 106 | 12.05  | 55°57'51"NW | 106 | 625,903.751000 | 2,569,575.761900 |
| 106 - 107 | 14.46  | 10°43'00"NW | 107 | 625,901.063000 | 2,569,589.964900 |
| 107 - 108 | 47.49  | 07°01'53"NE | 108 | 625,906.877000 | 2,569,637.100900 |
| 108 - 109 | 20.00  | 82°58'10"NW | 109 | 625,887.027000 | 2,569,639.548900 |
| 109 - 110 | 50.62  | 07°01'52"SW | 110 | 625,880.831000 | 2,569,589.313900 |
| 110 - 111 | 25.91  | 10°43'03"SE | 111 | 625,885.649900 | 2,569,563.853300 |
| 111 - 112 | 133.95 | 46°19'09"NW | 112 | 625,788.774900 | 2,569,656.367000 |
| 112 - 113 | 51.76  | 46°19'08"NW | 113 | 625,751.343000 | 2,569,692.113800 |
| 113 - 114 | 42.82  | 46°19'09"NW | 114 | 625,720.372600 | 2,569,721.689800 |
| 114 - 115 | 19.42  | 75°37'06"NE | 115 | 625,739.184600 | 2,569,726.513400 |
| 115 - 116 | 51.59  | 67°22'48"NE | 116 | 625,786.809700 | 2,569,746.357200 |
| 116 - 117 | 54.92  | 45°32'17"NE | 117 | 625,826.005800 | 2,569,784.823600 |

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
| 117 - 118 | 322.29 | 05°22'06"NE | 118 | 625,856.158500 | 2,570,105.695000 |
| 118 - 119 | 43.36  | 24°48'25"NW | 119 | 625,837.967400 | 2,570,145.051500 |
| 119 - 120 | 36.89  | 24°48'24"NW | 120 | 625,822.488400 | 2,570,178.540500 |
| 120 - 121 | 16.73  | 07°01'47"NE | 121 | 625,824.535500 | 2,570,195.141200 |
| 121 - 122 | 106.41 | 07°01'47"NE | 122 | 625,837.558500 | 2,570,300.748900 |
| 122 - 123 | 310.34 | 03°42'53"NW | 123 | 625,817.451700 | 2,570,610.435500 |
| 123 - 124 | 120.79 | 03°42'53"NW | 124 | 625,809.625500 | 2,570,730.974700 |
| 124 - 125 | 69.98  | 32°16'32"NW | 125 | 625,772.257600 | 2,570,790.140600 |
| 125 - 126 | 113.25 | 37°24'19"NW | 126 | 625,703.465800 | 2,570,880.099100 |
| 126 - 127 | 66.60  | 25°36'48"NW | 127 | 625,674.674800 | 2,570,940.154400 |
| 127 - 128 | 5.61   | 42°19'17"NW | 128 | 625,670.896200 | 2,570,944.303900 |
| 128 - 129 | 47.93  | 15°45'34"NE | 129 | 625,683.913800 | 2,570,990.431400 |
| 129 - 130 | 91.77  | 72°56'04"NE | 130 | 625,771.645800 | 2,571,017.363200 |
| 130 - 131 | 65.72  | 10°55'03"NE | 131 | 625,784.092900 | 2,571,081.892500 |
| 131 - 132 | 157.74 | 03°39'19"NW | 132 | 625,774.035800 | 2,571,239.311800 |
| 132 - 133 | 17.95  | 23°11'55"NW | 133 | 625,766.965900 | 2,571,255.808100 |
| 133 - 134 | 43.09  | 17°52'43"NW | 134 | 625,753.736700 | 2,571,296.818600 |
| 134 - 135 | 46.30  | 00°00'00"NE | 135 | 625,753.736700 | 2,571,343.120800 |
| 135 - 136 | 30.52  | 22°53'28"NE | 136 | 625,765.607600 | 2,571,371.235000 |
| 136 - 137 | 26.70  | 03°39'19"NW | 137 | 625,763.905400 | 2,571,397.879600 |
| 137 - 138 | 140.69 | 03°39'19"NW | 138 | 625,754.935400 | 2,571,538.282600 |
| 138 - 139 | 103.64 | 23°06'58"NW | 139 | 625,714.245700 | 2,571,633.602800 |
| 139 - 140 | 45.47  | 47°02'02"NW | 140 | 625,680.976200 | 2,571,664.590200 |
| 140 - 141 | 194.26 | 15°16'58"NW | 141 | 625,629.772600 | 2,571,851.978900 |
| 141 - 142 | 96.08  | 04°58'21"NW | 142 | 625,621.444800 | 2,571,947.694900 |
| 142 - 143 | 124.80 | 04°51'52"NE | 143 | 625,632.028200 | 2,572,072.049400 |
| 143 - 144 | 154.90 | 27°05'03"NE | 144 | 625,702.555900 | 2,572,209.965200 |
| 144 - 145 | 72.91  | 80°21'17"NE | 145 | 625,774.432200 | 2,572,222.180500 |
| 145 - 146 | 45.01  | 08°12'55"NE | 146 | 625,780.863600 | 2,572,266.726100 |
| 146 - 147 | 58.77  | 07°59'16"NW | 147 | 625,772.697100 | 2,572,324.923700 |
| 147 - 148 | 44.46  | 07°59'16"NW | 148 | 625,766.518500 | 2,572,368.954400 |
| 148 - 149 | 58.31  | 58°06'53"NW | 149 | 625,717.003200 | 2,572,399.757000 |
| 149 - 150 | 182.71 | 07°06'37"NE | 150 | 625,739.618900 | 2,572,581.059100 |
| 150 - 151 | 82.70  | 43°15'41"NW | 151 | 625,682.942400 | 2,572,641.283900 |
| 151 - 152 | 96.07  | 05°46'08"NE | 152 | 625,692.599200 | 2,572,736.866400 |
| 152 - 153 | 139.32 | 10°39'58"NW | 153 | 625,666.813200 | 2,572,873.776200 |
| 153 - 154 | 97.48  | 29°26'40"NE | 154 | 625,714.731000 | 2,572,958.662300 |
| 154 - 155 | 94.26  | 10°48'49"NE | 155 | 625,732.416100 | 2,573,051.250000 |
| 155 - 156 | 207.30 | 20°25'34"NW | 156 | 625,660.068900 | 2,573,245.513100 |
| 156 - 157 | 80.03  | 20°25'34"NW | 157 | 625,632.139100 | 2,573,320.509000 |
| 157 - 158 | 117.40 | 02°41'14"NW | 158 | 625,626.634600 | 2,573,437.782300 |
| 158 - 159 | 62.57  | 20°00'55"NE | 159 | 625,648.051000 | 2,573,496.574100 |
| 159 - 160 | 80.19  | 39°48'51"NE | 160 | 625,699.395200 | 2,573,558.168000 |
| 160 - 161 | 84.10  | 19°17'24"NE | 161 | 625,727.176500 | 2,573,637.543200 |
| 161 - 162 | 72.60  | 07°43'18"NW | 162 | 625,717.422200 | 2,573,709.480700 |
| 162 - 163 | 48.86  | 13°33'13"NE | 163 | 625,728.872200 | 2,573,756.976700 |
| 163 - 164 | 4.25   | 82°08'51"NE | 164 | 625,733.087200 | 2,573,757.558000 |
| 164 - 165 | 22.08  | 82°08'47"NE | 165 | 625,754.957800 | 2,573,760.574700 |
| 165 - 166 | 56.89  | 02°23'09"NW | 166 | 625,752.589500 | 2,573,817.412400 |
| 166 - 167 | 25.47  | 02°23'09"NW | 167 | 625,751.529300 | 2,573,842.857100 |
| 167 - 168 | 12.98  | 02°23'09"NW | 168 | 625,750.989000 | 2,573,855.824900 |
| 168 - 169 | 186.81 | 43°00'50"NW | 169 | 625,623.548100 | 2,573,992.421300 |
| 169 - 170 | 77.41  | 03°26'54"NW | 170 | 625,618.891800 | 2,574,069.689200 |
| 170 - 171 | 20.00  | 79°12'54"SE | 171 | 625,638.538000 | 2,574,065.946900 |
| 171 - 172 | 40.82  | 10°47'11"NE | 172 | 625,646.178000 | 2,574,106.048900 |
| 172 - 173 | 26.26  | 16°10'26"NE | 173 | 625,653.493000 | 2,574,131.269900 |
| 173 - 174 | 11.67  | 33°32'10"NE | 174 | 625,659.942000 | 2,574,140.999900 |
| 174 - 175 | 9.94   | 81°29'41"SE | 175 | 625,669.772000 | 2,574,139.529900 |
| 175 - 176 | 26.03  | 51°32'29"NE | 176 | 625,690.156000 | 2,574,155.719900 |
| 176 - 1   | 21.30  | 80°17'25"NE | 1   |                |                  |

**Zona de Amortiguamiento 6**  
**(Superficie 00-65-16.40 hectáreas)**

| Est-PV                                                                                                                                                                     | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                            |                       |             |             | X               | Y                |
|                                                                                                                                                                            |                       |             | 1           | 625,905.803500  | 2,569,550.240800 |
| 1 - 2                                                                                                                                                                      | 6.42                  | 55°57'41"SE | 2           | 625,911.121000  | 2,569,546.648900 |
| 2 - 3                                                                                                                                                                      | 100.60                | 89°10'26"NE | 3           | 626,011.713200  | 2,569,548.099100 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 62.22 metros hasta llegar al vértice 4. |                       |             |             |                 |                  |
|                                                                                                                                                                            |                       |             | 4           | 626,015.167700  | 2,569,485.973000 |
| 4 - 5                                                                                                                                                                      | 98.91                 | 89°23'19"SW | 5           | 625,916.260000  | 2,569,484.917900 |
| 5 - 6                                                                                                                                                                      | 5.46                  | 72°56'49"SW | 6           | 625,911.043200  | 2,569,483.317700 |
| 6 - 7                                                                                                                                                                      | 64.00                 | 04°28'36"NW | 7           | 625,906.047600  | 2,569,547.122700 |
| 7 - 1                                                                                                                                                                      | 3.13                  | 04°28'34"NW | 1           |                 |                  |

**Zona de Amortiguamiento 7**  
**(Superficie 33-14-13.59 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 625,917.959000  | 2,569,464.519900 |
| 1 - 2   | 13.36                 | 82°28'04"SE | 2           | 625,931.202000  | 2,569,462.768900 |
| 2 - 3   | 25.98                 | 66°01'39"SE | 3           | 625,954.942000  | 2,569,452.212900 |
| 3 - 4   | 29.47                 | 45°04'51"SE | 4           | 625,975.811000  | 2,569,431.402900 |
| 4 - 5   | 20.03                 | 13°56'20"SE | 5           | 625,980.636000  | 2,569,411.962900 |
| 5 - 6   | 44.69                 | 03°05'51"SE | 6           | 625,983.051000  | 2,569,367.337900 |
| 6 - 7   | 57.32                 | 01°04'28"SE | 7           | 625,984.126000  | 2,569,310.032900 |
| 7 - 8   | 46.60                 | 00°55'15"SE | 8           | 625,984.875000  | 2,569,263.437900 |
| 8 - 9   | 46.40                 | 02°50'58"SE | 9           | 625,987.182000  | 2,569,217.091900 |
| 9 - 10  | 45.50                 | 01°45'11"SE | 10          | 625,988.574000  | 2,569,171.617900 |
| 10 - 11 | 58.63                 | 02°19'24"SE | 11          | 625,990.951000  | 2,569,113.036900 |
| 11 - 12 | 65.49                 | 02°43'49"SE | 12          | 625,994.071000  | 2,569,047.617900 |
| 12 - 13 | 56.31                 | 01°39'34"SE | 13          | 625,995.702000  | 2,568,991.328900 |
| 13 - 14 | 49.28                 | 01°56'31"SE | 14          | 625,997.372000  | 2,568,942.081900 |
| 14 - 15 | 60.48                 | 00°41'09"SE | 15          | 625,998.096000  | 2,568,881.607900 |
| 15 - 16 | 59.03                 | 01°09'32"SE | 16          | 625,999.290000  | 2,568,822.586900 |
| 16 - 17 | 44.95                 | 01°01'34"SE | 17          | 626,000.095000  | 2,568,777.646900 |
| 17 - 18 | 67.18                 | 00°14'56"SW | 18          | 625,999.803000  | 2,568,710.463900 |
| 18 - 19 | 57.73                 | 02°06'20"SE | 19          | 626,001.924000  | 2,568,652.775900 |
| 19 - 20 | 34.63                 | 03°45'01"SE | 20          | 626,004.189000  | 2,568,618.221900 |
| 20 - 21 | 43.43                 | 00°40'46"SE | 21          | 626,004.704000  | 2,568,574.797900 |
| 21 - 22 | 23.52                 | 02°58'39"SE | 22          | 626,005.926000  | 2,568,551.305900 |
| 22 - 23 | 44.95                 | 00°48'33"SE | 23          | 626,006.561000  | 2,568,506.357900 |
| 23 - 24 | 33.05                 | 02°56'49"SW | 24          | 626,004.862000  | 2,568,473.355900 |
| 24 - 25 | 33.16                 | 00°13'53"SW | 25          | 626,004.728000  | 2,568,440.191900 |
| 25 - 26 | 42.23                 | 01°22'09"SE | 26          | 626,005.737000  | 2,568,397.977900 |
| 26 - 27 | 31.72                 | 06°06'41"SE | 27          | 626,009.114000  | 2,568,366.437900 |
| 27 - 28 | 22.45                 | 03°50'40"SE | 28          | 626,010.619000  | 2,568,344.041900 |
| 28 - 29 | 36.89                 | 02°22'59"SE | 29          | 626,012.153000  | 2,568,307.183900 |
| 29 - 30 | 37.67                 | 02°25'15"SE | 30          | 626,013.744000  | 2,568,269.550900 |
| 30 - 31 | 49.64                 | 03°00'46"SE | 31          | 626,016.353000  | 2,568,219.982900 |
| 31 - 32 | 25.20                 | 03°45'31"SE | 32          | 626,018.005000  | 2,568,194.836900 |
| 32 - 33 | 36.41                 | 07°13'43"SE | 33          | 626,022.586000  | 2,568,158.719900 |
| 33 - 34 | 23.71                 | 04°43'14"SE | 34          | 626,024.537000  | 2,568,135.093900 |

|         |        |             |    |                |                  |
|---------|--------|-------------|----|----------------|------------------|
| 34 - 35 | 47.92  | 04°48'30"SE | 35 | 626,028.554000 | 2,568,087.340900 |
| 35 - 36 | 34.41  | 07°05'44"SE | 36 | 626,032.805000 | 2,568,053.190900 |
| 36 - 37 | 33.95  | 05°00'47"SE | 37 | 626,035.772000 | 2,568,019.367900 |
| 37 - 38 | 34.20  | 04°28'49"SE | 38 | 626,038.444000 | 2,567,985.268900 |
| 38 - 39 | 44.76  | 06°13'17"SE | 39 | 626,043.295000 | 2,567,940.770900 |
| 39 - 40 | 45.86  | 06°18'58"SE | 40 | 626,048.340000 | 2,567,895.192900 |
| 40 - 41 | 35.08  | 03°55'06"SE | 41 | 626,050.737000 | 2,567,860.198900 |
| 41 - 42 | 47.21  | 04°33'47"SE | 42 | 626,054.493000 | 2,567,813.138900 |
| 42 - 43 | 46.18  | 02°52'55"SE | 43 | 626,056.815000 | 2,567,767.017900 |
| 43 - 44 | 45.15  | 05°45'09"SE | 44 | 626,061.341000 | 2,567,722.090900 |
| 44 - 45 | 54.70  | 05°25'27"SE | 45 | 626,066.512000 | 2,567,667.633900 |
| 45 - 46 | 30.83  | 05°04'17"SE | 46 | 626,069.237000 | 2,567,636.928900 |
| 46 - 47 | 40.23  | 01°00'50"SW | 47 | 626,068.525000 | 2,567,596.704900 |
| 47 - 48 | 39.07  | 00°38'48"SE | 48 | 626,068.966000 | 2,567,557.636900 |
| 48 - 49 | 37.54  | 03°23'24"SW | 49 | 626,066.746000 | 2,567,520.161900 |
| 49 - 50 | 36.44  | 00°36'47"SE | 50 | 626,067.136000 | 2,567,483.720900 |
| 50 - 51 | 36.41  | 02°32'32"SE | 51 | 626,068.751000 | 2,567,447.348900 |
| 51 - 52 | 27.62  | 01°09'05"SE | 52 | 626,069.306000 | 2,567,419.735900 |
| 52 - 53 | 38.06  | 03°00'54"SE | 53 | 626,071.308000 | 2,567,381.728900 |
| 53 - 54 | 50.04  | 05°49'52"SE | 54 | 626,076.392000 | 2,567,331.946900 |
| 54 - 55 | 47.42  | 01°51'13"SE | 55 | 626,077.926000 | 2,567,284.553900 |
| 55 - 56 | 27.86  | 04°26'42"SE | 56 | 626,080.085000 | 2,567,256.780900 |
| 56 - 57 | 40.96  | 03°38'15"SE | 57 | 626,082.684000 | 2,567,215.898900 |
| 57 - 58 | 39.39  | 03°38'13"SW | 58 | 626,080.185000 | 2,567,176.584900 |
| 58 - 59 | 50.68  | 04°56'06"SE | 59 | 626,084.545000 | 2,567,126.092900 |
| 59 - 60 | 28.77  | 00°08'29"SW | 60 | 626,084.474000 | 2,567,097.325900 |
| 60 - 61 | 30.73  | 02°01'04"SE | 61 | 626,085.556000 | 2,567,066.617900 |
| 61 - 62 | 38.49  | 04°27'23"SE | 62 | 626,088.547000 | 2,567,028.241900 |
| 62 - 63 | 36.15  | 01°00'57"SE | 63 | 626,089.188000 | 2,566,992.098900 |
| 63 - 64 | 56.72  | 02°37'44"SE | 64 | 626,091.790000 | 2,566,935.434900 |
| 64 - 65 | 29.24  | 00°48'12"SE | 65 | 626,092.200000 | 2,566,906.194900 |
| 65 - 66 | 39.68  | 00°30'55"SE | 66 | 626,092.557000 | 2,566,866.514900 |
| 66 - 67 | 38.05  | 03°43'52"SE | 67 | 626,095.033000 | 2,566,828.546900 |
| 67 - 68 | 28.45  | 03°53'46"SE | 68 | 626,096.966000 | 2,566,800.164900 |
| 68 - 69 | 51.02  | 04°17'45"SE | 69 | 626,100.788000 | 2,566,749.284900 |
| 69 - 70 | 55.74  | 02°26'49"SE | 70 | 626,103.168000 | 2,566,693.594900 |
| 70 - 71 | 46.59  | 02°53'06"SE | 71 | 626,105.513000 | 2,566,647.065900 |
| 71 - 72 | 46.19  | 03°55'36"SE | 72 | 626,108.676000 | 2,566,600.985900 |
| 72 - 73 | 33.80  | 01°54'44"SE | 73 | 626,109.804000 | 2,566,567.202900 |
| 73 - 74 | 56.38  | 01°03'03"SE | 74 | 626,110.838000 | 2,566,510.832900 |
| 74 - 75 | 67.94  | 01°48'51"SE | 75 | 626,112.989000 | 2,566,442.930900 |
| 75 - 76 | 54.87  | 03°02'35"SE | 76 | 626,115.902000 | 2,566,388.138900 |
| 76 - 77 | 62.60  | 01°28'42"SE | 77 | 626,117.517000 | 2,566,325.563900 |
| 77 - 78 | 27.85  | 01°05'17"SW | 78 | 626,116.988000 | 2,566,297.714500 |
| 78 - 79 | 1.22   | 89°32'34"SW | 79 | 626,115.772400 | 2,566,297.704800 |
| 79 - 80 | 25.13  | 89°33'35"SW | 80 | 626,090.640600 | 2,566,297.511700 |
| 80 - 81 | 52.38  | 04°09'26"NW | 81 | 626,086.843200 | 2,566,349.753300 |
| 81 - 82 | 21.70  | 57°58'25"NW | 82 | 626,068.447500 | 2,566,361.259900 |
| 82 - 83 | 117.61 | 57°58'26"NW | 83 | 625,968.734000 | 2,566,423.630500 |
| 83 - 84 | 178.18 | 00°39'26"NW | 84 | 625,966.689700 | 2,566,601.796000 |
| 84 - 85 | 7.68   | 00°39'27"NW | 85 | 625,966.601500 | 2,566,609.480100 |
| 85 - 86 | 198.08 | 49°31'51"NW | 86 | 625,815.914000 | 2,566,738.038700 |
| 86 - 87 | 59.77  | 27°41'58"NW | 87 | 625,788.132600 | 2,566,790.955500 |
| 87 - 88 | 115.28 | 03°17'21"NE | 88 | 625,794.747200 | 2,566,906.049400 |
| 88 - 89 | 7.82   | 78°41'22"NE | 89 | 625,802.415900 | 2,566,907.583200 |

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
| 89 - 90   | 5.67   | 78°41'24"NE | 90  | 625,807.976400 | 2,566,908.695300 |
| 90 - 91   | 50.38  | 29°55'53"SE | 91  | 625,833.111900 | 2,566,865.039000 |
| 91 - 92   | 53.33  | 43°59'41"SE | 92  | 625,870.153600 | 2,566,826.674300 |
| 92 - 93   | 70.16  | 87°50'20"SE | 93  | 625,940.268400 | 2,566,824.028500 |
| 93 - 94   | 66.56  | 04°26'56"NE | 94  | 625,945.431900 | 2,566,890.391500 |
| 94 - 95   | 149.35 | 29°02'14"NE | 95  | 626,017.925500 | 2,567,020.973000 |
| 95 - 96   | 42.61  | 04°05'31"NE | 96  | 626,020.966400 | 2,567,063.476800 |
| 96 - 97   | 17.01  | 57°05'40"NW | 97  | 626,006.686000 | 2,567,072.717100 |
| 97 - 98   | 9.78   | 57°05'39"NW | 98  | 625,998.476800 | 2,567,078.029000 |
| 98 - 99   | 42.35  | 14°28'12"NW | 99  | 625,987.893500 | 2,567,119.039500 |
| 99 - 100  | 63.31  | 10°50'25"NW | 100 | 625,975.987200 | 2,567,181.216700 |
| 100 - 101 | 77.35  | 21°04'56"NE | 101 | 626,003.812700 | 2,567,253.393800 |
| 101 - 102 | 26.35  | 58°23'32"NE | 102 | 626,026.258100 | 2,567,267.206400 |
| 102 - 103 | 82.53  | 05°58'29"NE | 103 | 626,034.849000 | 2,567,349.288100 |
| 103 - 104 | 119.76 | 10°25'14"NW | 104 | 626,013.186900 | 2,567,467.075300 |
| 104 - 105 | 53.55  | 02°53'54"NW | 105 | 626,010.479200 | 2,567,520.553500 |
| 105 - 106 | 93.61  | 01°29'44"NW | 106 | 626,008.035900 | 2,567,614.130000 |
| 106 - 107 | 62.19  | 13°14'57"NE | 107 | 626,022.289400 | 2,567,674.665600 |
| 107 - 108 | 43.98  | 15°42'31"NW | 108 | 626,010.383100 | 2,567,716.999000 |
| 108 - 109 | 63.18  | 06°03'48"NW | 109 | 626,003.709800 | 2,567,779.820900 |
| 109 - 110 | 50.96  | 70°36'08"SW | 110 | 625,955.647200 | 2,567,762.897500 |
| 110 - 111 | 55.32  | 13°18'24"SW | 111 | 625,942.914200 | 2,567,709.061500 |
| 111 - 112 | 49.16  | 23°48'21"SW | 112 | 625,923.070400 | 2,567,664.082200 |
| 112 - 113 | 22.03  | 48°30'12"SW | 113 | 625,906.567400 | 2,567,649.483400 |
| 113 - 114 | 3.84   | 48°30'12"SW | 114 | 625,903.688300 | 2,567,646.936500 |
| 114 - 115 | 20.05  | 48°30'13"SW | 115 | 625,888.674500 | 2,567,633.655100 |
| 115 - 116 | 78.33  | 85°09'21"SW | 116 | 625,810.622300 | 2,567,627.040500 |
| 116 - 117 | 22.61  | 69°26'38"NW | 117 | 625,789.455600 | 2,567,634.978000 |
| 117 - 118 | 61.61  | 14°55'53"NW | 118 | 625,773.580500 | 2,567,694.509400 |
| 118 - 119 | 169.80 | 16°34'43"NE | 119 | 625,822.029900 | 2,567,857.249600 |
| 119 - 120 | 1.16   | 16°34'45"NE | 120 | 625,822.361800 | 2,567,858.364400 |
| 120 - 121 | 9.86   | 16°34'43"NE | 121 | 625,825.174400 | 2,567,867.811800 |
| 121 - 122 | 39.18  | 78°18'38"NE | 122 | 625,863.539000 | 2,567,875.749300 |
| 122 - 123 | 25.52  | 90°00'00"NE | 123 | 625,889.063000 | 2,567,875.749300 |
| 123 - 124 | 26.07  | 90°00'00"NE | 124 | 625,915.132900 | 2,567,875.749300 |
| 124 - 125 | 37.86  | 65°23'25"NE | 125 | 625,949.554700 | 2,567,891.515800 |
| 125 - 126 | 235.74 | 07°16'08"NE | 126 | 625,979.382300 | 2,568,125.363900 |
| 126 - 127 | 241.26 | 06°09'32"NW | 127 | 625,953.497600 | 2,568,365.229500 |
| 127 - 128 | 84.67  | 00°00'00"NE | 128 | 625,953.497600 | 2,568,449.896300 |
| 128 - 129 | 67.07  | 09°08'56"NE | 129 | 625,964.162800 | 2,568,516.117500 |
| 129 - 130 | 336.46 | 03°03'55"NW | 130 | 625,946.170000 | 2,568,852.091400 |
| 130 - 131 | 293.20 | 16°38'09"NW | 131 | 625,862.229700 | 2,569,133.020900 |
| 131 - 132 | 71.81  | 45°45'50"NW | 132 | 625,810.782400 | 2,569,183.114300 |
| 132 - 133 | 138.22 | 20°40'08"NE | 133 | 625,859.570300 | 2,569,312.439700 |
| 133 - 134 | 22.64  | 25°01'00"NW | 134 | 625,849.997100 | 2,569,332.953700 |
| 134 - 135 | 21.16  | 25°01'00"NW | 135 | 625,841.049400 | 2,569,352.127300 |
| 135 - 136 | 56.89  | 28°24'19"NE | 136 | 625,868.110400 | 2,569,402.164500 |
| 136 - 137 | 36.00  | 28°24'18"NE | 137 | 625,885.237500 | 2,569,433.833600 |
| 137 - 138 | 1.22   | 13°00'49"SW | 138 | 625,884.963000 | 2,569,432.645900 |
| 138 - 139 | 43.05  | 01°08'45"SW | 139 | 625,884.102000 | 2,569,389.608900 |
| 139 - 140 | 20.00  | 88°51'14"SE | 140 | 625,904.098000 | 2,569,389.208900 |
| 140 - 141 | 40.97  | 01°08'43"NE | 141 | 625,904.917000 | 2,569,430.166900 |
| 141 - 142 | 27.45  | 13°00'58"NE | 142 | 625,911.100000 | 2,569,456.913900 |
| 142 - 143 | 6.64   | 20°34'09"NE | 143 | 625,913.433000 | 2,569,463.130900 |
| 143 - 1   | 4.73   | 72°56'20"NE | 1   |                |                  |

**Zona de Amortiguamiento 8**  
**(Superficie 30-75-19.59 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 626,118.119500  | 2,566,241.053800 |
| 1 - 2   | 18.70                 | 03°07'28"SE | 2           | 626,119.139000  | 2,566,222.376900 |
| 2 - 3   | 57.16                 | 03°18'42"SE | 3           | 626,122.441000  | 2,566,165.315900 |
| 3 - 4   | 40.04                 | 01°08'57"SE | 4           | 626,123.244000  | 2,566,125.286900 |
| 4 - 5   | 40.68                 | 01°06'46"SE | 5           | 626,124.034000  | 2,566,084.618900 |
| 5 - 6   | 32.15                 | 03°19'44"SE | 6           | 626,125.901000  | 2,566,052.520900 |
| 6 - 7   | 43.28                 | 01°21'34"SE | 7           | 626,126.928000  | 2,566,009.249900 |
| 7 - 8   | 42.84                 | 00°45'15"SE | 8           | 626,127.492000  | 2,565,966.417900 |
| 8 - 9   | 42.16                 | 00°58'08"SE | 9           | 626,128.205000  | 2,565,924.268900 |
| 9 - 10  | 29.91                 | 01°03'40"SE | 10          | 626,128.759000  | 2,565,894.359900 |
| 10 - 11 | 27.56                 | 00°25'11"SE | 11          | 626,128.961000  | 2,565,866.797900 |
| 11 - 12 | 35.74                 | 02°04'07"SW | 12          | 626,127.671000  | 2,565,831.085900 |
| 12 - 13 | 41.08                 | 00°40'40"SE | 13          | 626,128.157000  | 2,565,790.006900 |
| 13 - 14 | 68.08                 | 02°17'26"SE | 14          | 626,130.878000  | 2,565,721.981900 |
| 14 - 15 | 45.28                 | 02°55'22"SE | 15          | 626,133.187000  | 2,565,676.757900 |
| 15 - 16 | 66.02                 | 02°20'09"SE | 16          | 626,135.878000  | 2,565,610.789900 |
| 16 - 17 | 54.97                 | 04°30'53"SE | 17          | 626,140.205000  | 2,565,555.991900 |
| 17 - 18 | 45.58                 | 02°50'55"SE | 18          | 626,142.470000  | 2,565,510.472900 |
| 18 - 19 | 58.17                 | 02°52'14"SE | 19          | 626,145.383000  | 2,565,452.379900 |
| 19 - 20 | 58.10                 | 04°07'13"SE | 20          | 626,149.558000  | 2,565,394.425900 |
| 20 - 21 | 58.62                 | 02°19'25"SE | 21          | 626,151.935000  | 2,565,335.849900 |
| 21 - 22 | 48.30                 | 02°50'36"SE | 22          | 626,154.331000  | 2,565,287.610900 |
| 22 - 23 | 55.40                 | 03°55'20"SE | 23          | 626,158.121000  | 2,565,232.335900 |
| 23 - 24 | 66.75                 | 01°48'32"SE | 24          | 626,160.228000  | 2,565,165.621900 |
| 24 - 25 | 39.73                 | 01°41'15"SE | 25          | 626,161.398000  | 2,565,125.909900 |
| 25 - 26 | 51.62                 | 00°02'27"SW | 26          | 626,161.361000  | 2,565,074.290900 |
| 26 - 27 | 49.46                 | 00°31'29"SE | 27          | 626,161.814000  | 2,565,024.833900 |
| 27 - 28 | 45.89                 | 01°00'05"SE | 28          | 626,162.616000  | 2,564,978.951900 |
| 28 - 29 | 53.60                 | 01°13'11"SE | 29          | 626,163.757000  | 2,564,925.367900 |
| 29 - 30 | 49.27                 | 01°19'58"SE | 30          | 626,164.903000  | 2,564,876.111900 |
| 30 - 31 | 57.40                 | 01°45'25"SE | 31          | 626,166.663000  | 2,564,818.735900 |
| 31 - 32 | 59.30                 | 02°34'42"SE | 32          | 626,169.331000  | 2,564,759.493900 |
| 32 - 33 | 48.08                 | 01°47'03"SE | 33          | 626,170.828000  | 2,564,711.436900 |
| 33 - 34 | 45.19                 | 00°31'47"SE | 34          | 626,171.246000  | 2,564,666.248900 |
| 34 - 35 | 57.75                 | 01°16'26"SW | 35          | 626,169.962000  | 2,564,608.511900 |
| 35 - 36 | 61.58                 | 01°16'43"SE | 36          | 626,171.336000  | 2,564,546.951900 |
| 36 - 37 | 50.92                 | 02°32'34"SE | 37          | 626,173.595000  | 2,564,496.086900 |
| 37 - 38 | 45.57                 | 04°09'22"SE | 38          | 626,176.898000  | 2,564,450.633900 |
| 38 - 39 | 43.81                 | 02°33'40"SW | 39          | 626,174.940000  | 2,564,406.863900 |
| 39 - 40 | 37.96                 | 20°25'38"SW | 40          | 626,161.692000  | 2,564,371.292900 |
| 40 - 41 | 14.69                 | 43°24'20"SW | 41          | 626,151.598000  | 2,564,360.620900 |
| 41 - 42 | 11.17                 | 79°33'53"NW | 42          | 626,140.608000  | 2,564,362.644900 |
| 42 - 43 | 21.70                 | 80°11'03"NW | 43          | 626,119.228000  | 2,564,366.343900 |
| 43 - 44 | 21.66                 | 01°47'29"NW | 44          | 626,118.551000  | 2,564,387.988900 |
| 44 - 45 | 35.94                 | 10°18'31"NE | 45          | 626,124.983000  | 2,564,423.350900 |
| 45 - 46 | 20.00                 | 79°41'28"NW | 46          | 626,105.306000  | 2,564,426.929900 |
| 46 - 47 | 38.06                 | 10°18'29"SW | 47          | 626,098.495000  | 2,564,389.481900 |
| 47 - 48 | 21.07                 | 01°47'25"SE | 48          | 626,099.153200  | 2,564,368.424500 |
| 48 - 49 | 28.58                 | 63°52'08"NW | 49          | 626,073.495600  | 2,564,381.011300 |
| 49 - 50 | 12.09                 | 20°55'07"NW | 50          | 626,069.178700  | 2,564,392.305000 |
| 50 - 51 | 84.05                 | 20°55'07"NW | 51          | 626,039.170300  | 2,564,470.812400 |
| 51 - 52 | 157.54                | 63°25'35"NW | 52          | 625,898.275500  | 2,564,541.285400 |
| 52 - 53 | 81.60                 | 10°31'44"NE | 53          | 625,913.185900  | 2,564,621.507200 |
| 53 - 54 | 13.84                 | 00°23'38"NW | 54          | 625,913.090700  | 2,564,635.350100 |
| 54 - 55 | 57.33                 | 07°38'17"NW | 55          | 625,905.470900  | 2,564,692.168100 |



|         |        |             |    |                |                  |
|---------|--------|-------------|----|----------------|------------------|
| 55 - 56 | 69.99  | 43°19'53"NE | 56 | 625,953.497600 | 2,564,743.076400 |
| 56 - 57 | 91.78  | 74°57'43"NE | 57 | 626,042.133200 | 2,564,766.888900 |
| 57 - 58 | 44.76  | 18°58'13"NE | 58 | 626,056.685300 | 2,564,809.222300 |
| 58 - 59 | 40.47  | 78°41'23"NW | 59 | 626,016.997700 | 2,564,817.159900 |
| 59 - 60 | 25.45  | 08°58'21"NE | 60 | 626,020.966400 | 2,564,842.295300 |
| 60 - 61 | 66.79  | 82°01'49"SE | 61 | 626,087.112400 | 2,564,833.034900 |
| 61 - 62 | 31.81  | 16°55'38"NE | 62 | 626,096.372800 | 2,564,863.462000 |
| 62 - 63 | 38.46  | 40°48'53"NW | 63 | 626,071.237400 | 2,564,892.566300 |
| 63 - 64 | 28.06  | 81°52'11"SW | 64 | 626,043.456100 | 2,564,888.597500 |
| 64 - 65 | 46.30  | 53°07'48"NW | 65 | 626,006.414300 | 2,564,916.378800 |
| 65 - 66 | 17.20  | 00°00'00"NE | 66 | 626,006.414300 | 2,564,933.576800 |
| 66 - 67 | 83.04  | 59°20'57"NE | 67 | 626,077.852000 | 2,564,975.910200 |
| 67 - 68 | 187.06 | 14°19'51"NW | 68 | 626,031.549800 | 2,565,157.150100 |
| 68 - 69 | 41.52  | 67°31'13"NW | 69 | 625,993.185100 | 2,565,173.025200 |
| 69 - 70 | 88.44  | 34°38'27"SW | 70 | 625,942.914200 | 2,565,100.264600 |
| 70 - 71 | 131.40 | 89°30'06"SW | 71 | 625,811.517300 | 2,565,099.122000 |
| 71 - 72 | 119.79 | 33°24'13"NW | 72 | 625,745.568000 | 2,565,199.124700 |
| 72 - 73 | 32.88  | 20°33'21"NE | 73 | 625,757.114300 | 2,565,229.914800 |
| 73 - 74 | 97.01  | 76°43'24"SE | 74 | 625,851.530900 | 2,565,207.636700 |
| 74 - 75 | 47.37  | 06°19'37"NE | 75 | 625,856.751000 | 2,565,254.716200 |
| 75 - 76 | 98.81  | 59°02'57"NE | 76 | 625,941.489400 | 2,565,305.532800 |
| 76 - 77 | 35.05  | 07°09'51"NE | 77 | 625,945.860600 | 2,565,340.308300 |
| 77 - 78 | 318.08 | 07°09'51"NE | 78 | 625,985.530300 | 2,565,655.902900 |
| 78 - 79 | 123.08 | 18°57'04"NW | 79 | 625,945.560000 | 2,565,772.307600 |
| 79 - 80 | 53.33  | 07°07'30"NE | 80 | 625,952.174600 | 2,565,825.224400 |
| 80 - 81 | 79.38  | 36°52'11"NE | 81 | 625,999.799700 | 2,565,888.724500 |
| 81 - 82 | 66.36  | 04°34'26"NE | 82 | 626,005.091400 | 2,565,954.870500 |
| 82 - 83 | 50.75  | 30°12'56"NE | 83 | 626,030.630900 | 2,565,998.724000 |
| 83 - 84 | 54.01  | 75°23'02"NE | 84 | 626,082.890300 | 2,566,012.352200 |
| 84 - 85 | 228.69 | 01°23'29"NE | 85 | 626,088.444000 | 2,566,240.979400 |
| 85 - 1  | 29.68  | 89°51'22"NE | 1  |                |                  |

**Zona de Amortiguamiento 9**  
**(Superficie 00-85-58.56 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 626,116.413700  | 2,564,346.491600 |
| 1 - 2   | 42.91                 | 79°55'23"SE | 2           | 626,158.661000  | 2,564,338.983900 |
| 2 - 3   | 79.27                 | 89°55'04"NE | 3           | 626,237.930400  | 2,564,339.097500 |
|         |                       |             | 4           | 626,240.683000  | 2,564,268.971600 |
| 4 - 5   | 65.71                 | 84°32'45"NW | 5           | 626,175.274000  | 2,564,275.216900 |
| 5 - 6   | 29.57                 | 58°18'03"NW | 6           | 626,150.118000  | 2,564,290.752900 |
| 6 - 7   | 34.25                 | 57°10'34"NW | 7           | 626,121.334000  | 2,564,309.319900 |
| 7 - 8   | 28.26                 | 84°07'04"NW | 8           | 626,093.224000  | 2,564,312.215900 |
| 8 - 9   | 12.26                 | 59°44'58"SW | 9           | 626,082.634000  | 2,564,306.039900 |
| 9 - 10  | 18.74                 | 26°48'30"SW | 10          | 626,074.184000  | 2,564,289.317900 |
| 10 - 11 | 21.60                 | 16°42'26"SW | 11          | 626,067.975000  | 2,564,268.631900 |
| 11 - 12 | 26.41                 | 19°31'43"SW | 12          | 626,059.147500  | 2,564,243.743600 |
| 12 - 13 | 66.56                 | 06°08'05"NE | 13          | 626,066.261000  | 2,564,309.924400 |
| 13 - 14 | 26.69                 | 09°26'40"NE | 14          | 626,070.641400  | 2,564,336.256900 |
| 14 - 15 | 47.37                 | 71°33'54"SE | 15          | 626,115.581300  | 2,564,321.276900 |
| 15 - 1  | 25.23                 | 01°53'26"NE | 1           |                 |                  |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 70.18 metros hasta llegar al vértice 4.

**Zona de Amortiguamiento 10**  
**(Superficie 1,373-90-26.81 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 626,097.767000  | 2,564,291.641900 |
| 1 - 2   | 16.84                 | 84°07'02"SE | 2           | 626,114.519000  | 2,564,289.915900 |
| 2 - 3   | 29.66                 | 57°10'36"SE | 3           | 626,139.442000  | 2,564,273.839900 |
| 3 - 4   | 28.53                 | 58°18'02"SE | 4           | 626,163.720000  | 2,564,258.845900 |
| 4 - 5   | 16.70                 | 17°39'57"SW | 5           | 626,158.653100  | 2,564,242.936500 |
| 5 - 6   | 51.85                 | 63°05'54"SW | 6           | 626,112.415500  | 2,564,219.477200 |
| 6 - 7   | 43.42                 | 41°41'49"SE | 7           | 626,141.300600  | 2,564,187.053800 |
| 7 - 8   | 72.84                 | 18°55'07"SE | 8           | 626,164.916600  | 2,564,118.151100 |
| 8 - 9   | 27.38                 | 89°36'49"SE | 9           | 626,192.300800  | 2,564,117.966500 |
| 9 - 10  | 5.10                  | 00°12'00"SW | 10          | 626,192.283000  | 2,564,112.869900 |
| 10 - 11 | 28.43                 | 00°02'54"SW | 11          | 626,192.259000  | 2,564,084.435900 |
| 11 - 12 | 39.63                 | 01°25'32"SE | 12          | 626,193.245000  | 2,564,044.814900 |
| 12 - 13 | 40.94                 | 02°45'18"SE | 13          | 626,195.213000  | 2,564,003.918900 |
| 13 - 14 | 50.55                 | 02°13'44"SE | 14          | 626,197.179000  | 2,563,953.411900 |
| 14 - 15 | 39.99                 | 01°19'47"SE | 15          | 626,198.107000  | 2,563,913.434900 |
| 15 - 16 | 40.97                 | 03°08'27"SE | 16          | 626,200.352000  | 2,563,872.524900 |
| 16 - 17 | 34.94                 | 07°47'27"SE | 17          | 626,205.089000  | 2,563,837.903900 |
| 17 - 18 | 19.93                 | 00°46'23"SE | 18          | 626,205.358000  | 2,563,817.974900 |
| 18 - 19 | 42.53                 | 02°32'15"SE | 19          | 626,207.241000  | 2,563,775.486900 |
| 19 - 20 | 42.94                 | 03°59'55"SE | 20          | 626,210.235000  | 2,563,732.655900 |
| 20 - 21 | 42.26                 | 02°45'07"SE | 21          | 626,212.264000  | 2,563,690.445900 |
| 21 - 22 | 39.83                 | 02°42'56"SE | 22          | 626,214.151000  | 2,563,650.663900 |
| 22 - 23 | 35.04                 | 02°09'49"SE | 23          | 626,215.474000  | 2,563,615.649900 |
| 23 - 24 | 33.50                 | 02°38'42"SE | 24          | 626,217.020000  | 2,563,582.185900 |
| 24 - 25 | 29.87                 | 00°26'07"SE | 25          | 626,217.247000  | 2,563,552.314900 |
| 25 - 26 | 38.25                 | 01°57'55"SE | 26          | 626,218.559000  | 2,563,514.084900 |
| 26 - 27 | 25.24                 | 01°56'13"SE | 27          | 626,219.412000  | 2,563,488.863900 |
| 27 - 28 | 33.65                 | 00°58'56"SW | 28          | 626,218.835000  | 2,563,455.216900 |
| 28 - 29 | 28.71                 | 01°50'40"SE | 29          | 626,219.759000  | 2,563,426.525900 |
| 29 - 30 | 30.40                 | 00°23'24"SW | 30          | 626,219.552000  | 2,563,396.129900 |
| 30 - 31 | 30.61                 | 01°35'55"SE | 31          | 626,220.406000  | 2,563,365.532900 |
| 31 - 32 | 29.21                 | 01°27'42"SE | 32          | 626,221.151000  | 2,563,336.336900 |
| 32 - 33 | 31.11                 | 00°34'41"SE | 33          | 626,221.465000  | 2,563,305.225900 |
| 33 - 34 | 43.03                 | 00°24'31"SW | 34          | 626,221.158000  | 2,563,262.201900 |
| 34 - 35 | 32.96                 | 00°05'56"SE | 35          | 626,221.215000  | 2,563,229.244900 |
| 35 - 36 | 33.03                 | 00°29'08"SE | 36          | 626,221.495000  | 2,563,196.211900 |
| 36 - 37 | 43.04                 | 01°06'51"SE | 37          | 626,222.332000  | 2,563,153.177900 |
| 37 - 38 | 43.53                 | 00°23'41"SE | 38          | 626,222.632000  | 2,563,109.649900 |
| 38 - 39 | 43.25                 | 02°12'12"SE | 39          | 626,224.295000  | 2,563,066.428900 |
| 39 - 40 | 30.88                 | 02°45'21"SE | 40          | 626,225.780000  | 2,563,035.580900 |
| 40 - 41 | 29.29                 | 01°56'06"SE | 41          | 626,226.769000  | 2,563,006.310900 |
| 41 - 42 | 38.69                 | 00°58'07"SE | 42          | 626,227.423000  | 2,562,967.628900 |
| 42 - 43 | 31.78                 | 02°58'08"SE | 43          | 626,229.069000  | 2,562,935.892900 |
| 43 - 44 | 33.91                 | 03°13'31"SE | 44          | 626,230.977000  | 2,562,902.034900 |
| 44 - 45 | 34.47                 | 02°39'14"SE | 45          | 626,232.573000  | 2,562,867.604900 |
| 45 - 46 | 34.53                 | 04°19'18"SE | 46          | 626,235.175000  | 2,562,833.173900 |
| 46 - 47 | 36.03                 | 03°29'45"SE | 47          | 626,237.372000  | 2,562,797.210900 |
| 47 - 48 | 36.17                 | 04°33'55"SE | 48          | 626,240.251000  | 2,562,761.156900 |
| 48 - 49 | 34.97                 | 04°00'57"SE | 49          | 626,242.700000  | 2,562,726.274900 |
| 49 - 50 | 45.86                 | 03°53'58"SE | 50          | 626,245.819000  | 2,562,680.518900 |
| 50 - 51 | 32.62                 | 03°07'33"SE | 51          | 626,247.598000  | 2,562,647.942900 |
| 51 - 52 | 29.24                 | 00°40'33"SW | 52          | 626,247.253000  | 2,562,618.702900 |
| 52 - 53 | 22.79                 | 03°14'23"SE | 53          | 626,248.541000  | 2,562,595.949900 |
| 53 - 54 | 32.87                 | 03°21'00"SE | 54          | 626,250.462000  | 2,562,563.133900 |
| 54 - 55 | 32.08                 | 02°54'00"SE | 55          | 626,252.085000  | 2,562,531.096900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 55 - 56   | 31.64                 | 02°21'11"SE | 56          | 626,253.384000  | 2,562,499.484900 |
| 56 - 57   | 33.27                 | 00°39'28"SE | 57          | 626,253.766000  | 2,562,466.221900 |
| 57 - 58   | 34.60                 | 02°36'20"SE | 58          | 626,255.339000  | 2,562,431.657900 |
| 58 - 59   | 45.67                 | 02°56'58"SE | 59          | 626,257.689000  | 2,562,386.050900 |
| 59 - 60   | 33.93                 | 01°59'03"SE | 60          | 626,258.864000  | 2,562,352.137900 |
| 60 - 61   | 33.60                 | 04°24'36"SE | 61          | 626,261.448000  | 2,562,318.633900 |
| 61 - 62   | 32.34                 | 04°59'49"SE | 62          | 626,264.265000  | 2,562,286.416900 |
| 62 - 63   | 31.04                 | 05°57'30"SE | 63          | 626,267.487000  | 2,562,255.545900 |
| 63 - 64   | 20.41                 | 03°34'20"SE | 64          | 626,268.759000  | 2,562,235.171900 |
| 64 - 65   | 31.41                 | 05°17'57"SE | 65          | 626,271.660000  | 2,562,203.895900 |
| 65 - 66   | 31.48                 | 03°38'39"SE | 66          | 626,273.661000  | 2,562,172.478900 |
| 66 - 67   | 42.41                 | 02°28'41"SE | 67          | 626,275.495000  | 2,562,130.104900 |
| 67 - 68   | 32.07                 | 03°57'04"SE | 68          | 626,277.705000  | 2,562,098.108900 |
| 68 - 69   | 41.50                 | 06°00'54"SE | 69          | 626,282.054000  | 2,562,056.835900 |
| 69 - 70   | 30.80                 | 06°27'44"SE | 70          | 626,285.520000  | 2,562,026.235900 |
| 70 - 71   | 30.87                 | 07°19'38"SE | 71          | 626,289.457000  | 2,561,995.618900 |
| 71 - 72   | 31.87                 | 04°21'54"SE | 72          | 626,291.883000  | 2,561,963.837900 |
| 72 - 73   | 32.06                 | 04°18'22"SE | 73          | 626,294.290000  | 2,561,931.871900 |
| 73 - 74   | 42.06                 | 03°55'23"SE | 74          | 626,297.168000  | 2,561,889.906900 |
| 74 - 75   | 30.40                 | 04°52'34"SE | 75          | 626,299.752000  | 2,561,859.618900 |
| 75 - 76   | 30.06                 | 01°45'26"SE | 76          | 626,300.674000  | 2,561,829.569900 |
| 76 - 77   | 30.47                 | 04°39'01"SE | 77          | 626,303.144000  | 2,561,799.204900 |
| 77 - 78   | 30.65                 | 05°36'09"SE | 78          | 626,306.136000  | 2,561,768.704900 |
| 78 - 79   | 30.26                 | 05°33'07"SE | 79          | 626,309.064000  | 2,561,738.583900 |
| 79 - 80   | 29.50                 | 04°32'51"SE | 80          | 626,311.403000  | 2,561,709.176900 |
| 80 - 81   | 48.85                 | 03°50'23"SE | 81          | 626,314.674000  | 2,561,660.440900 |
| 81 - 82   | 19.56                 | 05°38'56"SE | 82          | 626,316.599000  | 2,561,640.979900 |
| 82 - 83   | 39.09                 | 07°23'27"SE | 83          | 626,321.627000  | 2,561,602.218900 |
| 83 - 84   | 30.62                 | 07°30'43"SE | 84          | 626,325.630000  | 2,561,571.862900 |
| 84 - 85   | 30.37                 | 06°15'57"SE | 85          | 626,328.945000  | 2,561,541.671900 |
| 85 - 86   | 38.84                 | 07°02'28"SE | 86          | 626,333.706000  | 2,561,503.125900 |
| 86 - 87   | 29.24                 | 02°57'58"SE | 87          | 626,335.219000  | 2,561,473.925900 |
| 87 - 88   | 29.38                 | 05°32'12"SE | 88          | 626,338.054000  | 2,561,444.679900 |
| 88 - 89   | 30.34                 | 03°52'54"SE | 89          | 626,340.108000  | 2,561,414.409900 |
| 89 - 90   | 30.82                 | 06°53'57"SE | 90          | 626,343.810000  | 2,561,383.814900 |
| 90 - 91   | 42.46                 | 04°08'50"SE | 91          | 626,346.881000  | 2,561,341.461900 |
| 91 - 92   | 32.37                 | 06°38'37"SE | 92          | 626,350.626000  | 2,561,309.309900 |
| 92 - 93   | 31.12                 | 05°03'23"SE | 93          | 626,353.369000  | 2,561,278.309900 |
| 93 - 94   | 30.91                 | 02°46'26"SE | 94          | 626,354.865000  | 2,561,247.433900 |
| 94 - 95   | 52.54                 | 03°21'10"SE | 95          | 626,357.938000  | 2,561,194.982900 |
| 95 - 96   | 32.18                 | 05°09'00"SE | 96          | 626,360.827000  | 2,561,162.928900 |
| 96 - 97   | 43.45                 | 04°38'32"SE | 97          | 626,364.344000  | 2,561,119.617900 |
| 97 - 98   | 52.77                 | 03°12'55"SE | 98          | 626,367.304000  | 2,561,066.926900 |
| 98 - 99   | 30.73                 | 00°58'03"SW | 99          | 626,366.785000  | 2,561,036.199900 |
| 99 - 100  | 33.80                 | 02°39'25"SE | 100         | 626,368.352000  | 2,561,002.435900 |
| 100 - 101 | 50.27                 | 03°48'55"SE | 101         | 626,371.697000  | 2,560,952.276900 |
| 101 - 102 | 37.75                 | 01°31'31"SE | 102         | 626,372.702000  | 2,560,914.535900 |
| 102 - 103 | 40.49                 | 00°28'46"SW | 103         | 626,372.363000  | 2,560,874.047900 |
| 103 - 104 | 41.74                 | 00°14'24"SE | 104         | 626,372.538000  | 2,560,832.309900 |
| 104 - 105 | 42.38                 | 03°42'05"SE | 105         | 626,375.274000  | 2,560,790.017900 |
| 105 - 106 | 20.94                 | 05°46'04"SE | 106         | 626,377.378000  | 2,560,769.187900 |
| 106 - 107 | 41.44                 | 03°36'45"SE | 107         | 626,379.989000  | 2,560,727.832900 |
| 107 - 108 | 52.15                 | 04°00'08"SE | 108         | 626,383.629000  | 2,560,675.808900 |
| 108 - 109 | 42.99                 | 02°37'21"SE | 109         | 626,385.596000  | 2,560,632.865900 |
| 109 - 110 | 32.98                 | 04°15'44"SE | 110         | 626,388.047000  | 2,560,599.979900 |
| 110 - 111 | 32.84                 | 03°44'02"SE | 111         | 626,390.186000  | 2,560,567.204900 |
| 111 - 112 | 43.25                 | 03°55'31"SE | 112         | 626,393.147000  | 2,560,524.053900 |
| 112 - 113 | 53.42                 | 01°06'09"SE | 113         | 626,394.175000  | 2,560,470.647900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 113 - 114 | 42.71                 | 00°33'33"SW | 114         | 626,393.758000  | 2,560,427.935900 |
| 114 - 115 | 53.50                 | 00°09'03"SE | 115         | 626,393.899000  | 2,560,374.433900 |
| 115 - 116 | 31.55                 | 02°02'55"SE | 116         | 626,395.027000  | 2,560,342.902900 |
| 116 - 117 | 62.03                 | 00°34'51"SE | 117         | 626,395.656000  | 2,560,280.880900 |
| 117 - 118 | 52.04                 | 00°54'30"SW | 118         | 626,394.831000  | 2,560,228.851900 |
| 118 - 119 | 41.79                 | 02°34'56"SW | 119         | 626,392.948000  | 2,560,187.101900 |
| 119 - 120 | 42.42                 | 04°26'59"SW | 120         | 626,389.657000  | 2,560,144.812900 |
| 120 - 121 | 63.96                 | 04°01'51"SW | 121         | 626,385.161000  | 2,560,081.012900 |
| 121 - 122 | 42.57                 | 03°45'51"SW | 122         | 626,382.366000  | 2,560,038.531900 |
| 122 - 123 | 52.71                 | 01°36'44"SW | 123         | 626,380.883000  | 2,559,985.846900 |
| 123 - 124 | 40.44                 | 01°23'14"SW | 124         | 626,379.904000  | 2,559,945.419900 |
| 124 - 125 | 48.01                 | 04°29'50"SW | 125         | 626,376.139000  | 2,559,897.553900 |
| 125 - 126 | 49.91                 | 01°37'37"SW | 126         | 626,374.722000  | 2,559,847.666900 |
| 126 - 127 | 31.53                 | 07°19'15"SE | 127         | 626,378.740000  | 2,559,816.391900 |
| 127 - 128 | 37.77                 | 00°48'09"SW | 128         | 626,378.211000  | 2,559,778.626900 |
| 128 - 129 | 38.57                 | 00°04'59"SE | 129         | 626,378.267000  | 2,559,740.054900 |
| 129 - 130 | 30.30                 | 04°08'07"SW | 130         | 626,376.082000  | 2,559,709.834900 |
| 130 - 131 | 62.55                 | 00°26'16"SE | 131         | 626,376.560000  | 2,559,647.281900 |
| 131 - 132 | 54.32                 | 01°25'45"SW | 132         | 626,375.205000  | 2,559,592.978900 |
| 132 - 133 | 41.34                 | 00°15'43"SW | 133         | 626,375.016000  | 2,559,551.641900 |
| 133 - 134 | 49.92                 | 01°52'41"SW | 134         | 626,373.380000  | 2,559,501.751900 |
| 134 - 135 | 42.71                 | 02°26'51"SW | 135         | 626,371.556000  | 2,559,459.079900 |
| 135 - 136 | 17.78                 | 36°13'37"SW | 136         | 626,361.051000  | 2,559,444.740900 |
| 136 - 137 | 52.57                 | 03°11'45"SW | 137         | 626,358.120000  | 2,559,392.249900 |
| 137 - 138 | 36.03                 | 16°50'27"SE | 138         | 626,368.558000  | 2,559,357.766900 |
| 138 - 139 | 30.80                 | 05°14'36"SW | 139         | 626,365.743000  | 2,559,327.092900 |
| 139 - 140 | 60.14                 | 03°30'15"SE | 140         | 626,369.419000  | 2,559,267.064900 |
| 140 - 141 | 66.84                 | 01°39'44"SE | 141         | 626,371.358000  | 2,559,200.252900 |
| 141 - 142 | 84.28                 | 04°50'54"SE | 142         | 626,378.482000  | 2,559,116.269900 |
| 142 - 143 | 54.00                 | 04°13'44"SE | 143         | 626,382.464000  | 2,559,062.419900 |
| 143 - 144 | 42.91                 | 03°23'30"SE | 144         | 626,385.003000  | 2,559,019.580900 |
| 144 - 145 | 54.86                 | 00°59'50"SE | 145         | 626,385.958000  | 2,558,964.728900 |
| 145 - 146 | 53.95                 | 03°14'28"SE | 146         | 626,389.008000  | 2,558,910.869900 |
| 146 - 147 | 62.96                 | 02°42'32"SE | 147         | 626,391.984000  | 2,558,847.975900 |
| 147 - 148 | 65.20                 | 02°51'13"SE | 148         | 626,395.230000  | 2,558,782.855900 |
| 148 - 149 | 55.55                 | 02°54'46"SE | 149         | 626,398.053000  | 2,558,727.377900 |
| 149 - 150 | 64.25                 | 02°39'33"SE | 150         | 626,401.034000  | 2,558,663.195900 |
| 150 - 151 | 43.14                 | 04°44'11"SE | 151         | 626,404.596000  | 2,558,620.205900 |
| 151 - 152 | 63.20                 | 04°04'42"SE | 152         | 626,409.091000  | 2,558,557.164900 |
| 152 - 153 | 54.18                 | 04°59'22"SE | 153         | 626,413.803000  | 2,558,503.194900 |
| 153 - 154 | 55.95                 | 04°24'52"SE | 154         | 626,418.110000  | 2,558,447.406900 |
| 154 - 155 | 55.23                 | 04°47'45"SE | 155         | 626,422.728000  | 2,558,392.365900 |
| 155 - 156 | 43.68                 | 04°44'20"SE | 156         | 626,426.337000  | 2,558,348.831900 |
| 156 - 157 | 72.89                 | 03°49'46"SE | 157         | 626,431.205000  | 2,558,276.108900 |
| 157 - 158 | 63.17                 | 03°01'45"SE | 158         | 626,434.543000  | 2,558,213.030900 |
| 158 - 159 | 63.51                 | 03°08'40"SE | 159         | 626,438.027000  | 2,558,149.614900 |
| 159 - 160 | 74.20                 | 02°38'02"SE | 160         | 626,441.437000  | 2,558,075.488900 |
| 160 - 161 | 52.50                 | 02°51'18"SE | 161         | 626,444.052000  | 2,558,023.057900 |
| 161 - 162 | 73.26                 | 03°16'49"SE | 162         | 626,448.244000  | 2,557,949.917900 |
| 162 - 163 | 67.35                 | 03°14'15"SE | 163         | 626,452.048000  | 2,557,882.671900 |
| 163 - 164 | 64.87                 | 03°57'02"SE | 164         | 626,456.517000  | 2,557,817.959900 |
| 164 - 165 | 71.29                 | 04°20'18"SE | 165         | 626,461.910000  | 2,557,746.872900 |
| 165 - 166 | 77.52                 | 03°23'02"SE | 166         | 626,466.486000  | 2,557,669.487900 |
| 166 - 167 | 56.32                 | 03°06'52"SE | 167         | 626,469.546000  | 2,557,613.252900 |
| 167 - 168 | 44.95                 | 04°26'28"SE | 168         | 626,473.027000  | 2,557,568.435900 |
| 168 - 169 | 58.43                 | 02°26'01"SE | 169         | 626,475.508000  | 2,557,510.059900 |
| 169 - 170 | 57.78                 | 03°38'15"SE | 170         | 626,479.174000  | 2,557,452.393900 |
| 170 - 171 | 67.00                 | 03°19'20"SE | 171         | 626,483.057000  | 2,557,385.503900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 171 - 172 | 55.10                 | 04°08'23"SE | 172         | 626,487.035000  | 2,557,330.542900 |
| 172 - 173 | 64.12                 | 07°05'46"SE | 173         | 626,494.956000  | 2,557,266.914900 |
| 173 - 174 | 62.34                 | 06°46'13"SE | 174         | 626,502.306000  | 2,557,205.004900 |
| 174 - 175 | 51.89                 | 06°21'05"SE | 175         | 626,508.047000  | 2,557,153.429900 |
| 175 - 176 | 42.07                 | 05°40'35"SE | 176         | 626,512.208000  | 2,557,111.567900 |
| 176 - 177 | 41.81                 | 07°30'44"SE | 177         | 626,517.674000  | 2,557,070.118900 |
| 177 - 178 | 31.91                 | 03°41'53"SE | 178         | 626,519.732000  | 2,557,038.277900 |
| 178 - 179 | 33.12                 | 02°52'28"SE | 179         | 626,521.393000  | 2,557,005.198900 |
| 179 - 180 | 33.43                 | 02°10'24"SE | 180         | 626,522.661000  | 2,556,971.789900 |
| 180 - 181 | 42.61                 | 05°21'59"SE | 181         | 626,526.646000  | 2,556,929.367900 |
| 181 - 182 | 41.02                 | 06°06'32"SE | 182         | 626,531.012000  | 2,556,888.575900 |
| 182 - 183 | 30.38                 | 04°31'04"SE | 183         | 626,533.405000  | 2,556,858.291900 |
| 183 - 184 | 41.88                 | 01°58'03"SE | 184         | 626,534.843000  | 2,556,816.433900 |
| 184 - 185 | 30.95                 | 04°47'35"SE | 185         | 626,537.429000  | 2,556,785.593900 |
| 185 - 186 | 48.42                 | 04°34'03"SE | 186         | 626,541.285000  | 2,556,737.326900 |
| 186 - 187 | 45.72                 | 04°52'00"SE | 187         | 626,545.164000  | 2,556,691.769900 |
| 187 - 188 | 39.00                 | 04°38'46"SE | 188         | 626,548.323000  | 2,556,652.899900 |
| 188 - 189 | 39.98                 | 03°24'16"SE | 189         | 626,550.697000  | 2,556,612.993900 |
| 189 - 190 | 60.54                 | 04°59'55"SE | 190         | 626,555.972000  | 2,556,552.684900 |
| 190 - 191 | 41.22                 | 07°22'37"SE | 191         | 626,561.264000  | 2,556,511.810900 |
| 191 - 192 | 52.02                 | 08°20'25"SE | 192         | 626,568.809000  | 2,556,460.345900 |
| 192 - 193 | 61.23                 | 06°52'41"SE | 193         | 626,576.142000  | 2,556,399.554900 |
| 193 - 194 | 50.06                 | 04°16'27"SE | 194         | 626,579.873000  | 2,556,349.633900 |
| 194 - 195 | 42.69                 | 04°33'30"SE | 195         | 626,583.266000  | 2,556,307.075900 |
| 195 - 196 | 32.75                 | 05°44'20"SE | 196         | 626,586.541000  | 2,556,274.488900 |
| 196 - 197 | 43.26                 | 05°57'47"SE | 197         | 626,591.035000  | 2,556,231.465900 |
| 197 - 198 | 42.91                 | 05°30'11"SE | 198         | 626,595.150000  | 2,556,188.753900 |
| 198 - 199 | 43.69                 | 05°14'37"SE | 199         | 626,599.143000  | 2,556,145.245900 |
| 199 - 200 | 33.00                 | 03°54'35"SE | 200         | 626,601.393000  | 2,556,112.325900 |
| 200 - 201 | 44.00                 | 05°07'40"SE | 201         | 626,605.326000  | 2,556,068.497900 |
| 201 - 202 | 41.71                 | 05°52'17"SE | 202         | 626,609.593000  | 2,556,027.004900 |
| 202 - 203 | 49.68                 | 03°56'29"SE | 203         | 626,613.008000  | 2,555,977.442900 |
| 203 - 204 | 35.30                 | 00°58'14"SE | 204         | 626,613.606000  | 2,555,942.144900 |
| 204 - 205 | 41.47                 | 01°42'08"SE | 205         | 626,614.838000  | 2,555,900.691900 |
| 205 - 206 | 53.57                 | 03°09'04"SE | 206         | 626,617.783000  | 2,555,847.198900 |
| 206 - 207 | 53.68                 | 03°24'48"SE | 207         | 626,620.979000  | 2,555,793.614900 |
| 207 - 208 | 41.71                 | 00°10'03"SE | 208         | 626,621.101000  | 2,555,751.905900 |
| 208 - 209 | 41.51                 | 01°23'49"SE | 209         | 626,622.113000  | 2,555,710.412900 |
| 209 - 210 | 44.71                 | 00°31'08"SE | 210         | 626,622.518000  | 2,555,665.703900 |
| 210 - 211 | 49.00                 | 02°31'48"SE | 211         | 626,624.681000  | 2,555,616.754900 |
| 211 - 212 | 48.24                 | 00°37'33"SE | 212         | 626,625.208000  | 2,555,568.516900 |
| 212 - 213 | 50.99                 | 03°08'12"SE | 213         | 626,627.998000  | 2,555,517.605900 |
| 213 - 214 | 40.22                 | 01°37'17"SE | 214         | 626,629.136000  | 2,555,477.405900 |
| 214 - 215 | 60.47                 | 02°17'44"SE | 215         | 626,631.558000  | 2,555,416.988900 |
| 215 - 216 | 38.18                 | 01°36'48"SE | 216         | 626,632.633000  | 2,555,378.824900 |
| 216 - 217 | 54.77                 | 02°41'21"SE | 217         | 626,635.203000  | 2,555,324.113900 |
| 217 - 218 | 40.95                 | 00°54'59"SE | 218         | 626,635.858000  | 2,555,283.170900 |
| 218 - 219 | 62.84                 | 03°33'05"SE | 219         | 626,639.751000  | 2,555,220.448900 |
| 219 - 220 | 76.48                 | 01°52'18"SE | 220         | 626,642.249000  | 2,555,144.008900 |
| 220 - 221 | 44.72                 | 03°17'17"SE | 221         | 626,644.814000  | 2,555,099.362900 |
| 221 - 222 | 45.11                 | 02°40'20"SE | 222         | 626,646.917000  | 2,555,054.305900 |
| 222 - 223 | 53.90                 | 03°09'08"SE | 223         | 626,649.881000  | 2,555,000.487900 |
| 223 - 224 | 58.26                 | 02°55'12"SE | 224         | 626,652.849000  | 2,554,942.300900 |
| 224 - 225 | 49.42                 | 05°48'04"SE | 225         | 626,657.844000  | 2,554,893.135900 |
| 225 - 226 | 37.24                 | 01°17'49"SE | 226         | 626,658.687000  | 2,554,855.907900 |
| 226 - 227 | 61.93                 | 01°46'09"SE | 227         | 626,660.599000  | 2,554,794.009900 |
| 227 - 228 | 52.15                 | 02°31'40"SE | 228         | 626,662.899000  | 2,554,741.911900 |
| 228 - 229 | 62.44                 | 02°09'55"SE | 229         | 626,665.258000  | 2,554,679.519900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 229 - 230 | 50.90                 | 00°18'14"SW | 230         | 626,664.988000  | 2,554,628.618900 |
| 230 - 231 | 48.71                 | 01°13'49"SE | 231         | 626,666.034000  | 2,554,579.915900 |
| 231 - 232 | 46.36                 | 01°33'08"SE | 232         | 626,667.290000  | 2,554,533.568900 |
| 232 - 233 | 88.28                 | 01°20'16"SE | 233         | 626,669.351000  | 2,554,445.315900 |
| 233 - 234 | 58.36                 | 00°00'42"SW | 234         | 626,669.339000  | 2,554,386.955900 |
| 234 - 235 | 55.31                 | 00°00'41"SW | 235         | 626,669.328000  | 2,554,331.641900 |
| 235 - 236 | 55.46                 | 02°45'45"SE | 236         | 626,672.001000  | 2,554,276.246900 |
| 236 - 237 | 48.98                 | 03°07'54"SE | 237         | 626,674.677000  | 2,554,227.337900 |
| 237 - 238 | 48.41                 | 02°09'47"SE | 238         | 626,676.504000  | 2,554,178.966900 |
| 238 - 239 | 38.41                 | 01°53'41"SE | 239         | 626,677.774000  | 2,554,140.578900 |
| 239 - 240 | 56.27                 | 01°33'21"SE | 240         | 626,679.302000  | 2,554,084.331900 |
| 240 - 241 | 45.11                 | 02°23'50"SE | 241         | 626,681.189000  | 2,554,039.259900 |
| 241 - 242 | 63.11                 | 01°44'13"SE | 242         | 626,683.102000  | 2,553,976.178900 |
| 242 - 243 | 52.49                 | 04°23'27"SE | 243         | 626,687.121000  | 2,553,923.839900 |
| 243 - 244 | 60.03                 | 03°40'45"SE | 244         | 626,690.973000  | 2,553,863.935900 |
| 244 - 245 | 52.12                 | 03°08'11"SE | 245         | 626,693.825000  | 2,553,811.890900 |
| 245 - 246 | 50.35                 | 04°44'34"SE | 246         | 626,697.988000  | 2,553,761.714900 |
| 246 - 247 | 76.51                 | 04°31'36"SE | 247         | 626,704.027000  | 2,553,685.439900 |
| 247 - 248 | 67.97                 | 03°18'01"SE | 248         | 626,707.940000  | 2,553,617.582900 |
| 248 - 249 | 52.52                 | 05°30'03"SE | 249         | 626,712.975000  | 2,553,565.300900 |
| 249 - 250 | 75.65                 | 07°05'30"SE | 250         | 626,722.315000  | 2,553,490.225900 |
| 250 - 251 | 46.46                 | 01°07'29"SW | 251         | 626,721.403000  | 2,553,443.777900 |
| 251 - 252 | 47.80                 | 00°35'14"SE | 252         | 626,721.893000  | 2,553,395.979900 |
| 252 - 253 | 49.17                 | 04°07'47"SE | 253         | 626,725.434000  | 2,553,346.939900 |
| 253 - 254 | 65.20                 | 04°14'48"SE | 254         | 626,730.262000  | 2,553,281.922900 |
| 254 - 255 | 56.34                 | 03°47'20"SE | 255         | 626,733.985000  | 2,553,225.707900 |
| 255 - 256 | 61.33                 | 00°38'27"SW | 256         | 626,733.299000  | 2,553,164.382900 |
| 256 - 257 | 51.40                 | 02°41'10"SW | 257         | 626,730.890000  | 2,553,113.039900 |
| 257 - 258 | 75.18                 | 02°57'48"SE | 258         | 626,734.777000  | 2,553,037.956900 |
| 258 - 259 | 60.82                 | 01°38'35"SE | 259         | 626,736.521000  | 2,552,977.159900 |
| 259 - 260 | 44.07                 | 04°18'30"SE | 260         | 626,739.832000  | 2,552,933.211900 |
| 260 - 261 | 53.05                 | 02°32'50"SE | 261         | 626,742.190000  | 2,552,880.209900 |
| 261 - 262 | 61.38                 | 03°11'42"SE | 262         | 626,745.611000  | 2,552,818.929900 |
| 262 - 263 | 52.25                 | 01°33'38"SE | 263         | 626,747.034000  | 2,552,766.702900 |
| 263 - 264 | 42.45                 | 03°31'09"SE | 264         | 626,749.640000  | 2,552,724.329900 |
| 264 - 265 | 58.51                 | 02°06'49"SE | 265         | 626,751.798000  | 2,552,665.863900 |
| 265 - 266 | 36.55                 | 03°14'59"SE | 266         | 626,753.870000  | 2,552,629.373900 |
| 266 - 267 | 58.83                 | 02°40'20"SE | 267         | 626,756.613000  | 2,552,570.605900 |
| 267 - 268 | 35.72                 | 02°27'23"SE | 268         | 626,758.144000  | 2,552,534.916900 |
| 268 - 269 | 65.44                 | 04°07'41"SE | 269         | 626,762.855000  | 2,552,469.643900 |
| 269 - 270 | 46.07                 | 03°25'46"SE | 270         | 626,765.611000  | 2,552,423.654900 |
| 270 - 271 | 62.75                 | 01°07'30"SE | 271         | 626,766.843000  | 2,552,360.920900 |
| 271 - 272 | 62.63                 | 02°41'46"SE | 272         | 626,769.789000  | 2,552,298.364900 |
| 272 - 273 | 59.28                 | 02°54'44"SE | 273         | 626,772.801000  | 2,552,239.157900 |
| 273 - 274 | 57.20                 | 01°01'47"SE | 274         | 626,773.829000  | 2,552,181.971900 |
| 274 - 275 | 61.70                 | 02°59'35"SE | 275         | 626,777.051000  | 2,552,120.353900 |
| 275 - 276 | 69.82                 | 02°55'39"SE | 276         | 626,780.617000  | 2,552,050.623900 |
| 276 - 277 | 59.70                 | 01°21'43"SE | 277         | 626,782.036000  | 2,551,990.940900 |
| 277 - 278 | 58.65                 | 01°45'14"SE | 278         | 626,783.831000  | 2,551,932.322900 |
| 278 - 279 | 57.71                 | 03°06'58"SE | 279         | 626,786.968000  | 2,551,874.702900 |
| 279 - 280 | 59.10                 | 00°55'01"SE | 280         | 626,787.914000  | 2,551,815.606900 |
| 280 - 281 | 87.03                 | 01°10'38"SE | 281         | 626,789.702000  | 2,551,728.596900 |
| 281 - 282 | 75.25                 | 04°10'37"SE | 282         | 626,795.183000  | 2,551,653.547900 |
| 282 - 283 | 113.25                | 00°14'28"SW | 283         | 626,794.706000  | 2,551,540.296900 |
| 283 - 284 | 69.84                 | 00°11'01"SW | 284         | 626,794.482000  | 2,551,470.461900 |
| 284 - 285 | 59.20                 | 00°59'45"SW | 285         | 626,793.453000  | 2,551,411.267900 |
| 285 - 286 | 60.47                 | 03°44'36"SW | 286         | 626,789.505000  | 2,551,350.929900 |
| 286 - 287 | 54.15                 | 00°58'32"SW | 287         | 626,788.583000  | 2,551,296.784900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 287 - 288 | 83.80                 | 01°14'15"SW | 288         | 626,786.773000  | 2,551,213.007900 |
| 288 - 289 | 80.78                 | 00°10'56"SE | 289         | 626,787.030000  | 2,551,132.232900 |
| 289 - 290 | 94.49                 | 00°18'46"SW | 290         | 626,786.514000  | 2,551,037.741900 |
| 290 - 291 | 82.24                 | 01°18'35"SW | 291         | 626,784.634000  | 2,550,955.527900 |
| 291 - 292 | 86.26                 | 01°29'09"SE | 292         | 626,786.871000  | 2,550,869.298900 |
| 292 - 293 | 66.37                 | 00°33'24"SE | 293         | 626,787.516000  | 2,550,802.932900 |
| 293 - 294 | 80.01                 | 04°11'47"SE | 294         | 626,793.371000  | 2,550,723.136900 |
| 294 - 295 | 66.60                 | 02°37'34"SE | 295         | 626,796.423000  | 2,550,656.601900 |
| 295 - 296 | 74.45                 | 02°16'04"SE | 296         | 626,799.369000  | 2,550,582.213900 |
| 296 - 297 | 52.98                 | 03°54'24"SE | 297         | 626,802.979000  | 2,550,529.353900 |
| 297 - 298 | 32.02                 | 02°19'55"SE | 298         | 626,804.282000  | 2,550,497.357900 |
| 298 - 299 | 13.78                 | 81°58'11"NW | 299         | 626,790.637000  | 2,550,499.282900 |
| 299 - 300 | 42.23                 | 51°47'16"SW | 300         | 626,757.455000  | 2,550,473.159900 |
| 300 - 301 | 31.76                 | 67°53'03"SW | 301         | 626,728.034000  | 2,550,461.203900 |
| 301 - 302 | 47.81                 | 70°03'00"NW | 302         | 626,683.092000  | 2,550,477.516900 |
| 302 - 303 | 44.84                 | 89°27'20"NW | 303         | 626,638.259000  | 2,550,477.942900 |
| 303 - 304 | 20.00                 | 00°32'39"SW | 304         | 626,638.069000  | 2,550,457.943900 |
| 304 - 305 | 41.41                 | 89°27'17"SE | 305         | 626,679.482000  | 2,550,457.549900 |
| 305 - 306 | 52.08                 | 70°03'01"SE | 306         | 626,728.439000  | 2,550,439.779900 |
| 306 - 307 | 42.28                 | 67°53'02"NE | 307         | 626,767.604000  | 2,550,455.695900 |
| 307 - 308 | 36.52                 | 51°47'18"NE | 308         | 626,796.299000  | 2,550,478.285900 |
| 308 - 309 | 11.70                 | 81°58'18"SE | 309         | 626,807.884000  | 2,550,476.651900 |
| 309 - 310 | 19.09                 | 62°15'03"NE | 310         | 626,824.780000  | 2,550,485.540900 |
| 310 - 311 | 64.19                 | 34°22'59"NE | 311         | 626,861.029200  | 2,550,538.514800 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 7,785.45 metros hasta llegar al vértice 312.

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
|           |        |             | 312 | 626,932.431200 | 2,542,765.854200 |
| 312 - 313 | 37.96  | 89°23'45"NW | 313 | 626,894.472000 | 2,542,766.254300 |
| 313 - 314 | 269.18 | 02°55'46"SW | 314 | 626,880.714000 | 2,542,497.423500 |
| 314 - 315 | 100.71 | 03°18'48"SW | 315 | 626,874.893200 | 2,542,396.881700 |
| 315 - 316 | 274.68 | 00°59'36"SW | 316 | 626,870.130700 | 2,542,122.243600 |
| 316 - 317 | 63.51  | 00°57'17"SW | 317 | 626,869.072300 | 2,542,058.743500 |
| 317 - 318 | 185.52 | 00°52'31"SW | 318 | 626,866.237600 | 2,541,873.241700 |
| 318 - 319 | 42.16  | 88°54'39"NE | 319 | 626,908.390500 | 2,541,874.043000 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 151.89 metros hasta llegar al vértice 320.

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
|           |        |             | 320 | 626,904.297500 | 2,541,722.207200 |
| 320 - 321 | 46.57  | 86°39'57"NW | 321 | 626,857.802000 | 2,541,724.915800 |
| 321 - 322 | 515.47 | 00°43'44"SW | 322 | 626,851.243700 | 2,541,209.487200 |
| 322 - 323 | 195.78 | 00°03'43"SE | 323 | 626,851.455400 | 2,541,013.708900 |
| 323 - 324 | 178.67 | 01°41'49"SW | 324 | 626,846.163800 | 2,540,835.114800 |
| 324 - 325 | 215.64 | 00°10'32"SW | 325 | 626,845.502300 | 2,540,619.478900 |
| 325 - 326 | 77.46  | 02°26'49"SW | 326 | 626,842.195000 | 2,540,542.088200 |
| 326 - 327 | 155.45 | 00°29'15"SW | 327 | 626,840.872100 | 2,540,386.645100 |
| 327 - 328 | 122.37 | 00°18'35"SW | 328 | 626,840.210600 | 2,540,264.275100 |
| 328 - 329 | 139.83 | 03°31'32"SW | 329 | 626,831.611600 | 2,540,124.707100 |
| 329 - 330 | 189.30 | 05°12'45"SW | 330 | 626,814.413700 | 2,539,936.191100 |
| 330 - 331 | 206.08 | 05°42'38"SW | 331 | 626,793.908400 | 2,539,731.138600 |
| 331 - 332 | 182.91 | 06°01'11"SW | 332 | 626,774.726100 | 2,539,549.237200 |
| 332 - 333 | 507.96 | 07°42'28"SW | 333 | 626,706.595800 | 2,539,045.866400 |
| 333 - 334 | 510.23 | 06°06'08"SW | 334 | 626,652.356100 | 2,538,538.526900 |
| 334 - 335 | 271.81 | 06°50'53"SW | 335 | 626,619.944600 | 2,538,268.651300 |
| 335 - 336 | 88.87  | 08°07'48"SW | 336 | 626,607.376800 | 2,538,180.677200 |
| 336 - 337 | 203.14 | 04°51'23"SW | 337 | 626,590.178900 | 2,537,978.270500 |
| 337 - 338 | 297.38 | 02°55'56"SW | 338 | 626,574.965300 | 2,537,681.275100 |
| 338 - 339 | 342.18 | 01°59'38"SW | 339 | 626,563.059000 | 2,537,339.300500 |
| 339 - 340 | 106.53 | 01°25'23"SW | 340 | 626,560.413200 | 2,537,232.805500 |
| 340 - 341 | 406.97 | 01°40'35"SW | 341 | 626,548.506900 | 2,536,826.007800 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 341 - 342 | 337.36                | 00°33'42"SE | 342         | 626,551.814200  | 2,536,488.663400 |
| 342 - 343 | 158.18                | 01°55'01"SE | 343         | 626,557.105900  | 2,536,330.574500 |
| 343 - 344 | 204.78                | 03°31'06"SE | 344         | 626,569.673600  | 2,536,126.183500 |
| 344 - 345 | 71.24                 | 21°48'05"SW | 345         | 626,543.215200  | 2,536,060.037500 |
| 345 - 346 | 222.60                | 05°27'23"SW | 346         | 626,522.048500  | 2,535,838.448500 |
| 346 - 347 | 122.40                | 01°14'19"SE | 347         | 626,524.694400  | 2,535,716.078500 |
| 347 - 348 | 310.24                | 00°29'19"SW | 348         | 626,522.048500  | 2,535,405.853900 |
| 348 - 349 | 453.12                | 00°30'06"SE | 349         | 626,526.017300  | 2,534,952.754100 |
| 349 - 350 | 484.19                | 00°04'41"SE | 350         | 626,526.678700  | 2,534,468.565600 |
| 350 - 351 | 299.65                | 00°22'45"SW | 351         | 626,524.694400  | 2,534,168.924400 |
| 351 - 352 | 220.41                | 02°03'49"SE | 352         | 626,532.631900  | 2,533,948.658300 |
| 352 - 353 | 173.36                | 01°31'49"SE | 353         | 626,537.262100  | 2,533,775.355900 |
| 353 - 354 | 248.75                | 01°03'59"SW | 354         | 626,532.631900  | 2,533,526.647000 |
| 354 - 355 | 252.93                | 02°32'53"SW | 355         | 626,521.387100  | 2,533,273.969400 |
| 355 - 356 | 106.66                | 03°11'58"SE | 356         | 626,527.340200  | 2,533,167.474400 |
| 356 - 357 | 237.17                | 03°11'51"SW | 357         | 626,514.111000  | 2,532,930.671900 |
| 357 - 358 | 301.79                | 01°53'02"SE | 358         | 626,524.032900  | 2,532,629.046300 |
| 358 - 359 | 195.95                | 02°19'17"SW | 359         | 626,516.095400  | 2,532,433.254200 |
| 359 - 360 | 238.16                | 02°13'28"SW | 360         | 626,506.851100  | 2,532,195.275900 |
| 360 - 361 | 101.00                | 05°31'51"SW | 361         | 626,497.116900  | 2,532,094.750500 |
| 361 - 362 | 108.24                | 16°04'24"SW | 362         | 626,467.147400  | 2,531,990.737700 |
| 362 - 363 | 162.05                | 10°20'48"SW | 363         | 626,438.043200  | 2,531,831.325900 |
| 363 - 364 | 64.65                 | 07°03'08"SW | 364         | 626,430.105600  | 2,531,767.164400 |
| 364 - 365 | 65.30                 | 13°28'23"SW | 365         | 626,414.892100  | 2,531,703.664200 |
| 365 - 366 | 140.13                | 05°08'43"SW | 366         | 626,402.324300  | 2,531,564.096200 |
| 366 - 367 | 60.31                 | 84°02'03"SE | 367         | 626,462.303200  | 2,531,557.828400 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 10,184.81 metros hasta llegar al vértice 368.

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
|           |        |             | 368 | 624,187.878800 | 2,520,492.497300 |
| 368 - 369 | 58.83  | 68°44'58"NW | 369 | 624,133.047900 | 2,520,513.820400 |
| 369 - 370 | 593.30 | 19°24'16"SW | 370 | 623,935.933000 | 2,519,954.225500 |
| 370 - 371 | 715.61 | 21°35'06"SW | 371 | 623,672.672000 | 2,519,288.797100 |
| 371 - 372 | 535.29 | 20°05'31"SW | 372 | 623,488.786200 | 2,518,786.087800 |
| 372 - 373 | 338.17 | 20°08'10"SW | 373 | 623,372.369300 | 2,518,468.587200 |
| 373 - 374 | 436.41 | 19°28'42"SW | 374 | 623,226.848200 | 2,518,057.159200 |
| 374 - 375 | 255.15 | 15°19'59"SW | 375 | 623,159.379300 | 2,517,811.096300 |
| 375 - 376 | 139.31 | 18°15'46"SW | 376 | 623,115.723000 | 2,517,678.804300 |
| 376 - 377 | 530.63 | 21°57'38"SW | 377 | 622,917.285100 | 2,517,186.678300 |
| 377 - 378 | 398.46 | 21°37'29"SW | 378 | 622,770.441100 | 2,516,816.260900 |
| 378 - 379 | 404.62 | 22°17'18"SW | 379 | 622,616.982400 | 2,516,441.874800 |
| 379 - 380 | 291.89 | 24°21'28"SW | 380 | 622,496.596800 | 2,516,175.968000 |
| 380 - 381 | 393.44 | 26°08'03"SW | 381 | 622,323.294300 | 2,515,822.748500 |
| 381 - 382 | 348.49 | 25°53'02"SW | 382 | 622,171.158600 | 2,515,509.216700 |
| 382 - 383 | 310.42 | 23°36'55"SW | 383 | 622,046.804200 | 2,515,224.789000 |
| 383 - 384 | 786.76 | 19°57'30"SW | 384 | 621,778.251600 | 2,514,485.277100 |
| 384 - 385 | 49.42  | 69°03'29"SE | 385 | 621,824.404400 | 2,514,467.614500 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 7,116.53 metros hasta llegar al vértice 386.

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
|           |        |             | 386 | 619,452.175100 | 2,507,787.154000 |
| 386 - 387 | 48.27  | 64°20'11"NW | 387 | 619,408.664100 | 2,507,808.060200 |
| 387 - 388 | 431.45 | 28°34'36"NW | 388 | 619,202.283300 | 2,508,186.952300 |
| 388 - 389 | 2.14   | 16°39'38"NW | 389 | 619,201.671000 | 2,508,188.998300 |
| 389 - 390 | 116.42 | 16°39'40"NW | 390 | 619,168.292100 | 2,508,300.529400 |
| 390 - 391 | 59.97  | 05°26'49"NE | 391 | 619,173.984600 | 2,508,360.225400 |
| 391 - 392 | 66.21  | 14°48'38"NE | 392 | 619,190.908900 | 2,508,424.233000 |
| 392 - 393 | 341.68 | 26°45'22"NE | 393 | 619,344.732300 | 2,508,729.329600 |
| 393 - 394 | 24.56  | 24°42'54"NE | 394 | 619,355.001600 | 2,508,751.641200 |
| 394 - 395 | 86.81  | 53°07'48"NE | 395 | 619,424.450200 | 2,508,803.727700 |



| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 395 - 396 | 32.29                 | 10°26'38"N | 396         | 619,418.595900  | 2,508,835.487600 |
| 396 - 397 | 41.07                 | 14°55'52"N | 397         | 619,429.179200  | 2,508,875.175200 |
| 397 - 398 | 90.82                 | 14°44'21"N | 398         | 619,452.284900  | 2,508,963.003800 |
| 398 - 399 | 125.91                | 24°42'54"N | 399         | 619,504.928300  | 2,509,077.379600 |
| 399 - 400 | 124.21                | 07°11'01"N | 400         | 619,520.460600  | 2,509,200.613300 |
| 400 - 401 | 71.55                 | 05°02'32"N | 401         | 619,514.171700  | 2,509,271.888500 |
| 401 - 402 | 18.76                 | 05°02'33"N | 402         | 619,512.523100  | 2,509,290.571800 |
| 402 - 403 | 9.87                  | 17°35'33"N | 403         | 619,515.506700  | 2,509,299.981500 |
| 403 - 404 | 47.03                 | 17°35'32"N | 404         | 619,529.721100  | 2,509,344.811500 |
| 404 - 405 | 41.10                 | 03°41'28"N | 405         | 619,532.366900  | 2,509,385.822000 |
| 405 - 406 | 28.56                 | 13°23'33"N | 406         | 619,525.752300  | 2,509,413.603300 |
| 406 - 407 | 56.78                 | 02°10'12"N | 407         | 619,523.602400  | 2,509,470.339600 |
| 407 - 408 | 29.28                 | 02°43'14"N | 408         | 619,524.992100  | 2,509,499.583200 |
| 408 - 409 | 278.34                | 05°42'38"N | 409         | 619,497.296300  | 2,509,776.541200 |
| 409 - 410 | 39.66                 | 31°09'24"N | 410         | 619,517.814800  | 2,509,810.479100 |
| 410 - 411 | 23.14                 | 30°57'49"N | 411         | 619,529.721100  | 2,509,830.322900 |
| 411 - 412 | 17.20                 | 67°22'48"N | 412         | 619,545.596100  | 2,509,836.937500 |
| 412 - 413 | 46.45                 | 19°58'59"N | 413         | 619,561.471100  | 2,509,880.593800 |
| 413 - 414 | 49.23                 | 06°10'12"N | 414         | 619,566.762800  | 2,509,929.541900 |
| 414 - 415 | 33.70                 | 34°29'44"N | 415         | 619,585.846400  | 2,509,957.313300 |
| 415 - 416 | 195.31                | 35°37'40"N | 416         | 619,699.617400  | 2,510,116.063600 |
| 416 - 417 | 37.10                 | 68°11'54"N | 417         | 619,734.064400  | 2,510,129.842400 |
| 417 - 418 | 54.98                 | 88°03'30"S | 418         | 619,789.013300  | 2,510,127.979700 |
| 418 - 419 | 37.28                 | 62°31'31"N | 419         | 619,822.086300  | 2,510,145.177700 |
| 419 - 420 | 25.75                 | 22°25'31"N | 420         | 619,831.909400  | 2,510,168.980400 |
| 420 - 421 | 75.26                 | 10°07'28"N | 421         | 619,845.138600  | 2,510,243.063900 |
| 421 - 422 | 103.32                | 39°48'20"N | 422         | 619,911.284500  | 2,510,322.439000 |
| 422 - 423 | 95.77                 | 73°57'23"N | 423         | 620,003.326200  | 2,510,348.907300 |
| 423 - 424 | 26.26                 | 49°05'08"N | 424         | 620,023.170000  | 2,510,366.105200 |
| 424 - 425 | 32.00                 | 60°15'18"N | 425         | 620,050.951300  | 2,510,381.980300 |
| 425 - 426 | 30.31                 | 24°52'06"N | 426         | 620,063.695800  | 2,510,409.475500 |
| 426 - 427 | 128.36                | 41°42'53"N | 427         | 620,149.109700  | 2,510,505.291700 |
| 427 - 428 | 64.26                 | 19°31'00"N | 428         | 620,170.576700  | 2,510,565.856200 |
| 428 - 429 | 44.00                 | 16°15'36"N | 429         | 620,158.255500  | 2,510,608.100400 |
| 429 - 430 | 52.47                 | 48°53'53"N | 430         | 620,197.795300  | 2,510,642.595400 |
| 430 - 431 | 40.75                 | 35°45'14"N | 431         | 620,221.607900  | 2,510,675.668300 |
| 431 - 432 | 52.12                 | 23°57'44"N | 432         | 620,242.774600  | 2,510,723.293400 |
| 432 - 433 | 52.72                 | 17°31'31"N | 433         | 620,258.649600  | 2,510,773.564400 |
| 433 - 434 | 24.32                 | 45°00'00"N | 434         | 620,275.847600  | 2,510,790.762300 |
| 434 - 435 | 49.71                 | 25°12'03"N | 435         | 620,297.014300  | 2,510,835.741600 |
| 435 - 436 | 74.66                 | 29°44'41"N | 436         | 620,334.056000  | 2,510,900.564600 |
| 436 - 437 | 2.15                  | 13°14'24"N | 437         | 620,334.547700  | 2,510,902.654400 |
| 437 - 438 | 44.06                 | 13°14'26"N | 438         | 620,344.639400  | 2,510,945.543900 |
| 438 - 439 | 23.55                 | 38°09'25"N | 439         | 620,359.191500  | 2,510,964.064800 |
| 439 - 440 | 24.86                 | 43°05'27"N | 440         | 620,376.174000  | 2,510,982.218500 |
| 440 - 441 | 31.30                 | 43°05'27"N | 441         | 620,397.556200  | 2,511,005.075300 |
| 441 - 442 | 17.65                 | 12°59'41"N | 442         | 620,393.587400  | 2,511,022.273200 |
| 442 - 443 | 3.50                  | 11°18'32"N | 443         | 620,394.273800  | 2,511,025.705500 |
| 443 - 444 | 16.74                 | 11°18'36"N | 444         | 620,397.556200  | 2,511,042.117000 |
| 444 - 445 | 8.14                  | 46°19'55"N | 445         | 620,403.443600  | 2,511,047.736800 |
| 445 - 446 | 32.10                 | 46°19'55"N | 446         | 620,426.660400  | 2,511,069.898300 |
| 446 - 447 | 18.43                 | 21°02'14"N | 447         | 620,420.045800  | 2,511,087.096300 |
| 447 - 448 | 26.06                 | 23°57'44"N | 448         | 620,430.629100  | 2,511,110.908800 |
| 448 - 449 | 33.39                 | 56°18'35"N | 449         | 620,458.410400  | 2,511,129.429700 |
| 449 - 450 | 22.76                 | 35°32'16"N | 450         | 620,471.639600  | 2,511,147.950500 |
| 450 - 451 | 26.18                 | 46°29'24"N | 451         | 620,452.654800  | 2,511,165.972700 |
| 451 - 452 | 22.58                 | 07°09'41"N | 452         | 620,449.839800  | 2,511,188.376800 |
| 452 - 453 | 4.64                  | 82°45'54"N | 453         | 620,454.441700  | 2,511,188.961000 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 453 - 454 | 32.22                 | 19°10'43"N | 454         | 620,465.025000  | 2,511,219.388200 |
| 454 - 455 | 20.71                 | 26°33'53"N | 455         | 620,455.764600  | 2,511,237.909100 |
| 455 - 456 | 20.37                 | 43°27'06"N | 456         | 620,441.758500  | 2,511,252.693300 |
| 456 - 457 | 14.26                 | 43°27'06"N | 457         | 620,431.952100  | 2,511,263.044500 |
| 457 - 458 | 12.78                 | 34°10'05"N | 458         | 620,439.129300  | 2,511,273.618000 |
| 458 - 459 | 29.71                 | 60°38'58"N | 459         | 620,465.025000  | 2,511,288.180000 |
| 459 - 460 | 34.95                 | 60°31'27"N | 460         | 620,495.452200  | 2,511,305.377900 |
| 460 - 461 | 18.71                 | 08°07'48"N | 461         | 620,492.806300  | 2,511,323.898800 |
| 461 - 462 | 15.08                 | 37°52'29"N | 462         | 620,483.545900  | 2,511,335.805100 |
| 462 - 463 | 8.62                  | 17°06'10"N | 463         | 620,486.081800  | 2,511,344.046700 |
| 463 - 464 | 9.37                  | 17°06'10"N | 464         | 620,488.837600  | 2,511,353.003000 |
| 464 - 465 | 4.52                  | 70°00'58"N | 465         | 620,493.081500  | 2,511,354.546300 |
| 465 - 466 | 26.45                 | 70°01'00"N | 466         | 620,517.941800  | 2,511,363.586400 |
| 466 - 467 | 25.27                 | 42°52'44"N | 467         | 620,535.139800  | 2,511,382.107300 |
| 467 - 468 | 11.72                 | 11°18'35"N | 468         | 620,537.438700  | 2,511,393.602000 |
| 468 - 469 | 15.26                 | 11°18'35"N | 469         | 620,540.431400  | 2,511,408.565600 |
| 469 - 470 | 31.92                 | 43°36'10"N | 470         | 620,562.447500  | 2,511,431.682500 |
| 470 - 471 | 6.44                  | 43°36'10"N | 471         | 620,566.889800  | 2,511,436.346900 |
| 471 - 472 | 15.93                 | 48°21'59"N | 472         | 620,578.796100  | 2,511,446.930300 |
| 472 - 473 | 34.34                 | 15°38'31"N | 473         | 620,588.056500  | 2,511,480.003300 |
| 473 - 474 | 47.94                 | 27°58'46"N | 474         | 620,610.546200  | 2,511,522.336700 |
| 474 - 475 | 14.17                 | 03°48'50"N | 475         | 620,609.603700  | 2,511,536.474000 |
| 475 - 476 | 5.72                  | 03°48'53"N | 476         | 620,609.223200  | 2,511,542.180500 |
| 476 - 477 | 33.07                 | 00°00'00"N | 477         | 620,609.223200  | 2,511,575.253500 |
| 477 - 478 | 37.07                 | 34°49'28"N | 478         | 620,630.390000  | 2,511,605.680600 |
| 478 - 479 | 45.84                 | 36°07'01"N | 479         | 620,657.411000  | 2,511,642.712500 |
| 479 - 480 | 32.29                 | 30°36'11"N | 480         | 620,640.973300  | 2,511,670.503700 |
| 480 - 481 | 22.64                 | 06°42'35"N | 481         | 620,638.327500  | 2,511,692.993300 |
| 481 - 482 | 51.66                 | 02°56'08"N | 482         | 620,635.681600  | 2,511,744.587100 |
| 482 - 483 | 44.37                 | 10°18'17"N | 483         | 620,627.744100  | 2,511,788.243500 |
| 483 - 484 | 95.79                 | 02°26'30"N | 484         | 620,631.825400  | 2,511,883.948400 |
| 484 - 485 | 80.15                 | 20°44'48"N | 485         | 620,660.217400  | 2,511,958.900400 |
| 485 - 486 | 366.00                | 29°24'56"N | 486         | 620,839.973900  | 2,512,277.713800 |
| 486 - 487 | 31.64                 | 28°32'25"N | 487         | 620,824.859100  | 2,512,305.504900 |
| 487 - 488 | 20.92                 | 71°33'54"N | 488         | 620,805.015300  | 2,512,312.119500 |
| 488 - 489 | 18.69                 | 56°41'22"S | 489         | 620,789.394400  | 2,512,301.854400 |
| 489 - 490 | 36.71                 | 56°41'21"S | 490         | 620,758.713100  | 2,512,281.692400 |
| 490 - 491 | 37.46                 | 47°51'44"S | 491         | 620,730.931800  | 2,512,256.556900 |
| 491 - 492 | 71.00                 | 35°59'05"S | 492         | 620,689.213500  | 2,512,199.104700 |
| 492 - 493 | 39.87                 | 44°16'29"S | 493         | 620,661.379800  | 2,512,170.557300 |
| 493 - 494 | 296.05                | 28°51'20"S | 494         | 620,518.504500  | 2,511,911.265100 |
| 494 - 495 | 94.15                 | 70°17'31"S | 495         | 620,429.868900  | 2,511,879.515100 |
| 495 - 496 | 40.27                 | 88°07'53"S | 496         | 620,389.618600  | 2,511,878.202000 |
| 496 - 497 | 38.52                 | 74°03'16"N | 497         | 620,352.576900  | 2,511,888.785400 |
| 497 - 498 | 19.72                 | 56°18'36"N | 498         | 620,336.167000  | 2,511,899.725300 |
| 498 - 499 | 23.21                 | 56°18'35"N | 499         | 620,316.858100  | 2,511,912.597900 |
| 499 - 500 | 90.02                 | 83°15'16"N | 500         | 620,227.462200  | 2,511,923.171400 |
| 500 - 501 | 31.33                 | 59°34'51"S | 501         | 620,200.441200  | 2,511,907.306200 |
| 501 - 502 | 35.99                 | 53°58'21"S | 502         | 620,171.336900  | 2,511,886.139500 |
| 502 - 503 | 30.10                 | 36°01'38"S | 503         | 620,153.630600  | 2,511,861.793300 |
| 503 - 504 | 41.87                 | 36°01'38"S | 504         | 620,129.003500  | 2,511,827.931100 |
| 504 - 505 | 52.07                 | 27°12'57"S | 505         | 620,105.191000  | 2,511,781.628900 |
| 505 - 506 | 37.39                 | 53°00'22"S | 506         | 620,075.326500  | 2,511,759.129400 |
| 506 - 507 | 15.53                 | 53°25'42"S | 507         | 620,062.857600  | 2,511,749.878800 |
| 507 - 508 | 19.84                 | 90°00'00"N | 508         | 620,043.013800  | 2,511,749.878800 |
| 508 - 509 | 30.40                 | 50°11'34"N | 509         | 620,019.661900  | 2,511,769.339700 |
| 509 - 510 | 47.78                 | 10°37'20"N | 510         | 620,028.469000  | 2,511,816.299100 |
| 510 - 511 | 191.93                | 37°03'12"N | 511         | 620,144.118300  | 2,511,969.473600 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 511 - 512 | 225.66                | 55°45'03"NE | 512         | 620,330.649900  | 2,512,096.473800 |
| 512 - 513 | 96.60                 | 01°07'06"NW | 513         | 620,328.764300  | 2,512,193.056800 |
| 513 - 514 | 59.55                 | 01°16'23"NE | 514         | 620,330.087300  | 2,512,252.588200 |
| 514 - 515 | 88.92                 | 08°35'03"NE | 515         | 620,343.360400  | 2,512,340.514400 |
| 515 - 516 | 28.08                 | 30°59'34"NE | 516         | 620,357.819100  | 2,512,364.584500 |
| 516 - 517 | 244.22                | 28°56'57"NE | 517         | 620,476.030100  | 2,512,578.289000 |
| 517 - 518 | 145.84                | 44°22'47"NE | 518         | 620,578.035800  | 2,512,682.527100 |
| 518 - 519 | 117.49                | 54°09'44"NE | 519         | 620,673.286000  | 2,512,751.318900 |
| 519 - 520 | 29.81                 | 15°31'12"NE | 520         | 620,681.263300  | 2,512,780.044900 |
| 520 - 521 | 53.64                 | 06°26'06"NE | 521         | 620,687.275500  | 2,512,833.349700 |
| 521 - 522 | 41.07                 | 14°55'52"NE | 522         | 620,697.858800  | 2,512,873.037300 |
| 522 - 523 | 48.11                 | 26°10'19"NE | 523         | 620,719.076800  | 2,512,916.211000 |
| 523 - 524 | 130.94                | 46°02'26"NE | 524         | 620,813.332100  | 2,513,007.103100 |
| 524 - 525 | 221.85                | 64°19'35"NE | 525         | 621,013.276300  | 2,513,103.215400 |
| 525 - 526 | 46.05                 | 12°19'00"NW | 526         | 621,003.453200  | 2,513,148.204500 |
| 526 - 527 | 24.86                 | 25°12'04"NE | 527         | 621,014.036600  | 2,513,170.694200 |
| 527 - 528 | 33.49                 | 80°54'35"NE | 528         | 621,047.109500  | 2,513,175.985800 |
| 528 - 529 | 21.82                 | 14°02'09"NW | 529         | 621,041.817900  | 2,513,197.152600 |
| 529 - 530 | 25.27                 | 06°00'32"NW | 530         | 621,039.172000  | 2,513,222.288000 |
| 530 - 531 | 15.43                 | 30°57'49"NE | 531         | 621,047.109500  | 2,513,235.517200 |
| 531 - 532 | 25.45                 | 08°58'21"NE | 532         | 621,051.078300  | 2,513,260.652700 |
| 532 - 533 | 29.73                 | 57°43'27"NE | 533         | 621,076.213800  | 2,513,276.527700 |
| 533 - 534 | 14.97                 | 45°00'00"NW | 534         | 621,065.630400  | 2,513,287.111100 |
| 534 - 535 | 40.00                 | 55°47'03"SW | 535         | 621,032.557400  | 2,513,264.621400 |
| 535 - 536 | 14.97                 | 45°00'00"SW | 536         | 621,021.974100  | 2,513,254.038100 |
| 536 - 537 | 42.66                 | 82°52'29"SW | 537         | 620,979.640600  | 2,513,248.746400 |
| 537 - 538 | 41.54                 | 80°50'15"NW | 538         | 620,938.630200  | 2,513,255.361000 |
| 538 - 539 | 39.07                 | 61°41'57"NW | 539         | 620,904.234200  | 2,513,273.881900 |
| 539 - 540 | 37.70                 | 38°28'30"NW | 540         | 620,880.780800  | 2,513,303.393100 |
| 540 - 541 | 104.59                | 29°41'07"NE | 541         | 620,932.578200  | 2,513,394.257700 |
| 541 - 542 | 76.65                 | 68°44'58"NE | 542         | 621,004.015900  | 2,513,422.039000 |
| 542 - 543 | 69.36                 | 34°54'08"NE | 543         | 621,043.703400  | 2,513,478.924500 |
| 543 - 544 | 28.77                 | 53°15'35"NW | 544         | 621,020.651100  | 2,513,496.132300 |
| 544 - 545 | 34.73                 | 40°21'52"NW | 545         | 620,998.161500  | 2,513,522.590700 |
| 545 - 546 | 36.02                 | 07°32'37"NW | 546         | 620,993.432500  | 2,513,558.299700 |
| 546 - 547 | 41.03                 | 88°09'08"SW | 547         | 620,952.422000  | 2,513,556.976800 |
| 547 - 548 | 106.89                | 53°33'19"NW | 548         | 620,866.432300  | 2,513,620.476900 |
| 548 - 549 | 47.22                 | 11°18'36"NW | 549         | 620,857.171800  | 2,513,666.779100 |
| 549 - 550 | 43.68                 | 88°15'51"NW | 550         | 620,813.515500  | 2,513,668.102000 |
| 550 - 551 | 101.30                | 49°14'10"SW | 551         | 620,736.786200  | 2,513,601.956000 |
| 551 - 552 | 14.11                 | 62°05'25"SW | 552         | 620,724.317200  | 2,513,595.351300 |
| 552 - 553 | 59.07                 | 55°57'14"NW | 553         | 620,675.369200  | 2,513,628.424300 |
| 553 - 554 | 55.02                 | 27°10'52"NW | 554         | 620,650.233700  | 2,513,677.372300 |
| 554 - 555 | 66.48                 | 05°42'38"NW | 555         | 620,643.619100  | 2,513,743.518200 |
| 555 - 556 | 79.56                 | 14°52'58"NE | 556         | 620,664.052900  | 2,513,820.405800 |
| 556 - 557 | 119.16                | 24°52'46"NE | 557         | 620,714.183700  | 2,513,928.504700 |
| 557 - 558 | 158.53                | 53°35'39"NE | 558         | 620,841.772300  | 2,514,022.590800 |
| 558 - 559 | 43.22                 | 74°48'54"NE | 559         | 620,883.485800  | 2,514,033.912300 |
| 559 - 560 | 67.18                 | 78°03'21"SE | 560         | 620,949.213500  | 2,514,020.008400 |
| 560 - 561 | 35.60                 | 41°59'14"SE | 561         | 620,973.026100  | 2,513,993.550000 |
| 561 - 562 | 23.10                 | 66°22'13"SE | 562         | 620,994.192800  | 2,513,984.289500 |
| 562 - 563 | 30.54                 | 72°20'59"SE | 563         | 621,023.297000  | 2,513,975.029100 |
| 563 - 564 | 83.04                 | 30°39'02"SE | 564         | 621,065.630400  | 2,513,903.591500 |
| 564 - 565 | 42.04                 | 77°16'32"SE | 565         | 621,106.640900  | 2,513,894.331000 |
| 565 - 566 | 77.29                 | 83°07'05"NE | 566         | 621,183.370200  | 2,513,903.591500 |
| 566 - 567 | 31.56                 | 33°01'26"NE | 567         | 621,200.568200  | 2,513,930.049900 |
| 567 - 568 | 127.88                | 65°33'21"NW | 568         | 621,084.151300  | 2,513,982.966600 |
| 568 - 569 | 45.21                 | 20°33'22"NW | 569         | 621,068.276200  | 2,514,025.300000 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 569 - 570 | 26.49                 | 87°08'15"SW | 570         | 621,041.817900  | 2,514,023.977100 |
| 570 - 571 | 25.10                 | 71°33'54"SW | 571         | 621,018.005300  | 2,514,016.039600 |
| 571 - 572 | 18.43                 | 21°02'14"NW | 572         | 621,011.390700  | 2,514,033.237600 |
| 572 - 573 | 87.14                 | 51°44'19"NE | 573         | 621,079.809800  | 2,514,087.196800 |
| 573 - 574 | 97.19                 | 85°55'54"NE | 574         | 621,176.755600  | 2,514,094.091800 |
| 574 - 575 | 15.64                 | 67°19'44"SE | 575         | 621,191.183200  | 2,514,088.065200 |
| 575 - 576 | 97.63                 | 67°19'43"SE | 576         | 621,281.266300  | 2,514,050.435500 |
| 576 - 577 | 4.33                  | 87°03'48"NE | 577         | 621,285.588300  | 2,514,050.657200 |
| 577 - 578 | 136.82                | 87°03'51"NE | 578         | 621,422.232900  | 2,514,057.664600 |
| 578 - 579 | 13.83                 | 87°03'52"NE | 579         | 621,436.047800  | 2,514,058.373000 |
| 579 - 580 | 19.84                 | 36°52'11"NE | 580         | 621,447.954100  | 2,514,074.248100 |
| 580 - 581 | 13.48                 | 17°21'14"NW | 581         | 621,443.933200  | 2,514,087.114900 |
| 581 - 582 | 8.70                  | 17°21'14"NW | 582         | 621,441.339500  | 2,514,095.414800 |
| 582 - 583 | 36.33                 | 33°06'41"NW | 583         | 621,421.495700  | 2,514,125.841900 |
| 583 - 584 | 29.22                 | 05°11'39"NW | 584         | 621,418.849900  | 2,514,154.946100 |
| 584 - 585 | 55.83                 | 76°17'34"NW | 585         | 621,364.610200  | 2,514,168.175300 |
| 585 - 586 | 22.76                 | 54°27'44"NW | 586         | 621,346.089300  | 2,514,181.404500 |
| 586 - 587 | 22.53                 | 03°21'59"NE | 587         | 621,347.412200  | 2,514,203.894200 |
| 587 - 588 | 19.08                 | 33°41'24"NE | 588         | 621,357.995600  | 2,514,219.769200 |
| 588 - 589 | 0.43                  | 51°32'14"NE | 589         | 621,358.333100  | 2,514,220.037300 |
| 589 - 590 | 39.52                 | 51°32'47"NE | 590         | 621,389.281900  | 2,514,244.614200 |
| 590 - 591 | 17.49                 | 51°32'46"NE | 591         | 621,402.974800  | 2,514,255.488000 |
| 591 - 592 | 33.81                 | 59°25'14"NE | 592         | 621,432.079100  | 2,514,272.686000 |
| 592 - 593 | 19.73                 | 68°29'35"NE | 593         | 621,450.435000  | 2,514,279.919100 |
| 593 - 594 | 62.58                 | 04°09'34"NE | 594         | 621,454.974200  | 2,514,342.333000 |
| 594 - 595 | 71.42                 | 28°28'04"NE | 595         | 621,489.017500  | 2,514,405.116900 |
| 595 - 596 | 110.40                | 44°46'41"NE | 596         | 621,566.781000  | 2,514,483.484700 |
| 596 - 597 | 6.26                  | 10°00'30"NW | 597         | 621,565.693900  | 2,514,489.644700 |
| 597 - 598 | 17.76                 | 54°14'45"NW | 598         | 621,551.284700  | 2,514,500.019400 |
| 598 - 599 | 23.00                 | 54°14'46"NW | 599         | 621,532.620900  | 2,514,513.457300 |
| 599 - 600 | 25.69                 | 78°06'40"SW | 600         | 621,507.485500  | 2,514,508.165600 |
| 600 - 601 | 15.36                 | 30°57'49"NW | 601         | 621,499.582700  | 2,514,521.336900 |
| 601 - 602 | 7.78                  | 30°57'49"NW | 602         | 621,495.579200  | 2,514,528.009400 |
| 602 - 603 | 11.47                 | 29°44'42"NE | 603         | 621,501.270800  | 2,514,537.969600 |
| 603 - 604 | 20.53                 | 29°44'40"NE | 604         | 621,511.454200  | 2,514,555.790700 |
| 604 - 605 | 64.21                 | 01°39'38"NW | 605         | 621,509.593300  | 2,514,619.970700 |
| 605 - 606 | 86.17                 | 37°05'34"NE | 606         | 621,561.560200  | 2,514,688.701200 |
| 606 - 607 | 49.67                 | 01°20'09"NW | 607         | 621,560.402200  | 2,514,738.353600 |
| 607 - 608 | 23.14                 | 59°02'11"NE | 608         | 621,580.246000  | 2,514,750.259800 |
| 608 - 609 | 16.73                 | 71°33'53"NE | 609         | 621,596.121000  | 2,514,755.551500 |
| 609 - 610 | 15.08                 | 52°07'29"NW | 610         | 621,584.214800  | 2,514,764.811900 |
| 610 - 611 | 23.44                 | 73°36'37"NW | 611         | 621,561.725100  | 2,514,771.426500 |
| 611 - 612 | 13.23                 | 53°07'48"SW | 612         | 621,551.141800  | 2,514,763.489000 |
| 612 - 613 | 17.75                 | 26°33'54"SW | 613         | 621,543.204300  | 2,514,747.614000 |
| 613 - 614 | 8.12                  | 75°57'48"NW | 614         | 621,535.326400  | 2,514,749.583500 |
| 614 - 615 | 18.10                 | 23°18'39"NW | 615         | 621,528.162600  | 2,514,766.208900 |
| 615 - 616 | 39.95                 | 07°14'35"NE | 616         | 621,533.199900  | 2,514,805.842800 |
| 616 - 617 | 38.55                 | 44°27'42"NE | 617         | 621,560.201200  | 2,514,833.356300 |
| 617 - 618 | 29.54                 | 82°45'47"SE | 618         | 621,589.506500  | 2,514,829.635000 |
| 618 - 619 | 19.53                 | 61°41'57"NE | 619         | 621,606.704400  | 2,514,838.895400 |
| 619 - 620 | 22.64                 | 06°42'35"NW | 620         | 621,604.058600  | 2,514,861.385000 |
| 620 - 621 | 27.17                 | 19°01'30"NE | 621         | 621,612.915500  | 2,514,887.070500 |
| 621 - 622 | 55.51                 | 78°56'12"NE | 622         | 621,667.393800  | 2,514,897.722400 |
| 622 - 623 | 94.16                 | 24°02'39"NE | 623         | 621,705.758400  | 2,514,983.712200 |
| 623 - 624 | 84.28                 | 09°27'02"NW | 624         | 621,691.919200  | 2,515,066.850600 |
| 624 - 625 | 2.30                  | 08°43'26"NW | 625         | 621,691.570500  | 2,515,069.123000 |
| 625 - 626 | 63.90                 | 81°08'31"NE | 626         | 621,754.706400  | 2,515,078.962400 |
| 626 - 627 | 48.52                 | 11°00'13"NE | 627         | 621,763.966900  | 2,515,126.587400 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 627 - 628 | 22.84                 | 79°59'30"NE | 628         | 621,786.456500  | 2,515,130.556200 |
| 628 - 629 | 107.09                | 27°11'53"NE | 629         | 621,835.404500  | 2,515,225.806400 |
| 629 - 630 | 59.66                 | 86°11'09"NE | 630         | 621,894.935900  | 2,515,229.775200 |
| 630 - 631 | 45.92                 | 11°38'01"NW | 631         | 621,885.675400  | 2,515,274.754400 |
| 631 - 632 | 132.62                | 18°36'56"NE | 632         | 621,928.008900  | 2,515,400.431700 |
| 632 - 633 | 42.66                 | 29°44'41"NE | 633         | 621,949.175600  | 2,515,437.473500 |
| 633 - 634 | 57.44                 | 51°32'46"NE | 634         | 621,994.154800  | 2,515,473.192300 |
| 634 - 635 | 47.70                 | 03°10'47"NW | 635         | 621,991.509000  | 2,515,520.817400 |
| 635 - 636 | 24.39                 | 77°28'16"SW | 636         | 621,967.696400  | 2,515,515.525700 |
| 636 - 637 | 63.11                 | 33°01'26"SW | 637         | 621,933.300500  | 2,515,462.609000 |
| 637 - 638 | 44.35                 | 72°38'45"NW | 638         | 621,890.967100  | 2,515,475.838100 |
| 638 - 639 | 211.36                | 32°59'37"SW | 639         | 621,775.873100  | 2,515,298.567000 |
| 639 - 640 | 118.74                | 75°27'01"SW | 640         | 621,660.941600  | 2,515,268.737400 |
| 640 - 641 | 32.21                 | 08°43'23"NW | 641         | 621,656.056800  | 2,515,300.573200 |
| 641 - 642 | 136.98                | 26°43'38"NE | 642         | 621,717.664700  | 2,515,422.921400 |
| 642 - 643 | 142.59                | 64°08'53"NE | 643         | 621,845.987900  | 2,515,485.098600 |
| 643 - 644 | 28.56                 | 76°36'26"NE | 644         | 621,873.769200  | 2,515,491.713200 |
| 644 - 645 | 44.63                 | 11°58'33"NE | 645         | 621,883.029600  | 2,515,535.369500 |
| 645 - 646 | 51.75                 | 57°31'43"NE | 646         | 621,926.685900  | 2,515,563.150800 |
| 646 - 647 | 91.98                 | 49°40'00"NW | 647         | 621,856.571200  | 2,515,622.682200 |
| 647 - 648 | 118.37                | 76°40'31"NW | 648         | 621,741.391000  | 2,515,649.961700 |
| 648 - 649 | 0.85                  | 13°55'01"NE | 649         | 621,741.595900  | 2,515,650.788600 |
| 649 - 650 | 33.26                 | 00°27'01"NW | 650         | 621,741.334400  | 2,515,684.047400 |
| 650 - 651 | 88.35                 | 26°47'45"NE | 651         | 621,781.164800  | 2,515,762.911600 |
| 651 - 652 | 71.44                 | 90°00'00"NE | 652         | 621,852.602500  | 2,515,762.911600 |
| 652 - 653 | 131.90                | 45°24'22"SE | 653         | 621,946.529700  | 2,515,670.307300 |
| 653 - 654 | 88.65                 | 89°08'41"SE | 654         | 622,035.165300  | 2,515,668.984400 |
| 654 - 655 | 72.22                 | 08°25'36"NW | 655         | 622,024.582000  | 2,515,740.422000 |
| 655 - 656 | 103.84                | 45°30'58"NE | 656         | 622,098.665500  | 2,515,813.182600 |
| 656 - 657 | 101.18                | 27°14'06"NE | 657         | 622,144.967600  | 2,515,903.141100 |
| 657 - 658 | 74.05                 | 18°45'31"NW | 658         | 622,121.155100  | 2,515,973.255800 |
| 658 - 659 | 68.61                 | 56°00'12"NW | 659         | 622,064.269600  | 2,516,011.620500 |
| 659 - 660 | 184.83                | 13°14'25"SW | 660         | 622,021.936100  | 2,515,831.703400 |
| 660 - 661 | 75.70                 | 84°59'12"NW | 661         | 621,946.529700  | 2,515,838.318000 |
| 661 - 662 | 153.99                | 53°01'53"NW | 662         | 621,823.498200  | 2,515,930.922400 |
| 662 - 663 | 69.14                 | 86°56'00"NW | 663         | 621,754.460200  | 2,515,934.620900 |
| 663 - 664 | 158.27                | 00°59'16"NW | 664         | 621,751.731800  | 2,516,092.865200 |
| 664 - 665 | 55.48                 | 35°25'01"NE | 665         | 621,783.886300  | 2,516,138.082300 |
| 665 - 666 | 26.39                 | 88°49'51"NE | 666         | 621,810.269000  | 2,516,138.620700 |
| 666 - 667 | 38.91                 | 35°18'40"SE | 667         | 621,832.758700  | 2,516,106.870700 |
| 667 - 668 | 72.77                 | 88°57'29"SE | 668         | 621,905.519200  | 2,516,105.547700 |
| 668 - 669 | 60.87                 | 01°14'43"NW | 669         | 621,904.196300  | 2,516,166.402000 |
| 669 - 670 | 106.11                | 26°49'51"NE | 670         | 621,952.089000  | 2,516,261.086500 |
| 670 - 671 | 6.29                  | 54°48'38"NE | 671         | 621,957.229500  | 2,516,264.711300 |
| 671 - 672 | 27.24                 | 44°18'49"NE | 672         | 621,976.258800  | 2,516,284.201900 |
| 672 - 673 | 84.75                 | 60°04'50"NE | 673         | 622,049.717400  | 2,516,326.475300 |
| 673 - 674 | 94.08                 | 86°46'31"SE | 674         | 622,143.644700  | 2,516,321.183600 |
| 674 - 675 | 173.35                | 51°49'05"NE | 675         | 622,279.905400  | 2,516,428.340100 |
| 675 - 676 | 60.36                 | 67°24'09"NE | 676         | 622,335.632900  | 2,516,451.534100 |
| 676 - 677 | 90.74                 | 82°27'38"NE | 677         | 622,425.591500  | 2,516,463.440300 |
| 677 - 678 | 61.13                 | 83°07'24"SE | 678         | 622,486.280800  | 2,516,456.121400 |
| 678 - 679 | 17.40                 | 08°44'46"NE | 679         | 622,488.926700  | 2,516,473.319300 |
| 679 - 680 | 36.69                 | 64°21'32"NW | 680         | 622,455.853700  | 2,516,489.194300 |
| 680 - 681 | 39.80                 | 68°33'08"SW | 681         | 622,418.811900  | 2,516,474.642200 |
| 681 - 682 | 100.45                | 77°03'42"NW | 682         | 622,320.915900  | 2,516,497.131900 |
| 682 - 683 | 68.00                 | 52°54'25"NW | 683         | 622,266.676200  | 2,516,538.142400 |
| 683 - 684 | 90.42                 | 24°40'02"NE | 684         | 622,304.412600  | 2,516,620.310300 |
| 684 - 685 | 18.22                 | 44°18'50"NE | 685         | 622,317.139300  | 2,516,633.345500 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 685 - 686 | 47.02                 | 43°36'10"NE | 686         | 622,349.569100  | 2,516,667.396700 |
| 686 - 687 | 5.80                  | 36°32'52"NE | 687         | 622,353.024100  | 2,516,672.057700 |
| 687 - 688 | 61.96                 | 69°00'54"NE | 688         | 622,410.874400  | 2,516,694.246800 |
| 688 - 689 | 72.65                 | 56°53'19"NE | 689         | 622,471.728700  | 2,516,733.934400 |
| 689 - 690 | 59.66                 | 86°11'09"NE | 690         | 622,531.260100  | 2,516,737.903200 |
| 690 - 691 | 124.75                | 34°11'44"NE | 691         | 622,601.374800  | 2,516,841.090900 |
| 691 - 692 | 56.52                 | 32°34'26"NW | 692         | 622,570.947600  | 2,516,888.716000 |
| 692 - 693 | 50.61                 | 77°57'54"NW | 693         | 622,521.446600  | 2,516,899.269200 |
| 693 - 694 | 60.26                 | 06°37'56"NW | 694         | 622,514.486400  | 2,516,959.127300 |
| 694 - 695 | 31.53                 | 38°01'08"NE | 695         | 622,533.905900  | 2,516,983.966200 |
| 695 - 696 | 63.84                 | 84°03'11"SE | 696         | 622,597.406000  | 2,516,977.351600 |
| 696 - 697 | 56.46                 | 70°05'26"NE | 697         | 622,650.487700  | 2,516,996.576800 |
| 697 - 698 | 14.34                 | 13°23'31"NW | 698         | 622,647.166700  | 2,517,010.525300 |
| 698 - 699 | 14.22                 | 13°23'34"NW | 699         | 622,643.873100  | 2,517,024.358100 |
| 699 - 700 | 34.42                 | 87°47'50"NW | 700         | 622,609.477200  | 2,517,025.681000 |
| 700 - 701 | 43.02                 | 63°35'03"NW | 701         | 622,570.947600  | 2,517,044.820500 |
| 701 - 702 | 46.81                 | 42°42'33"NE | 702         | 622,602.697700  | 2,517,079.216400 |
| 702 - 703 | 38.63                 | 22°04'41"NW | 703         | 622,588.178400  | 2,517,115.012300 |
| 703 - 704 | 33.17                 | 48°55'23"NW | 704         | 622,563.175100  | 2,517,136.806300 |
| 704 - 705 | 52.95                 | 12°59'40"NW | 705         | 622,551.268800  | 2,517,188.400100 |
| 705 - 706 | 20.63                 | 03°21'58"NW | 706         | 622,550.057300  | 2,517,208.996300 |
| 706 - 707 | 20.43                 | 03°21'59"NW | 707         | 622,548.857700  | 2,517,229.388900 |
| 707 - 708 | 4.00                  | 03°21'57"NW | 708         | 622,548.623000  | 2,517,233.379400 |
| 708 - 709 | 8.88                  | 56°36'41"NE | 709         | 622,556.041400  | 2,517,238.268800 |
| 709 - 710 | 60.83                 | 56°36'41"NE | 710         | 622,606.831400  | 2,517,271.744000 |
| 710 - 711 | 38.91                 | 35°18'40"NE | 711         | 622,629.321000  | 2,517,303.494100 |
| 711 - 712 | 20.24                 | 11°18'36"NE | 712         | 622,633.289800  | 2,517,323.337900 |
| 712 - 713 | 52.40                 | 31°47'20"NE | 713         | 622,660.894500  | 2,517,367.878800 |
| 713 - 714 | 134.71                | 85°22'05"SE | 714         | 622,795.168800  | 2,517,357.000600 |
| 714 - 715 | 1.11                  | 85°21'53"SE | 715         | 622,796.278900  | 2,517,356.910600 |
| 715 - 716 | 66.40                 | 53°59'52"SE | 716         | 622,849.994400  | 2,517,317.881200 |
| 716 - 717 | 20.76                 | 15°29'30"NE | 717         | 622,855.540200  | 2,517,337.890000 |
| 717 - 718 | 46.30                 | 36°52'11"NE | 718         | 622,883.321500  | 2,517,374.931700 |
| 718 - 719 | 61.96                 | 54°24'16"NE | 719         | 622,933.707400  | 2,517,410.998300 |
| 719 - 720 | 201.77                | 17°56'00"NE | 720         | 622,995.833500  | 2,517,602.961100 |
| 720 - 721 | 11.74                 | 13°20'57"NW | 721         | 622,993.123800  | 2,517,614.380100 |
| 721 - 722 | 35.06                 | 17°55'39"NW | 722         | 622,982.331700  | 2,517,647.737800 |
| 722 - 723 | 12.21                 | 17°55'41"NW | 723         | 622,978.571700  | 2,517,659.359400 |
| 723 - 724 | 6.78                  | 78°41'25"NW | 724         | 622,971.922000  | 2,517,660.689300 |
| 724 - 725 | 26.95                 | 78°41'23"NW | 725         | 622,945.498700  | 2,517,665.974000 |
| 725 - 726 | 28.40                 | 27°45'30"NW | 726         | 622,932.269600  | 2,517,691.109500 |
| 726 - 727 | 12.33                 | 35°13'03"NE | 727         | 622,939.378100  | 2,517,701.179900 |
| 727 - 728 | 9.95                  | 35°13'03"NE | 728         | 622,945.118700  | 2,517,709.312400 |
| 728 - 729 | 5.25                  | 35°13'03"NE | 729         | 622,948.144600  | 2,517,713.599100 |
| 729 - 730 | 29.85                 | 77°11'44"NE | 730         | 622,977.248800  | 2,517,720.213700 |
| 730 - 731 | 27.14                 | 43°01'30"SE | 731         | 622,995.769700  | 2,517,700.369900 |
| 731 - 732 | 18.71                 | 08°07'47"NE | 732         | 622,998.415500  | 2,517,718.890800 |
| 732 - 733 | 28.56                 | 13°23'33"NW | 733         | 622,991.800900  | 2,517,746.672100 |
| 733 - 734 | 40.30                 | 23°11'54"NW | 734         | 622,975.925900  | 2,517,783.713800 |
| 734 - 735 | 49.80                 | 16°59'26"NE | 735         | 622,990.478000  | 2,517,831.338900 |
| 735 - 736 | 14.55                 | 90°00'00"NE | 736         | 623,005.030100  | 2,517,831.338900 |
| 736 - 737 | 22.61                 | 69°26'38"SE | 737         | 623,026.196800  | 2,517,823.401400 |
| 737 - 738 | 22.53                 | 40°14'10"SE | 738         | 623,040.748900  | 2,517,806.203400 |
| 738 - 739 | 14.06                 | 48°48'50"NE | 739         | 623,051.332300  | 2,517,815.463900 |
| 739 - 740 | 23.85                 | 33°41'24"NW | 740         | 623,038.103100  | 2,517,835.307700 |
| 740 - 741 | 24.86                 | 64°47'56"NW | 741         | 623,015.613500  | 2,517,845.891000 |
| 741 - 742 | 29.58                 | 79°41'42"NW | 742         | 622,986.509200  | 2,517,851.182700 |
| 742 - 743 | 20.68                 | 27°38'45"NW | 743         | 622,976.912400  | 2,517,869.503900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 743 - 744 | 10.68                 | 27°38'45"NW | 744         | 622,971.957100  | 2,517,878.964000 |
| 744 - 745 | 23.14                 | 59°02'10"NE | 745         | 622,991.800900  | 2,517,890.870300 |
| 745 - 746 | 33.18                 | 85°25'33"SE | 746         | 623,024.873900  | 2,517,888.224400 |
| 746 - 747 | 9.60                  | 47°29'21"SE | 747         | 623,031.953000  | 2,517,881.735200 |
| 747 - 748 | 33.47                 | 47°29'22"SE | 748         | 623,056.624000  | 2,517,859.120200 |
| 748 - 749 | 24.29                 | 60°38'31"SE | 749         | 623,077.790700  | 2,517,847.213900 |
| 749 - 750 | 14.61                 | 05°11'39"NE | 750         | 623,079.113600  | 2,517,861.766000 |
| 750 - 751 | 32.40                 | 35°58'24"NW | 751         | 623,060.082100  | 2,517,887.986200 |
| 751 - 752 | 57.04                 | 12°43'32"NE | 752         | 623,072.647900  | 2,517,943.628600 |
| 752 - 753 | 57.81                 | 09°21'59"NW | 753         | 623,063.238600  | 2,518,000.672600 |
| 753 - 754 | 66.12                 | 19°53'06"NE | 754         | 623,085.728200  | 2,518,062.849800 |
| 754 - 755 | 39.23                 | 32°51'30"NE | 755         | 623,107.014000  | 2,518,095.804900 |
| 755 - 756 | 113.02                | 38°47'58"NW | 756         | 623,036.194200  | 2,518,183.888100 |
| 756 - 757 | 21.38                 | 16°22'36"NW | 757         | 623,030.165600  | 2,518,204.402200 |
| 757 - 758 | 17.25                 | 32°28'16"NE | 758         | 623,039.426000  | 2,518,218.954300 |
| 758 - 759 | 0.95                  | 34°49'42"NE | 759         | 623,039.967300  | 2,518,219.732300 |
| 759 - 760 | 36.12                 | 34°49'27"NE | 760         | 623,060.592700  | 2,518,249.381400 |
| 760 - 761 | 25.17                 | 03°00'45"NE | 761         | 623,061.915600  | 2,518,274.516900 |
| 761 - 762 | 11.38                 | 54°27'43"NW | 762         | 623,052.655200  | 2,518,281.131500 |
| 762 - 763 | 34.62                 | 04°17'28"NW | 763         | 623,050.064600  | 2,518,315.657000 |
| 763 - 764 | 127.02                | 35°37'06"NE | 764         | 623,124.040100  | 2,518,418.914400 |
| 764 - 765 | 43.48                 | 01°40'27"NW | 765         | 623,122.769900  | 2,518,462.371400 |
| 765 - 766 | 49.23                 | 06°10'12"NE | 766         | 623,128.061600  | 2,518,511.319400 |
| 766 - 767 | 147.94                | 15°01'49"NE | 767         | 623,166.426300  | 2,518,654.194700 |
| 767 - 768 | 21.93                 | 32°49'42"NE | 768         | 623,178.317200  | 2,518,672.625600 |
| 768 - 769 | 75.68                 | 32°49'42"NE | 769         | 623,219.343000  | 2,518,736.215700 |
| 769 - 770 | 76.01                 | 31°28'36"NE | 770         | 623,259.030600  | 2,518,801.038800 |
| 770 - 771 | 98.04                 | 03°05'38"NE | 771         | 623,264.322300  | 2,518,898.934800 |
| 771 - 772 | 76.28                 | 14°27'40"NE | 772         | 623,283.372200  | 2,518,972.800900 |
| 772 - 773 | 321.20                | 22°27'38"NE | 773         | 623,406.086300  | 2,519,269.633500 |
| 773 - 774 | 53.37                 | 22°27'39"NE | 774         | 623,426.477100  | 2,519,318.956500 |
| 774 - 775 | 33.54                 | 31°58'46"NE | 775         | 623,444.239300  | 2,519,347.404400 |
| 775 - 776 | 64.55                 | 45°49'49"NE | 776         | 623,490.541500  | 2,519,392.383700 |
| 776 - 777 | 39.06                 | 78°21'59"NE | 777         | 623,528.795500  | 2,519,400.259500 |
| 777 - 778 | 6.87                  | 78°21'59"NE | 778         | 623,535.520800  | 2,519,401.644100 |
| 778 - 779 | 40.75                 | 76°51'57"SE | 779         | 623,575.208300  | 2,519,392.383700 |
| 779 - 780 | 25.41                 | 38°39'35"NE | 780         | 623,591.083400  | 2,519,412.227500 |
| 780 - 781 | 18.52                 | 90°00'00"NE | 781         | 623,609.604200  | 2,519,412.227500 |
| 781 - 782 | 17.40                 | 81°15'14"NE | 782         | 623,626.802200  | 2,519,414.873300 |
| 782 - 783 | 13.23                 | 00°00'00"NE | 783         | 623,626.802200  | 2,519,428.102500 |
| 783 - 784 | 15.98                 | 24°26'38"NW | 784         | 623,620.187600  | 2,519,442.654600 |
| 784 - 785 | 13.49                 | 78°41'23"NW | 785         | 623,606.958400  | 2,519,445.300500 |
| 785 - 786 | 13.38                 | 41°11'10"NW | 786         | 623,598.149000  | 2,519,455.368300 |
| 786 - 787 | 0.68                  | 41°10'55"NW | 787         | 623,597.698000  | 2,519,455.883800 |
| 787 - 788 | 28.62                 | 33°41'23"NE | 788         | 623,613.573000  | 2,519,479.696400 |
| 788 - 789 | 40.17                 | 65°08'10"NE | 789         | 623,650.023100  | 2,519,496.587900 |
| 789 - 790 | 19.61                 | 65°08'11"NE | 790         | 623,667.812700  | 2,519,504.831800 |
| 790 - 791 | 34.50                 | 57°31'43"NE | 791         | 623,696.916900  | 2,519,523.352700 |
| 791 - 792 | 22.76                 | 54°27'44"NE | 792         | 623,715.437800  | 2,519,536.581900 |
| 792 - 793 | 21.39                 | 25°30'50"NE | 793         | 623,724.652600  | 2,519,555.889000 |
| 793 - 794 | 4.07                  | 51°31'41"NE | 794         | 623,727.840600  | 2,519,558.422300 |
| 794 - 795 | 35.22                 | 05°39'29"NE | 795         | 623,731.312800  | 2,519,593.467400 |
| 795 - 796 | 22.84                 | 10°00'28"NE | 796         | 623,735.281600  | 2,519,615.957100 |
| 796 - 797 | 22.76                 | 35°32'16"NE | 797         | 623,748.510800  | 2,519,634.477900 |
| 797 - 798 | 17.25                 | 57°31'42"NW | 798         | 623,733.958700  | 2,519,643.738400 |
| 798 - 799 | 23.67                 | 63°26'05"SW | 799         | 623,712.791900  | 2,519,633.155000 |
| 799 - 800 | 26.09                 | 59°32'03"SW | 800         | 623,690.302300  | 2,519,619.925800 |
| 800 - 801 | 94.45                 | 87°51'19"SW | 801         | 623,595.914000  | 2,519,616.391200 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 801 - 802 | 21.87                 | 71°12'00"SW | 802         | 623,575.208300  | 2,519,609.342500 |
| 802 - 803 | 33.31                 | 83°09'26"NW | 803         | 623,542.135400  | 2,519,613.311200 |
| 803 - 804 | 30.56                 | 62°34'00"SW | 804         | 623,515.013500  | 2,519,599.232600 |
| 804 - 805 | 98.71                 | 27°38'45"SW | 805         | 623,469.209900  | 2,519,511.789400 |
| 805 - 806 | 9.92                  | 14°29'05"SW | 806         | 623,466.729000  | 2,519,502.186000 |
| 806 - 807 | 10.58                 | 90°00'00"NW | 807         | 623,456.145600  | 2,519,502.186000 |
| 807 - 808 | 10.67                 | 29°44'42"NW | 808         | 623,450.853900  | 2,519,511.446400 |
| 808 - 809 | 2.82                  | 03°54'01"NW | 809         | 623,450.661900  | 2,519,514.262400 |
| 809 - 810 | 8.16                  | 03°54'00"NW | 810         | 623,450.107100  | 2,519,522.400100 |
| 810 - 811 | 47.36                 | 03°54'01"NW | 811         | 623,446.885200  | 2,519,569.654900 |
| 811 - 812 | 99.34                 | 09°41'39"NE | 812         | 623,463.613700  | 2,519,667.579600 |
| 812 - 813 | 249.52                | 25°12'42"NE | 813         | 623,569.898400  | 2,519,893.326200 |
| 813 - 814 | 112.91                | 46°49'53"NE | 814         | 623,652.245600  | 2,519,970.569900 |
| 814 - 815 | 91.34                 | 08°28'02"NE | 815         | 623,665.695600  | 2,520,060.917100 |
| 815 - 816 | 65.88                 | 49°01'41"NE | 816         | 623,715.437800  | 2,520,104.114300 |
| 816 - 817 | 66.48                 | 58°50'26"NE | 817         | 623,772.323300  | 2,520,138.510200 |
| 817 - 818 | 185.20                | 80°01'15"NE | 818         | 623,954.721200  | 2,520,170.603200 |
| 818 - 819 | 22.44                 | 50°42'15"NE | 819         | 623,972.084100  | 2,520,184.812400 |
| 819 - 820 | 49.37                 | 03°15'49"NW | 820         | 623,969.273400  | 2,520,234.103300 |
| 820 - 821 | 85.84                 | 88°53'17"SW | 821         | 623,883.448500  | 2,520,232.437500 |
| 821 - 822 | 17.29                 | 50°47'39"NW | 822         | 623,870.054400  | 2,520,243.363700 |
| 822 - 823 | 15.05                 | 31°05'49"NW | 823         | 623,862.281800  | 2,520,256.250000 |
| 823 - 824 | 14.79                 | 10°18'18"NE | 824         | 623,864.927700  | 2,520,270.802100 |
| 824 - 825 | 110.12                | 16°02'23"NE | 825         | 623,895.354800  | 2,520,376.635700 |
| 825 - 826 | 38.46                 | 49°11'05"NE | 826         | 623,924.459000  | 2,520,401.771100 |
| 826 - 827 | 35.23                 | 55°42'47"NE | 827         | 623,953.563300  | 2,520,421.614900 |
| 827 - 828 | 25.76                 | 43°36'09"NE | 828         | 623,971.328400  | 2,520,440.268300 |
| 828 - 829 | 16.95                 | 55°00'04"NW | 829         | 623,957.443200  | 2,520,449.990400 |
| 829 - 830 | 27.70                 | 88°29'33"NW | 830         | 623,929.750700  | 2,520,450.719100 |
| 830 - 831 | 66.48                 | 58°50'26"SW | 831         | 623,872.865200  | 2,520,416.323200 |
| 831 - 832 | 28.01                 | 33°07'12"SW | 832         | 623,857.558500  | 2,520,392.860900 |
| 832 - 833 | 80.17                 | 16°50'14"SW | 833         | 623,834.335600  | 2,520,316.124300 |
| 833 - 834 | 18.59                 | 29°17'05"SW | 834         | 623,825.240100  | 2,520,299.906300 |
| 834 - 835 | 141.41                | 62°42'56"SW | 835         | 623,699.562800  | 2,520,235.083300 |
| 835 - 836 | 58.25                 | 69°03'19"SW | 836         | 623,645.158100  | 2,520,214.259500 |
| 836 - 837 | 40.06                 | 75°10'24"NW | 837         | 623,606.436100  | 2,520,224.509500 |
| 837 - 838 | 2.10                  | 10°13'32"NW | 838         | 623,606.062800  | 2,520,226.578900 |
| 838 - 839 | 40.01                 | 19°57'25"NW | 839         | 623,592.406300  | 2,520,264.187500 |
| 839 - 840 | 43.84                 | 05°11'39"NE | 840         | 623,596.375000  | 2,520,307.843900 |
| 840 - 841 | 44.05                 | 14°19'27"NE | 841         | 623,607.274400  | 2,520,350.528700 |
| 841 - 842 | 99.16                 | 27°26'22"NE | 842         | 623,652.967300  | 2,520,438.529900 |
| 842 - 843 | 51.98                 | 14°44'36"NE | 843         | 623,666.196500  | 2,520,488.800800 |
| 843 - 844 | 17.94                 | 42°16'25"NE | 844         | 623,678.262600  | 2,520,502.073500 |
| 844 - 845 | 32.24                 | 24°29'01"NE | 845         | 623,691.625200  | 2,520,531.417200 |
| 845 - 846 | 52.92                 | 36°52'11"NE | 846         | 623,723.375300  | 2,520,573.750600 |
| 846 - 847 | 57.94                 | 57°06'27"NE | 847         | 623,772.030100  | 2,520,605.217700 |
| 847 - 848 | 21.33                 | 29°44'41"NW | 848         | 623,761.446700  | 2,520,623.738600 |
| 848 - 849 | 57.86                 | 79°27'39"NW | 849         | 623,704.561200  | 2,520,634.321900 |
| 849 - 850 | 37.14                 | 04°05'08"NW | 850         | 623,701.915300  | 2,520,671.363700 |
| 850 - 851 | 14.88                 | 73°23'47"NW | 851         | 623,687.656500  | 2,520,675.615400 |
| 851 - 852 | 22.76                 | 54°27'44"SW | 852         | 623,669.135600  | 2,520,662.386200 |
| 852 - 853 | 33.73                 | 48°10'47"SW | 853         | 623,644.000100  | 2,520,639.896600 |
| 853 - 854 | 40.25                 | 50°35'45"SW | 854         | 623,612.901600  | 2,520,614.348300 |
| 854 - 855 | 3.91                  | 50°42'35"NW | 855         | 623,609.877400  | 2,520,616.822700 |
| 855 - 856 | 7.19                  | 50°42'38"NW | 856         | 623,604.312600  | 2,520,621.375700 |
| 856 - 857 | 17.65                 | 12°59'40"NW | 857         | 623,600.343800  | 2,520,638.573700 |
| 857 - 858 | 51.86                 | 05°51'21"NE | 858         | 623,605.635500  | 2,520,690.167500 |
| 858 - 859 | 117.87                | 10°44'09"NE | 859         | 623,627.592000  | 2,520,805.971900 |



| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 859 - 860 | 87.40                 | 44°20'42"N | 860         | 623,688.686100  | 2,520,868.478600 |
| 860 - 861 | 22.53                 | 89°00'44"E | 861         | 623,711.211800  | 2,520,868.090300 |
| 861 - 862 | 130.95                | 89°00'44"E | 862         | 623,842.144800  | 2,520,865.832800 |
| 862 - 863 | 101.81                | 64°38'16"N | 863         | 623,934.138900  | 2,520,909.440400 |
| 863 - 864 | 112.00                | 80°45'27"N | 864         | 624,044.686500  | 2,520,927.429100 |
| 864 - 865 | 34.55                 | 61°15'09"E | 865         | 624,074.978600  | 2,520,910.812100 |
| 865 - 866 | 59.82                 | 18°02'03"E | 866         | 624,093.499400  | 2,520,853.926500 |
| 866 - 867 | 55.77                 | 67°41'37"E | 867         | 624,145.093300  | 2,520,832.759800 |
| 867 - 868 | 28.50                 | 68°11'54"N | 868         | 624,171.551700  | 2,520,843.343200 |
| 868 - 869 | 14.21                 | 03°48'49"N | 869         | 624,172.496800  | 2,520,857.520600 |
| 869 - 870 | 16.33                 | 68°37'45"W | 870         | 624,157.292800  | 2,520,863.470000 |
| 870 - 871 | 24.71                 | 15°31'26"W | 871         | 624,150.678200  | 2,520,887.282500 |
| 871 - 872 | 43.88                 | 05°55'34"N | 872         | 624,155.208200  | 2,520,930.923400 |
| 872 - 873 | 72.69                 | 76°10'24"N | 873         | 624,225.791400  | 2,520,948.294800 |
| 873 - 874 | 59.24                 | 29°25'38"N | 874         | 624,254.895600  | 2,520,999.888600 |
| 874 - 875 | 64.62                 | 38°07'05"W | 875         | 624,215.004100  | 2,521,050.730700 |
| 875 - 876 | 100.91                | 26°31'25"N | 876         | 624,260.067800  | 2,521,141.020400 |
| 876 - 877 | 77.85                 | 20°13'22"W | 877         | 624,233.155700  | 2,521,214.074700 |
| 877 - 878 | 170.76                | 26°54'59"N | 878         | 624,310.458200  | 2,521,366.337300 |
| 878 - 879 | 79.77                 | 05°42'38"E | 879         | 624,318.395700  | 2,521,445.712400 |
| 879 - 880 | 83.44                 | 87°16'25"W | 880         | 624,235.051800  | 2,521,441.743700 |
| 880 - 881 | 28.76                 | 29°43'14"W | 881         | 624,220.793000  | 2,521,466.721200 |
| 881 - 882 | 54.48                 | 03°05'33"W | 882         | 624,217.853900  | 2,521,521.118800 |
| 882 - 883 | 102.48                | 39°14'14"N | 883         | 624,282.676900  | 2,521,600.494000 |
| 883 - 884 | 27.78                 | 00°00'00"E | 884         | 624,282.676900  | 2,521,628.275300 |
| 884 - 885 | 49.80                 | 73°00'33"W | 885         | 624,235.051800  | 2,521,642.827400 |
| 885 - 886 | 43.19                 | 49°58'11"W | 886         | 624,201.978800  | 2,521,615.046100 |
| 886 - 887 | 65.16                 | 84°10'25"W | 887         | 624,137.155800  | 2,521,608.431500 |
| 887 - 888 | 61.61                 | 68°51'36"W | 888         | 624,079.695600  | 2,521,630.649400 |
| 888 - 889 | 10.31                 | 20°13'21"W | 889         | 624,076.132300  | 2,521,640.322300 |
| 889 - 890 | 105.22                | 02°46'56"W | 890         | 624,071.024700  | 2,521,745.415000 |
| 890 - 891 | 135.54                | 26°40'23"E | 891         | 624,131.870700  | 2,521,866.534700 |
| 891 - 892 | 117.50                | 41°31'59"N | 892         | 624,209.777700  | 2,521,954.490000 |
| 892 - 893 | 51.99                 | 40°25'29"N | 893         | 624,243.490100  | 2,521,994.067200 |
| 893 - 894 | 37.50                 | 54°36'03"N | 894         | 624,274.054700  | 2,522,015.787500 |
| 894 - 895 | 91.96                 | 65°13'42"N | 895         | 624,357.548700  | 2,522,054.317000 |
| 895 - 896 | 112.82                | 86°17'42"N | 896         | 624,470.129200  | 2,522,061.607100 |
| 896 - 897 | 30.47                 | 83°25'40"N | 897         | 624,500.399200  | 2,522,065.094500 |
| 897 - 898 | 19.50                 | 83°25'40"N | 898         | 624,519.772700  | 2,522,067.326500 |
| 898 - 899 | 22.02                 | 57°15'53"N | 899         | 624,538.293600  | 2,522,079.232800 |
| 899 - 900 | 45.41                 | 11°32'47"N | 900         | 624,547.382200  | 2,522,123.719300 |
| 900 - 901 | 12.22                 | 11°32'49"N | 901         | 624,549.827500  | 2,522,135.688100 |
| 901 - 902 | 67.95                 | 11°32'48"E | 902         | 624,563.429100  | 2,522,202.264300 |
| 902 - 903 | 81.71                 | 14°02'10"W | 903         | 624,543.612700  | 2,522,281.529900 |
| 903 - 904 | 54.66                 | 14°02'10"W | 904         | 624,530.356100  | 2,522,334.556200 |
| 904 - 905 | 143.16                | 01°57'41"N | 905         | 624,535.256200  | 2,522,477.631400 |
| 905 - 906 | 178.39                | 13°27'25"N | 906         | 624,576.770600  | 2,522,651.123000 |
| 906 - 907 | 36.14                 | 43°49'36"N | 907         | 624,601.793700  | 2,522,677.192300 |
| 907 - 908 | 50.29                 | 26°33'54"N | 908         | 624,624.283400  | 2,522,722.171600 |
| 908 - 909 | 90.59                 | 28°48'38"E | 909         | 624,667.939700  | 2,522,801.546800 |
| 909 - 910 | 53.26                 | 14°22'53"N | 910         | 624,681.168900  | 2,522,853.140600 |
| 910 - 911 | 188.03                | 23°15'46"N | 911         | 624,755.431100  | 2,523,025.883900 |
| 911 - 912 | 129.45                | 05°21'24"W | 912         | 624,743.346100  | 2,523,154.766200 |
| 912 - 913 | 44.78                 | 09°01'03"N | 913         | 624,750.364700  | 2,523,198.991800 |
| 913 - 914 | 18.28                 | 18°28'03"N | 914         | 624,756.155200  | 2,523,216.330300 |
| 914 - 915 | 23.36                 | 78°41'24"N | 915         | 624,779.064900  | 2,523,220.912200 |
| 915 - 916 | 60.33                 | 15°15'18"N | 916         | 624,794.939900  | 2,523,279.120600 |
| 916 - 917 | 72.27                 | 04°56'50"N | 917         | 624,801.172800  | 2,523,351.125000 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 917 - 918 | 79.70                 | 18°28'04"NE | 918         | 624,826.421000  | 2,523,426.724800 |
| 918 - 919 | 206.41                | 11°24'23"NW | 919         | 624,785.599200  | 2,523,629.060400 |
| 919 - 920 | 31.68                 | 22°02'48"NE | 920         | 624,797.492200  | 2,523,658.427400 |
| 920 - 921 | 127.77                | 22°02'48"NE | 921         | 624,845.451700  | 2,523,776.852300 |
| 921 - 922 | 462.74                | 01°20'45"NE | 922         | 624,856.322100  | 2,524,239.460300 |
| 922 - 923 | 182.08                | 27°26'09"NE | 923         | 624,940.218400  | 2,524,401.064800 |
| 923 - 924 | 153.32                | 27°26'09"NE | 924         | 625,010.861700  | 2,524,537.140500 |
| 924 - 925 | 235.73                | 02°10'54"NE | 925         | 625,019.836200  | 2,524,772.696500 |
| 925 - 926 | 35.74                 | 02°07'15"NE | 926         | 625,021.159100  | 2,524,808.415400 |
| 926 - 927 | 3.60                  | 15°15'21"NE | 927         | 625,022.105500  | 2,524,811.885300 |
| 927 - 928 | 41.65                 | 15°15'18"NE | 928         | 625,033.065400  | 2,524,852.071700 |
| 928 - 929 | 20.90                 | 88°05'26"SE | 929         | 625,053.956400  | 2,524,851.375300 |
| 929 - 930 | 18.81                 | 88°05'27"SE | 930         | 625,072.753000  | 2,524,850.748800 |
| 930 - 931 | 19.84                 | 36°52'12"NE | 931         | 625,084.659300  | 2,524,866.623800 |
| 931 - 932 | 40.40                 | 18°07'05"NE | 932         | 625,097.221900  | 2,524,905.017800 |
| 932 - 933 | 54.66                 | 68°44'38"NE | 933         | 625,148.159400  | 2,524,924.832300 |
| 933 - 934 | 42.02                 | 61°49'17"NE | 934         | 625,185.201100  | 2,524,944.676000 |
| 934 - 935 | 26.01                 | 23°16'09"NE | 935         | 625,195.476100  | 2,524,968.569500 |
| 935 - 936 | 1.46                  | 57°06'20"NE | 936         | 625,196.705400  | 2,524,969.364600 |
| 936 - 937 | 11.65                 | 02°34'18"NE | 937         | 625,197.228300  | 2,524,981.006700 |
| 937 - 938 | 292.23                | 07°28'58"NE | 938         | 625,235.285100  | 2,525,270.743800 |
| 938 - 939 | 60.84                 | 21°42'35"NW | 939         | 625,212.781300  | 2,525,327.264900 |
| 939 - 940 | 0.33                  | 14°42'58"NE | 940         | 625,212.865400  | 2,525,327.585100 |
| 940 - 941 | 21.28                 | 14°43'27"NE | 941         | 625,218.274100  | 2,525,348.166400 |
| 941 - 942 | 25.69                 | 55°29'28"NE | 942         | 625,239.440800  | 2,525,362.718600 |
| 942 - 943 | 48.07                 | 47°39'27"NE | 943         | 625,274.972700  | 2,525,395.098200 |
| 943 - 944 | 101.70                | 11°59'07"NE | 944         | 625,296.091700  | 2,525,494.579900 |
| 944 - 945 | 30.88                 | 02°01'11"NW | 945         | 625,295.003400  | 2,525,525.437600 |
| 945 - 946 | 31.86                 | 04°45'49"NE | 946         | 625,297.649300  | 2,525,557.187700 |
| 946 - 947 | 71.60                 | 16°05'26"NE | 947         | 625,317.493100  | 2,525,625.979500 |
| 947 - 948 | 66.16                 | 01°08'44"NW | 948         | 625,316.170200  | 2,525,692.125500 |
| 948 - 949 | 154.00                | 06°07'22"NE | 949         | 625,332.595700  | 2,525,845.243100 |
| 949 - 950 | 89.93                 | 28°30'26"NE | 950         | 625,375.514500  | 2,525,924.265900 |
| 950 - 951 | 115.75                | 07°54'38"NW | 951         | 625,359.583200  | 2,526,038.918500 |
| 951 - 952 | 46.71                 | 47°31'37"NE | 952         | 625,394.037700  | 2,526,070.460200 |
| 952 - 953 | 311.62                | 10°04'28"NE | 953         | 625,448.550200  | 2,526,377.277600 |
| 953 - 954 | 47.39                 | 05°33'09"NW | 954         | 625,443.964400  | 2,526,424.447800 |
| 954 - 955 | 90.38                 | 35°04'30"NE | 955         | 625,495.900200  | 2,526,498.412900 |
| 955 - 956 | 60.85                 | 00°00'00"NE | 956         | 625,495.900200  | 2,526,559.267200 |
| 956 - 957 | 59.68                 | 62°34'35"NW | 957         | 625,442.926000  | 2,526,586.753800 |
| 957 - 958 | 26.67                 | 00°21'59"NW | 958         | 625,442.755400  | 2,526,613.419200 |
| 958 - 959 | 83.96                 | 58°36'01"NE | 959         | 625,514.421100  | 2,526,657.163200 |
| 959 - 960 | 60.98                 | 03°43'52"NE | 960         | 625,518.389800  | 2,526,718.017500 |
| 960 - 961 | 48.15                 | 37°11'05"NW | 961         | 625,489.285600  | 2,526,756.382100 |
| 961 - 962 | 37.77                 | 52°31'26"SW | 962         | 625,459.310100  | 2,526,733.401000 |
| 962 - 963 | 15.69                 | 70°49'16"NW | 963         | 625,444.493300  | 2,526,738.554600 |
| 963 - 964 | 7.56                  | 19°58'58"NW | 964         | 625,441.909400  | 2,526,745.660400 |
| 964 - 965 | 7.92                  | 19°58'58"NW | 965         | 625,439.201700  | 2,526,753.106700 |
| 965 - 966 | 11.29                 | 62°21'12"NE | 966         | 625,449.204000  | 2,526,758.346100 |
| 966 - 967 | 20.07                 | 62°21'14"NE | 967         | 625,466.983000  | 2,526,767.658900 |
| 967 - 968 | 16.15                 | 34°59'30"NE | 968         | 625,476.243400  | 2,526,780.888100 |
| 968 - 969 | 10.33                 | 35°32'16"NW | 969         | 625,470.241900  | 2,526,789.290100 |
| 969 - 970 | 12.44                 | 35°32'15"NW | 970         | 625,463.014200  | 2,526,799.408900 |
| 970 - 971 | 35.99                 | 17°06'10"NE | 971         | 625,473.597600  | 2,526,833.804800 |
| 971 - 972 | 34.32                 | 62°26'49"NE | 972         | 625,504.024700  | 2,526,849.679900 |
| 972 - 973 | 21.85                 | 50°11'40"NE | 973         | 625,520.807600  | 2,526,863.665600 |
| 973 - 974 | 9.15                  | 50°11'39"NE | 974         | 625,527.837200  | 2,526,869.523600 |
| 974 - 975 | 16.23                 | 04°23'54"NW | 975         | 625,526.592300  | 2,526,885.707900 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 975 - 976   | 35.51                 | 04°23'55"NW | 976         | 625,523.868500  | 2,526,921.117500 |
| 976 - 977   | 35.79                 | 11°39'48"NE | 977         | 625,531.104200  | 2,526,956.169800 |
| 977 - 978   | 27.42                 | 52°53'44"NE | 978         | 625,552.972700  | 2,526,972.711400 |
| 978 - 979   | 75.42                 | 01°00'18"NE | 979         | 625,554.295600  | 2,527,048.117800 |
| 979 - 980   | 42.68                 | 20°12'12"NW | 980         | 625,539.556500  | 2,527,088.170300 |
| 980 - 981   | 72.52                 | 75°12'11"SW | 981         | 625,469.441800  | 2,527,069.649400 |
| 981 - 982   | 109.53                | 20°33'21"NW | 982         | 625,430.984600  | 2,527,172.202000 |
| 982 - 983   | 23.14                 | 35°42'43"NE | 983         | 625,444.493300  | 2,527,190.993000 |
| 983 - 984   | 22.49                 | 00°00'00"NE | 984         | 625,444.493300  | 2,527,213.482700 |
| 984 - 985   | 13.30                 | 05°42'37"NW | 985         | 625,443.170400  | 2,527,226.711900 |
| 985 - 986   | 27.19                 | 42°30'37"NW | 986         | 625,424.798700  | 2,527,246.753700 |
| 986 - 987   | 15.88                 | 42°30'37"NW | 987         | 625,414.066200  | 2,527,258.461900 |
| 987 - 988   | 42.33                 | 00°00'00"NE | 988         | 625,414.066200  | 2,527,300.795300 |
| 988 - 989   | 48.84                 | 10°42'23"NE | 989         | 625,423.139600  | 2,527,348.785400 |
| 989 - 990   | 50.64                 | 70°08'41"NE | 990         | 625,470.764700  | 2,527,365.983400 |
| 990 - 991   | 51.43                 | 34°44'35"NW | 991         | 625,441.453900  | 2,527,408.245400 |
| 991 - 992   | 36.41                 | 45°42'26"SW | 992         | 625,415.389100  | 2,527,382.816300 |
| 992 - 993   | 18.38                 | 30°15'22"NW | 993         | 625,406.128700  | 2,527,398.691400 |
| 993 - 994   | 28.40                 | 27°45'31"NE | 994         | 625,419.357900  | 2,527,423.826800 |
| 994 - 995   | 14.64                 | 04°34'25"NE | 995         | 625,420.525400  | 2,527,438.421400 |
| 995 - 996   | 18.54                 | 04°34'26"NE | 996         | 625,422.003700  | 2,527,456.899800 |
| 996 - 997   | 44.35                 | 50°06'04"NW | 997         | 625,387.981300  | 2,527,485.345600 |
| 997 - 998   | 54.37                 | 34°44'35"NW | 998         | 625,356.993700  | 2,527,530.025400 |
| 998 - 999   | 23.85                 | 70°33'36"NW | 999         | 625,334.504000  | 2,527,537.962900 |
| 999 - 1000  | 95.43                 | 14°49'05"SW | 1000        | 625,310.097000  | 2,527,445.704300 |
| 1000 - 1001 | 10.43                 | 64°28'46"SW | 1001        | 625,300.682500  | 2,527,441.209700 |
| 1001 - 1002 | 0.43                  | 64°29'08"SW | 1002        | 625,300.295100  | 2,527,441.024800 |
| 1002 - 1003 | 40.37                 | 20°54'50"NW | 1003        | 625,285.884700  | 2,527,478.734400 |
| 1003 - 1004 | 113.55                | 03°22'56"NE | 1004        | 625,292.584000  | 2,527,592.083000 |
| 1004 - 1005 | 51.12                 | 16°14'47"NE | 1005        | 625,306.885800  | 2,527,641.161500 |
| 1005 - 1006 | 35.96                 | 61°26'55"NE | 1006        | 625,338.472800  | 2,527,658.348500 |
| 1006 - 1007 | 117.69                | 23°16'03"NE | 1007        | 625,384.962000  | 2,527,766.462900 |
| 1007 - 1008 | 31.51                 | 33°41'23"NE | 1008        | 625,402.440600  | 2,527,792.680900 |
| 1008 - 1009 | 30.50                 | 33°41'24"NE | 1009        | 625,419.357900  | 2,527,818.056800 |
| 1009 - 1010 | 36.40                 | 70°54'23"NE | 1010        | 625,453.753800  | 2,527,829.963100 |
| 1010 - 1011 | 72.80                 | 52°56'36"NE | 1011        | 625,511.848600  | 2,527,873.830600 |
| 1011 - 1012 | 8.43                  | 52°56'36"NE | 1012        | 625,518.576800  | 2,527,878.911100 |
| 1012 - 1013 | 8.75                  | 71°50'03"NE | 1013        | 625,526.892600  | 2,527,881.639700 |
| 1013 - 1014 | 80.36                 | 71°50'02"NE | 1014        | 625,603.243600  | 2,527,906.692400 |
| 1014 - 1015 | 88.86                 | 84°39'10"NE | 1015        | 625,691.714300  | 2,527,914.972800 |
| 1015 - 1016 | 57.64                 | 10°25'40"NE | 1016        | 625,702.147700  | 2,527,971.664700 |
| 1016 - 1017 | 14.77                 | 37°15'58"NW | 1017        | 625,693.202200  | 2,527,983.421700 |
| 1017 - 1018 | 35.62                 | 15°04'06"NE | 1018        | 625,702.462600  | 2,528,017.817600 |
| 1018 - 1019 | 50.92                 | 19°31'04"NE | 1019        | 625,719.473600  | 2,528,065.807700 |
| 1019 - 1020 | 31.22                 | 88°29'33"NW | 1020        | 625,688.267600  | 2,528,066.628900 |
| 1020 - 1021 | 22.79                 | 09°14'07"NW | 1021        | 625,684.609800  | 2,528,089.124500 |
| 1021 - 1022 | 50.92                 | 08°12'25"NE | 1022        | 625,691.879200  | 2,528,139.526200 |
| 1022 - 1023 | 25.45                 | 27°53'49"NW | 1023        | 625,679.973000  | 2,528,162.015800 |
| 1023 - 1024 | 7.32                  | 85°54'50"NW | 1024        | 625,672.672700  | 2,528,162.537300 |
| 1024 - 1025 | 11.25                 | 85°54'53"NW | 1025        | 625,661.452100  | 2,528,163.338700 |
| 1025 - 1026 | 23.85                 | 03°10'47"NW | 1026        | 625,660.129200  | 2,528,187.151300 |
| 1026 - 1027 | 12.72                 | 32°16'32"NE | 1027        | 625,666.921700  | 2,528,197.906100 |
| 1027 - 1028 | 17.01                 | 32°16'31"NE | 1028        | 625,676.004200  | 2,528,212.286800 |
| 1028 - 1029 | 14.50                 | 60°15'19"NW | 1029        | 625,663.413500  | 2,528,219.481400 |
| 1029 - 1030 | 4.97                  | 60°15'17"NW | 1030        | 625,659.099800  | 2,528,221.946400 |
| 1030 - 1031 | 1.86                  | 60°15'19"NW | 1031        | 625,657.483300  | 2,528,222.870100 |
| 1031 - 1032 | 17.90                 | 47°42'12"SW | 1032        | 625,644.241000  | 2,528,210.822000 |
| 1032 - 1033 | 88.49                 | 83°17'24"NW | 1033        | 625,556.354900  | 2,528,221.161500 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1033 - 1034 | 16.21                 | 61°29'07"NW | 1034        | 625,542.108500  | 2,528,228.901400 |
| 1034 - 1035 | 49.84                 | 60°29'18"SW | 1035        | 625,498.733000  | 2,528,204.349200 |
| 1035 - 1036 | 10.91                 | 75°57'48"NW | 1036        | 625,488.149700  | 2,528,206.995100 |
| 1036 - 1037 | 45.49                 | 20°10'26"NE | 1037        | 625,503.837700  | 2,528,249.693500 |
| 1037 - 1038 | 115.06                | 17°23'35"NE | 1038        | 625,538.233600  | 2,528,359.495800 |
| 1038 - 1039 | 64.88                 | 73°24'45"NE | 1039        | 625,600.410800  | 2,528,378.016600 |
| 1039 - 1040 | 37.57                 | 12°29'24"NE | 1040        | 625,608.535300  | 2,528,414.693400 |
| 1040 - 1041 | 43.07                 | 47°29'22"NE | 1041        | 625,640.285400  | 2,528,443.797600 |
| 1041 - 1042 | 65.83                 | 34°56'08"NE | 1042        | 625,677.982200  | 2,528,497.762800 |
| 1042 - 1043 | 73.15                 | 56°24'21"NE | 1043        | 625,738.912600  | 2,528,538.235600 |
| 1043 - 1044 | 17.33                 | 16°14'40"NE | 1044        | 625,743.760600  | 2,528,554.874200 |
| 1044 - 1045 | 177.63                | 16°14'40"NE | 1045        | 625,793.449600  | 2,528,725.410400 |
| 1045 - 1046 | 248.61                | 02°22'23"NW | 1046        | 625,783.155500  | 2,528,973.806900 |
| 1046 - 1047 | 337.35                | 12°52'06"NE | 1047        | 625,858.288600  | 2,529,302.684300 |
| 1047 - 1048 | 138.23                | 09°59'49"NW | 1048        | 625,834.292300  | 2,529,438.816100 |
| 1048 - 1049 | 127.91                | 09°59'49"NW | 1049        | 625,812.086800  | 2,529,564.788500 |
| 1049 - 1050 | 109.81                | 04°29'04"NE | 1050        | 625,820.672900  | 2,529,674.261700 |
| 1050 - 1051 | 32.23                 | 20°03'21"NW | 1051        | 625,809.619100  | 2,529,704.539700 |
| 1051 - 1052 | 30.23                 | 23°11'55"NW | 1052        | 625,797.712800  | 2,529,732.321000 |
| 1052 - 1053 | 51.90                 | 09°00'44"NW | 1053        | 625,789.582600  | 2,529,783.582000 |
| 1053 - 1054 | 104.04                | 07°08'16"NE | 1054        | 625,802.510100  | 2,529,886.811400 |
| 1054 - 1055 | 59.12                 | 14°44'36"NE | 1055        | 625,817.556600  | 2,529,943.988100 |
| 1055 - 1056 | 35.60                 | 25°33'35"NE | 1056        | 625,832.917400  | 2,529,976.106200 |
| 1056 - 1057 | 31.85                 | 25°33'35"NE | 1057        | 625,846.660800  | 2,530,004.842400 |
| 1057 - 1058 | 61.27                 | 57°01'58"NE | 1058        | 625,898.063300  | 2,530,038.181600 |
| 1058 - 1059 | 124.50                | 46°22'57"NE | 1059        | 625,988.198700  | 2,530,124.068600 |
| 1059 - 1060 | 42.54                 | 52°47'18"NE | 1060        | 626,022.074100  | 2,530,149.792200 |
| 1060 - 1061 | 27.06                 | 85°59'08"NE | 1061        | 626,049.067500  | 2,530,151.686500 |
| 1061 - 1062 | 28.31                 | 37°24'19"NE | 1062        | 626,066.265400  | 2,530,174.176100 |
| 1062 - 1063 | 85.36                 | 47°52'43"NE | 1063        | 626,129.578500  | 2,530,231.426600 |
| 1063 - 1064 | 143.67                | 14°22'12"NE | 1064        | 626,165.234400  | 2,530,370.598300 |
| 1064 - 1065 | 169.03                | 00°51'41"NE | 1065        | 626,167.776000  | 2,530,539.610900 |
| 1065 - 1066 | 49.58                 | 11°10'54"NE | 1066        | 626,177.390600  | 2,530,588.249800 |
| 1066 - 1067 | 66.26                 | 03°26'01"NE | 1067        | 626,181.359400  | 2,530,654.395800 |
| 1067 - 1068 | 31.81                 | 16°55'38"NE | 1068        | 626,190.619800  | 2,530,684.822900 |
| 1068 - 1069 | 39.80                 | 15°25'19"NE | 1069        | 626,201.203200  | 2,530,723.187600 |
| 1069 - 1070 | 0.18                  | 26°53'01"NW | 1070        | 626,201.119600  | 2,530,723.352500 |
| 1070 - 1071 | 46.99                 | 26°52'33"NW | 1071        | 626,179.879400  | 2,530,765.262800 |
| 1071 - 1072 | 26.49                 | 52°28'45"NW | 1072        | 626,158.869800  | 2,530,781.396100 |
| 1072 - 1073 | 23.42                 | 26°33'54"NW | 1073        | 626,148.396400  | 2,530,802.342800 |
| 1073 - 1074 | 50.53                 | 26°33'54"NW | 1074        | 626,125.796800  | 2,530,847.542000 |
| 1074 - 1075 | 142.87                | 12°23'57"NW | 1075        | 626,095.119700  | 2,530,987.078700 |
| 1075 - 1076 | 195.86                | 00°18'47"NE | 1076        | 626,096.189900  | 2,531,182.933000 |
| 1076 - 1077 | 114.85                | 17°35'32"NE | 1077        | 626,130.901500  | 2,531,292.407900 |
| 1077 - 1078 | 72.48                 | 03°10'47"NE | 1078        | 626,134.922000  | 2,531,364.776900 |
| 1078 - 1079 | 14.26                 | 33°10'43"NW | 1079        | 626,127.119700  | 2,531,376.709700 |
| 1079 - 1080 | 47.70                 | 03°10'47"NW | 1080        | 626,124.473900  | 2,531,424.334800 |
| 1080 - 1081 | 75.70                 | 05°00'47"NW | 1081        | 626,117.859300  | 2,531,499.741200 |
| 1081 - 1082 | 47.79                 | 04°45'48"NE | 1082        | 626,121.828000  | 2,531,547.366300 |
| 1082 - 1083 | 132.28                | 17°37'41"NE | 1083        | 626,161.888600  | 2,531,673.437100 |
| 1083 - 1084 | 22.00                 | 27°23'32"NE | 1084        | 626,172.010600  | 2,531,692.970700 |
| 1084 - 1085 | 161.96                | 45°14'08"NE | 1085        | 626,287.005900  | 2,531,807.023500 |
| 1085 - 1086 | 62.40                 | 32°00'19"NE | 1086        | 626,320.078900  | 2,531,859.940300 |
| 1086 - 1087 | 106.43                | 06°52'54"NE | 1087        | 626,332.831900  | 2,531,965.608000 |
| 1087 - 1088 | 44.30                 | 61°45'12"NE | 1088        | 626,371.859800  | 2,531,986.575500 |
| 1088 - 1089 | 37.91                 | 29°14'55"NE | 1089        | 626,390.380600  | 2,532,019.648500 |
| 1089 - 1090 | 67.74                 | 39°54'58"NE | 1090        | 626,433.850000  | 2,532,071.607400 |
| 1090 - 1091 | 139.13                | 04°43'03"NE | 1091        | 626,445.293000  | 2,532,210.270000 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1091 - 1092 | 134.31                | 04°43'03"NE | 1092        | 626,456.339600  | 2,532,344.128700 |
| 1092 - 1093 | 80.54                 | 14°15'52"NW | 1093        | 626,436.495800  | 2,532,422.181000 |
| 1093 - 1094 | 128.98                | 10°02'31"NE | 1094        | 626,458.985500  | 2,532,549.181200 |
| 1094 - 1095 | 42.52                 | 09°12'19"NE | 1095        | 626,465.787000  | 2,532,591.149700 |
| 1095 - 1096 | 44.04                 | 32°44'06"NW | 1096        | 626,441.974500  | 2,532,628.191400 |
| 1096 - 1097 | 29.37                 | 07°45'54"NW | 1097        | 626,438.005700  | 2,532,657.295600 |
| 1097 - 1098 | 32.00                 | 29°44'41"NE | 1098        | 626,453.880800  | 2,532,685.076900 |
| 1098 - 1099 | 22.53                 | 49°45'48"NW | 1099        | 626,436.682800  | 2,532,699.629100 |
| 1099 - 1100 | 36.49                 | 43°31'52"SW | 1100        | 626,411.547300  | 2,532,673.170700 |
| 1100 - 1101 | 34.42                 | 02°12'09"SE | 1101        | 626,412.870300  | 2,532,638.774800 |
| 1101 - 1102 | 29.01                 | 24°13'39"SE | 1102        | 626,424.776500  | 2,532,612.316400 |
| 1102 - 1103 | 3.90                  | 90°00'00"NW | 1103        | 626,420.878900  | 2,532,612.316400 |
| 1103 - 1104 | 12.27                 | 77°32'36"NW | 1104        | 626,408.901500  | 2,532,614.962200 |
| 1104 - 1105 | 104.10                | 26°12'59"NW | 1105        | 626,362.913100  | 2,532,708.354400 |
| 1105 - 1106 | 127.44                | 13°15'20"NW | 1106        | 626,333.691400  | 2,532,832.400100 |
| 1106 - 1107 | 98.30                 | 14°35'01"NE | 1107        | 626,358.443600  | 2,532,927.536200 |
| 1107 - 1108 | 14.75                 | 41°38'01"NE | 1108        | 626,368.242500  | 2,532,938.559900 |
| 1108 - 1109 | 39.12                 | 06°20'24"NW | 1109        | 626,363.922300  | 2,532,977.442100 |
| 1109 - 1110 | 40.84                 | 24°54'16"NE | 1110        | 626,381.120200  | 2,533,014.483900 |
| 1110 - 1111 | 29.64                 | 60°08'35"NE | 1111        | 626,406.825700  | 2,533,029.239500 |
| 1111 - 1112 | 81.33                 | 06°08'13"NW | 1112        | 626,398.131200  | 2,533,110.099000 |
| 1112 - 1113 | 100.28                | 59°02'10"NW | 1113        | 626,312.141400  | 2,533,161.692900 |
| 1113 - 1114 | 50.43                 | 85°29'09"NW | 1114        | 626,261.870500  | 2,533,165.661600 |
| 1114 - 1115 | 52.07                 | 27°12'57"SE | 1115        | 626,285.683000  | 2,533,119.359500 |
| 1115 - 1116 | 23.14                 | 59°02'10"SW | 1116        | 626,265.839200  | 2,533,107.453200 |
| 1116 - 1117 | 235.30                | 31°54'10"NW | 1117        | 626,141.484800  | 2,533,307.214000 |
| 1117 - 1118 | 36.51                 | 69°21'44"SW | 1118        | 626,107.319700  | 2,533,294.346600 |
| 1118 - 1119 | 24.45                 | 26°06'23"NW | 1119        | 626,096.562200  | 2,533,316.299000 |
| 1119 - 1120 | 90.63                 | 07°32'44"NE | 1120        | 626,108.463200  | 2,533,406.141500 |
| 1120 - 1121 | 19.70                 | 42°42'33"NE | 1121        | 626,121.828000  | 2,533,420.620100 |
| 1121 - 1122 | 105.19                | 06°29'57"NE | 1122        | 626,133.734300  | 2,533,525.130700 |
| 1122 - 1123 | 105.59                | 33°13'57"NE | 1123        | 626,191.601300  | 2,533,613.450500 |
| 1123 - 1124 | 129.07                | 63°55'45"NE | 1124        | 626,307.542700  | 2,533,670.176000 |
| 1124 - 1125 | 21.65                 | 63°16'31"NE | 1125        | 626,326.880500  | 2,533,679.912300 |
| 1125 - 1126 | 48.28                 | 09°27'44"NE | 1126        | 626,334.818000  | 2,533,727.537400 |
| 1126 - 1127 | 27.14                 | 43°01'30"NE | 1127        | 626,353.338900  | 2,533,747.381200 |
| 1127 - 1128 | 47.42                 | 67°00'40"SE | 1128        | 626,396.995200  | 2,533,728.860300 |
| 1128 - 1129 | 65.15                 | 77°05'33"NE | 1129        | 626,460.495400  | 2,533,743.412400 |
| 1129 - 1130 | 34.73                 | 17°44'40"NE | 1130        | 626,471.078700  | 2,533,776.485400 |
| 1130 - 1131 | 16.94                 | 51°20'25"NW | 1131        | 626,457.849500  | 2,533,787.068700 |
| 1131 - 1132 | 23.55                 | 51°50'33"NW | 1132        | 626,439.328700  | 2,533,801.620800 |
| 1132 - 1133 | 16.09                 | 09°27'43"NE | 1133        | 626,441.974500  | 2,533,817.495900 |
| 1133 - 1134 | 44.92                 | 76°22'23"NW | 1134        | 626,398.318200  | 2,533,828.079200 |
| 1134 - 1135 | 21.70                 | 52°25'53"SW | 1135        | 626,381.120200  | 2,533,814.850000 |
| 1135 - 1136 | 25.27                 | 47°07'16"SW | 1136        | 626,362.599300  | 2,533,797.652100 |
| 1136 - 1137 | 15.08                 | 37°52'29"NW | 1137        | 626,353.338900  | 2,533,809.558400 |
| 1137 - 1138 | 1.90                  | 10°47'02"NE | 1138        | 626,353.694700  | 2,533,811.426400 |
| 1138 - 1139 | 54.66                 | 10°47'03"NE | 1139        | 626,363.922300  | 2,533,865.121000 |
| 1139 - 1140 | 31.32                 | 38°01'37"NE | 1140        | 626,383.216800  | 2,533,889.792800 |
| 1140 - 1141 | 38.69                 | 20°38'31"NE | 1141        | 626,396.857400  | 2,533,926.002000 |
| 1141 - 1142 | 118.30                | 20°38'32"NE | 1142        | 626,438.563500  | 2,534,036.710900 |
| 1142 - 1143 | 60.23                 | 05°46'18"NE | 1143        | 626,444.620300  | 2,534,096.631900 |
| 1143 - 1144 | 58.12                 | 11°49'17"NW | 1144        | 626,432.714100  | 2,534,153.517400 |
| 1144 - 1145 | 62.44                 | 22°15'29"NW | 1145        | 626,409.064500  | 2,534,211.301300 |
| 1145 - 1146 | 152.69                | 06°50'05"NE | 1146        | 626,427.235400  | 2,534,362.903600 |
| 1146 - 1147 | 88.25                 | 49°51'52"NW | 1147        | 626,359.766500  | 2,534,419.789100 |
| 1147 - 1148 | 106.14                | 10°02'57"NE | 1148        | 626,378.287400  | 2,534,524.299800 |
| 1148 - 1149 | 38.91                 | 35°18'40"NE | 1149        | 626,400.777000  | 2,534,556.049800 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1149 - 1150 | 141.63                | 08°03'15"NW | 1150        | 626,380.933200  | 2,534,696.279300 |
| 1150 - 1151 | 68.10                 | 65°55'28"NW | 1151        | 626,318.756000  | 2,534,724.060600 |
| 1151 - 1152 | 39.18                 | 78°18'38"SW | 1152        | 626,280.391400  | 2,534,716.123100 |
| 1152 - 1153 | 34.18                 | 32°34'57"SW | 1153        | 626,261.986900  | 2,534,687.325600 |
| 1153 - 1154 | 19.40                 | 54°32'36"SW | 1154        | 626,246.182400  | 2,534,676.070500 |
| 1154 - 1155 | 17.40                 | 08°44'45"SW | 1155        | 626,243.536600  | 2,534,658.872600 |
| 1155 - 1156 | 0.37                  | 04°23'59"SE | 1156        | 626,243.565200  | 2,534,658.500900 |
| 1156 - 1157 | 16.88                 | 04°23'54"SE | 1157        | 626,244.859500  | 2,534,641.674600 |
| 1157 - 1158 | 20.66                 | 39°48'20"SW | 1158        | 626,231.630300  | 2,534,625.799600 |
| 1158 - 1159 | 12.20                 | 77°28'17"NW | 1159        | 626,219.724000  | 2,534,628.445400 |
| 1159 - 1160 | 59.69                 | 19°03'37"NW | 1160        | 626,200.232100  | 2,534,684.861000 |
| 1160 - 1161 | 93.71                 | 01°27'38"NE | 1161        | 626,202.621200  | 2,534,778.545300 |
| 1161 - 1162 | 35.76                 | 33°31'03"NE | 1162        | 626,222.369900  | 2,534,808.362400 |
| 1162 - 1163 | 216.96                | 00°20'57"NW | 1163        | 626,221.047000  | 2,535,025.321200 |
| 1163 - 1164 | 43.00                 | 15°48'51"NE | 1164        | 626,232.766300  | 2,535,066.696700 |
| 1164 - 1165 | 121.88                | 17°47'09"NE | 1165        | 626,269.995000  | 2,535,182.748600 |
| 1165 - 1166 | 48.79                 | 40°36'04"NW | 1166        | 626,238.244900  | 2,535,219.790300 |
| 1166 - 1167 | 37.45                 | 44°42'26"NW | 1167        | 626,211.896300  | 2,535,246.409500 |
| 1167 - 1168 | 88.82                 | 17°22'03"NW | 1168        | 626,185.382800  | 2,535,331.181500 |
| 1168 - 1169 | 257.98                | 02°39'26"NW | 1169        | 626,173.421900  | 2,535,588.884800 |
| 1169 - 1170 | 79.17                 | 09°37'11"NW | 1170        | 626,160.192700  | 2,535,666.937100 |
| 1170 - 1171 | 129.00                | 05°53'09"NW | 1171        | 626,146.963500  | 2,535,795.260200 |
| 1171 - 1172 | 53.87                 | 24°40'36"NE | 1172        | 626,169.453100  | 2,535,844.208300 |
| 1172 - 1173 | 42.35                 | 51°20'24"SE | 1173        | 626,202.526100  | 2,535,817.749900 |
| 1173 - 1174 | 31.36                 | 62°21'14"SE | 1174        | 626,230.307400  | 2,535,803.197800 |
| 1174 - 1175 | 68.02                 | 13°29'44"NW | 1175        | 626,214.432400  | 2,535,869.343700 |
| 1175 - 1176 | 26.98                 | 11°18'35"NE | 1176        | 626,219.724000  | 2,535,895.802100 |
| 1176 - 1177 | 33.88                 | 38°39'35"NE | 1177        | 626,240.890800  | 2,535,922.260500 |
| 1177 - 1178 | 73.93                 | 44°37'57"NW | 1178        | 626,188.950400  | 2,535,974.871500 |
| 1178 - 1179 | 10.32                 | 15°46'26"NE | 1179        | 626,191.755800  | 2,535,984.802700 |
| 1179 - 1180 | 58.57                 | 18°26'05"NW | 1180        | 626,173.234900  | 2,536,040.365300 |
| 1180 - 1181 | 85.17                 | 46°53'17"NW | 1181        | 626,111.057700  | 2,536,098.573700 |
| 1181 - 1182 | 23.17                 | 58°01'28"SW | 1182        | 626,091.400900  | 2,536,086.302500 |
| 1182 - 1183 | 42.85                 | 81°07'09"SW | 1183        | 626,049.067500  | 2,536,079.687900 |
| 1183 - 1184 | 3.46                  | 60°15'21"NW | 1184        | 626,046.062300  | 2,536,081.405100 |
| 1184 - 1185 | 15.35                 | 60°15'18"NW | 1185        | 626,032.734000  | 2,536,089.021300 |
| 1185 - 1186 | 23.85                 | 60°15'18"NW | 1186        | 626,012.025700  | 2,536,100.854600 |
| 1186 - 1187 | 49.42                 | 01°24'50"NE | 1187        | 626,013.245200  | 2,536,150.257500 |
| 1187 - 1188 | 100.79                | 26°14'39"NE | 1188        | 626,057.813400  | 2,536,240.655800 |
| 1188 - 1189 | 65.82                 | 51°29'57"NE | 1189        | 626,109.325400  | 2,536,281.631400 |
| 1189 - 1190 | 376.20                | 60°53'19"NE | 1190        | 626,438.005700  | 2,536,464.657400 |
| 1190 - 1191 | 35.18                 | 28°55'05"NE | 1191        | 626,455.016700  | 2,536,495.449500 |
| 1191 - 1192 | 95.26                 | 00°47'44"NE | 1192        | 626,456.339600  | 2,536,590.699700 |
| 1192 - 1193 | 50.64                 | 33°16'29"NW | 1193        | 626,428.558300  | 2,536,633.033200 |
| 1193 - 1194 | 52.44                 | 55°01'12"SW | 1194        | 626,385.588700  | 2,536,602.968200 |
| 1194 - 1195 | 10.86                 | 70°05'10"SW | 1195        | 626,375.378300  | 2,536,599.269300 |
| 1195 - 1196 | 15.71                 | 79°05'42"NW | 1196        | 626,359.953500  | 2,536,602.241000 |
| 1196 - 1197 | 18.57                 | 85°54'52"SW | 1197        | 626,341.432600  | 2,536,600.918100 |
| 1197 - 1198 | 20.66                 | 39°48'20"SW | 1198        | 626,328.203400  | 2,536,585.043100 |
| 1198 - 1199 | 12.13                 | 57°15'51"SW | 1199        | 626,317.996000  | 2,536,578.481100 |
| 1199 - 1200 | 31.90                 | 57°15'53"SW | 1200        | 626,291.161700  | 2,536,561.230500 |
| 1200 - 1201 | 19.26                 | 74°03'16"NW | 1201        | 626,272.640800  | 2,536,566.522200 |
| 1201 - 1202 | 21.53                 | 55°58'50"NW | 1202        | 626,254.797500  | 2,536,578.566400 |
| 1202 - 1203 | 42.32                 | 55°58'50"NW | 1203        | 626,219.724000  | 2,536,602.241000 |
| 1203 - 1204 | 10.99                 | 45°00'00"SW | 1204        | 626,211.954800  | 2,536,594.471800 |
| 1204 - 1205 | 7.72                  | 44°59'58"SW | 1205        | 626,206.494900  | 2,536,589.011800 |
| 1205 - 1206 | 36.34                 | 58°29'44"NW | 1206        | 626,175.512400  | 2,536,608.001100 |
| 1206 - 1207 | 59.86                 | 58°29'44"NW | 1207        | 626,124.473900  | 2,536,639.282800 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1207 - 1208 | 24.23                 | 81°52'11"SW | 1208        | 626,100.483600  | 2,536,635.855600 |
| 1208 - 1209 | 3.83                  | 81°52'10"SW | 1209        | 626,096.692600  | 2,536,635.314000 |
| 1209 - 1210 | 35.30                 | 77°00'19"NW | 1210        | 626,062.296600  | 2,536,643.251500 |
| 1210 - 1211 | 6.55                  | 06°20'24"NE | 1211        | 626,063.020200  | 2,536,649.763900 |
| 1211 - 1212 | 17.41                 | 06°20'25"NE | 1212        | 626,064.942500  | 2,536,667.064100 |
| 1212 - 1213 | 38.93                 | 80°13'03"NW | 1213        | 626,026.577800  | 2,536,673.678700 |
| 1213 - 1214 | 10.77                 | 60°15'17"SW | 1214        | 626,017.223600  | 2,536,668.333400 |
| 1214 - 1215 | 10.56                 | 60°15'17"SW | 1215        | 626,008.057000  | 2,536,663.095300 |
| 1215 - 1216 | 54.29                 | 43°01'30"NW | 1216        | 625,971.015200  | 2,536,702.782900 |
| 1216 - 1217 | 34.93                 | 37°18'14"NW | 1217        | 625,949.848500  | 2,536,730.564200 |
| 1217 - 1218 | 77.05                 | 15°56'43"NW | 1218        | 625,928.681800  | 2,536,804.647700 |
| 1218 - 1219 | 68.84                 | 02°12'09"NE | 1219        | 625,931.327600  | 2,536,873.439500 |
| 1219 - 1220 | 153.42                | 26°25'14"NE | 1220        | 625,999.595300  | 2,537,010.838900 |
| 1220 - 1221 | 41.09                 | 26°25'14"NE | 1221        | 626,017.877200  | 2,537,047.634200 |
| 1221 - 1222 | 40.37                 | 26°25'14"NE | 1222        | 626,035.838300  | 2,537,083.783700 |
| 1222 - 1223 | 53.01                 | 57°40'49"NE | 1223        | 626,080.633700  | 2,537,112.123600 |
| 1223 - 1224 | 23.70                 | 57°40'48"NE | 1224        | 626,100.661300  | 2,537,124.794200 |
| 1224 - 1225 | 95.87                 | 39°24'02"NE | 1225        | 626,161.515600  | 2,537,198.877600 |
| 1225 - 1226 | 20.97                 | 17°21'14"NW | 1226        | 626,155.259700  | 2,537,218.896600 |
| 1226 - 1227 | 207.30                | 22°19'54"NE | 1227        | 626,234.026200  | 2,537,410.645800 |
| 1227 - 1228 | 20.17                 | 39°38'39"NE | 1228        | 626,246.896700  | 2,537,426.179100 |
| 1228 - 1229 | 51.98                 | 39°38'38"NE | 1229        | 626,280.063800  | 2,537,466.208400 |
| 1229 - 1230 | 194.10                | 62°37'12"NE | 1230        | 626,452.420300  | 2,537,555.473000 |
| 1230 - 1231 | 29.68                 | 38°56'59"NE | 1231        | 626,471.078700  | 2,537,578.555500 |
| 1231 - 1232 | 16.36                 | 14°02'09"NW | 1232        | 626,467.110000  | 2,537,594.430500 |
| 1232 - 1233 | 21.14                 | 68°50'19"NW | 1233        | 626,447.390900  | 2,537,602.063700 |
| 1233 - 1234 | 22.70                 | 06°09'40"NW | 1234        | 626,444.954800  | 2,537,624.631000 |
| 1234 - 1235 | 32.00                 | 37°34'06"NE | 1235        | 626,464.464100  | 2,537,649.993100 |
| 1235 - 1236 | 17.99                 | 17°06'09"NW | 1236        | 626,459.172400  | 2,537,667.191100 |
| 1236 - 1237 | 23.85                 | 56°18'35"NW | 1237        | 626,439.328700  | 2,537,680.420300 |
| 1237 - 1238 | 43.37                 | 06°40'53"NW | 1238        | 626,434.282700  | 2,537,723.494200 |
| 1238 - 1239 | 90.90                 | 06°09'40"NW | 1239        | 626,424.526600  | 2,537,813.871600 |
| 1239 - 1240 | 79.93                 | 10°32'09"NE | 1240        | 626,439.141700  | 2,537,892.452300 |
| 1240 - 1241 | 35.99                 | 36°01'38"NE | 1241        | 626,460.308400  | 2,537,921.556600 |
| 1241 - 1242 | 50.55                 | 06°00'32"NW | 1242        | 626,455.016700  | 2,537,971.827500 |
| 1242 - 1243 | 49.09                 | 83°22'57"SW | 1243        | 626,406.255700  | 2,537,966.170800 |
| 1243 - 1244 | 11.83                 | 26°33'54"NW | 1244        | 626,400.964000  | 2,537,976.754200 |
| 1244 - 1245 | 4.08                  | 28°53'09"NW | 1245        | 626,398.994500  | 2,537,980.324000 |
| 1245 - 1246 | 39.74                 | 28°53'11"NW | 1246        | 626,379.797300  | 2,538,015.118900 |
| 1246 - 1247 | 29.99                 | 48°34'35"NW | 1247        | 626,357.307700  | 2,538,034.962600 |
| 1247 - 1248 | 3.81                  | 80°16'23"SW | 1248        | 626,353.551900  | 2,538,034.318800 |
| 1248 - 1249 | 43.17                 | 80°16'20"SW | 1249        | 626,311.005500  | 2,538,027.025100 |
| 1249 - 1250 | 36.70                 | 87°50'20"SW | 1250        | 626,274.327700  | 2,538,025.641100 |
| 1250 - 1251 | 33.46                 | 87°50'19"SW | 1251        | 626,240.890800  | 2,538,024.379300 |
| 1251 - 1252 | 35.04                 | 67°03'27"SW | 1252        | 626,208.626200  | 2,538,010.722000 |
| 1252 - 1253 | 28.35                 | 42°59'08"SW | 1253        | 626,189.296900  | 2,537,989.983400 |
| 1253 - 1254 | 34.31                 | 23°25'43"SW | 1254        | 626,175.654100  | 2,537,958.500000 |
| 1254 - 1255 | 8.94                  | 23°25'42"SW | 1255        | 626,172.099000  | 2,537,950.295800 |
| 1255 - 1256 | 14.61                 | 84°48'20"NW | 1256        | 626,157.546800  | 2,537,951.618700 |
| 1256 - 1257 | 15.43                 | 30°57'49"NW | 1257        | 626,149.609300  | 2,537,964.847900 |
| 1257 - 1258 | 71.49                 | 02°07'15"NW | 1258        | 626,146.963500  | 2,538,036.285600 |
| 1258 - 1259 | 43.33                 | 12°20'20"NE | 1259        | 626,156.223900  | 2,538,078.619000 |
| 1259 - 1260 | 69.81                 | 27°03'02"NE | 1260        | 626,187.974000  | 2,538,140.796200 |
| 1260 - 1261 | 41.65                 | 39°42'35"NE | 1261        | 626,214.587400  | 2,538,172.840900 |
| 1261 - 1262 | 59.81                 | 39°42'35"NE | 1262        | 626,252.797000  | 2,538,218.848400 |
| 1262 - 1263 | 29.15                 | 02°07'16"NE | 1263        | 626,253.875900  | 2,538,247.977400 |
| 1263 - 1264 | 56.52                 | 27°36'17"NE | 1264        | 626,280.063800  | 2,538,298.060000 |
| 1264 - 1265 | 72.25                 | 59°53'23"NE | 1265        | 626,342.568600  | 2,538,334.307400 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1265 - 1266 | 95.26                 | 27°16'36"NE | 1266        | 626,386.224900  | 2,538,418.974200 |
| 1266 - 1267 | 57.96                 | 36°18'16"NW | 1267        | 626,351.909500  | 2,538,465.681200 |
| 1267 - 1268 | 22.48                 | 36°18'15"NW | 1268        | 626,338.599800  | 2,538,483.797300 |
| 1268 - 1269 | 52.88                 | 12°03'45"NW | 1269        | 626,327.549800  | 2,538,535.505700 |
| 1269 - 1270 | 107.87                | 11°21'11"NE | 1270        | 626,348.785000  | 2,538,641.267200 |
| 1270 - 1271 | 199.84                | 19°02'10"NE | 1271        | 626,413.968000  | 2,538,830.182600 |
| 1271 - 1272 | 78.60                 | 36°17'36"NE | 1272        | 626,460.495400  | 2,538,893.537300 |
| 1272 - 1273 | 51.33                 | 61°48'06"NE | 1273        | 626,505.732600  | 2,538,917.791500 |
| 1273 - 1274 | 79.61                 | 13°51'29"NE | 1274        | 626,524.800900  | 2,538,995.084100 |
| 1274 - 1275 | 111.11                | 44°23'11"NW | 1275        | 626,447.078500  | 2,539,074.489000 |
| 1275 - 1276 | 80.24                 | 01°10'10"NW | 1276        | 626,445.440600  | 2,539,154.716600 |
| 1276 - 1277 | 78.15                 | 31°02'08"NE | 1277        | 626,485.735200  | 2,539,221.683200 |
| 1277 - 1278 | 60.31                 | 31°02'09"NE | 1278        | 626,516.831900  | 2,539,273.363400 |
| 1278 - 1279 | 72.06                 | 13°30'39"NW | 1279        | 626,499.996000  | 2,539,343.430200 |
| 1279 - 1280 | 53.25                 | 12°51'47"NE | 1280        | 626,511.850800  | 2,539,395.344200 |
| 1280 - 1281 | 207.50                | 43°53'42"NE | 1281        | 626,655.721800  | 2,539,544.874100 |
| 1281 - 1282 | 165.16                | 00°28'55"NW | 1282        | 626,654.332400  | 2,539,710.025300 |
| 1282 - 1283 | 83.02                 | 20°39'53"NE | 1283        | 626,683.629400  | 2,539,787.701300 |
| 1283 - 1284 | 91.08                 | 30°44'24"NE | 1284        | 626,730.183900  | 2,539,865.983400 |
| 1284 - 1285 | 34.17                 | 07°07'29"NW | 1285        | 626,725.945100  | 2,539,899.894200 |
| 1285 - 1286 | 29.82                 | 07°07'30"NW | 1286        | 626,722.246400  | 2,539,929.483500 |
| 1286 - 1287 | 95.48                 | 03°58'20"NW | 1287        | 626,715.631800  | 2,540,024.733700 |
| 1287 - 1288 | 37.57                 | 06°42'35"NE | 1288        | 626,720.021200  | 2,540,062.043300 |
| 1288 - 1289 | 53.01                 | 06°42'35"NE | 1289        | 626,726.215200  | 2,540,114.692200 |
| 1289 - 1290 | 105.98                | 09°41'49"NW | 1290        | 626,708.364700  | 2,540,219.154600 |
| 1290 - 1291 | 118.10                | 30°56'16"NE | 1291        | 626,769.082400  | 2,540,320.454800 |
| 1291 - 1292 | 63.76                 | 05°51'26"NW | 1292        | 626,762.575800  | 2,540,383.880900 |
| 1292 - 1293 | 29.27                 | 05°51'25"NW | 1293        | 626,759.588500  | 2,540,413.001400 |
| 1293 - 1294 | 7.54                  | 05°51'26"NW | 1294        | 626,758.819000  | 2,540,420.502200 |
| 1294 - 1295 | 2.47                  | 35°28'40"NW | 1295        | 626,757.387800  | 2,540,422.510300 |
| 1295 - 1296 | 131.46                | 35°28'40"NW | 1296        | 626,681.088700  | 2,540,529.564900 |
| 1296 - 1297 | 95.81                 | 01°29'39"NW | 1297        | 626,678.590100  | 2,540,625.339100 |
| 1297 - 1298 | 78.42                 | 40°36'04"NW | 1298        | 626,627.554900  | 2,540,684.880100 |
| 1298 - 1299 | 6.96                  | 40°36'04"NW | 1299        | 626,623.027500  | 2,540,690.162100 |
| 1299 - 1300 | 5.65                  | 07°54'49"NE | 1300        | 626,623.805400  | 2,540,695.758300 |
| 1300 - 1301 | 53.92                 | 07°54'51"NE | 1301        | 626,631.229600  | 2,540,749.164300 |
| 1301 - 1302 | 97.03                 | 64°08'01"NE | 1302        | 626,718.542200  | 2,540,791.497700 |
| 1302 - 1303 | 77.14                 | 05°54'22"NE | 1303        | 626,726.479700  | 2,540,868.227000 |
| 1303 - 1304 | 54.55                 | 22°50'01"NE | 1304        | 626,747.646500  | 2,540,918.498000 |
| 1304 - 1305 | 55.28                 | 21°02'15"NW | 1305        | 626,727.802700  | 2,540,970.091800 |
| 1305 - 1306 | 30.86                 | 30°57'49"NW | 1306        | 626,711.927600  | 2,540,996.550200 |
| 1306 - 1307 | 215.10                | 56°06'36"NW | 1307        | 626,533.370700  | 2,541,116.490000 |
| 1307 - 1308 | 142.02                | 01°04'56"NW | 1308        | 626,530.687700  | 2,541,258.488200 |
| 1308 - 1309 | 151.65                | 66°20'31"NE | 1309        | 626,669.594200  | 2,541,319.342500 |
| 1309 - 1310 | 21.90                 | 25°01'00"NE | 1310        | 626,678.854600  | 2,541,339.186300 |
| 1310 - 1311 | 35.60                 | 48°00'45"NW | 1311        | 626,652.396300  | 2,541,362.998900 |
| 1311 - 1312 | 45.68                 | 80°32'18"SW | 1312        | 626,607.339400  | 2,541,355.490100 |
| 1312 - 1313 | 83.54                 | 79°02'45"NW | 1313        | 626,525.318400  | 2,541,371.365200 |
| 1313 - 1314 | 73.35                 | 50°51'21"NW | 1314        | 626,468.432900  | 2,541,417.667300 |
| 1314 - 1315 | 56.25                 | 41°11'09"NW | 1315        | 626,431.391100  | 2,541,460.000700 |
| 1315 - 1316 | 49.23                 | 06°10'12"NW | 1316        | 626,426.099500  | 2,541,508.948800 |
| 1316 - 1317 | 42.35                 | 14°28'12"NE | 1317        | 626,436.682800  | 2,541,549.959300 |
| 1317 - 1318 | 47.33                 | 63°26'05"NE | 1318        | 626,479.016200  | 2,541,571.126000 |
| 1318 - 1319 | 54.26                 | 88°36'10"NE | 1319        | 626,533.255900  | 2,541,572.448900 |
| 1319 - 1320 | 74.47                 | 77°41'31"SE | 1320        | 626,606.016500  | 2,541,556.573900 |
| 1320 - 1321 | 76.08                 | 81°39'45"SE | 1321        | 626,681.289500  | 2,541,545.542500 |
| 1321 - 1322 | 2.04                  | 48°48'55"NE | 1322        | 626,682.823400  | 2,541,546.884600 |



| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1322 - 1323 | 63.99                 | 29°44'41"NE | 1323        | 626,714.573500  | 2,541,602.447300 |
| 1323 - 1324 | 53.96                 | 11°18'35"NW | 1324        | 626,703.990100  | 2,541,655.364000 |
| 1324 - 1325 | 34.73                 | 29°28'25"NW | 1325        | 626,686.900500  | 2,541,685.602000 |
| 1325 - 1326 | 35.96                 | 17°44'36"NW | 1326        | 626,675.940400  | 2,541,719.854900 |
| 1326 - 1327 | 88.58                 | 17°44'36"NW | 1327        | 626,648.946700  | 2,541,804.216600 |
| 1327 - 1328 | 80.66                 | 33°25'59"NW | 1328        | 626,604.506600  | 2,541,871.529000 |
| 1328 - 1329 | 96.95                 | 50°18'52"NW | 1329        | 626,529.893900  | 2,541,933.441700 |
| 1329 - 1330 | 67.39                 | 43°05'27"NW | 1330        | 626,483.856300  | 2,541,982.654300 |
| 1330 - 1331 | 564.96                | 12°49'32"NE | 1331        | 626,609.269100  | 2,542,533.517900 |
| 1331 - 1332 | 268.68                | 11°14'36"NE | 1332        | 626,661.656700  | 2,542,797.043400 |
| 1332 - 1333 | 79.06                 | 86°06'30"NE | 1333        | 626,740.538600  | 2,542,802.409500 |
| 1333 - 1334 | 105.44                | 86°06'29"NE | 1334        | 626,845.734900  | 2,542,809.565700 |
| 1334 - 1335 | 54.39                 | 86°06'30"NE | 1335        | 626,899.997800  | 2,542,813.257000 |
| 1335 - 1336 | 407.42                | 02°50'42"NE | 1336        | 626,920.221600  | 2,543,220.174300 |
| 1336 - 1337 | 39.59                 | 02°50'43"NE | 1337        | 626,922.187000  | 2,543,259.719000 |
| 1337 - 1338 | 220.23                | 02°50'42"NE | 1338        | 626,933.119000  | 2,543,479.679700 |
| 1338 - 1339 | 426.99                | 02°50'42"NE | 1339        | 626,954.314000  | 2,543,906.139800 |
| 1339 - 1340 | 370.66                | 00°11'43"NW | 1340        | 626,953.049000  | 2,544,276.801700 |
| 1340 - 1341 | 414.40                | 02°24'03"NW | 1341        | 626,935.688000  | 2,544,690.834300 |
| 1341 - 1342 | 541.11                | 00°42'01"NE | 1342        | 626,942.302600  | 2,545,231.908300 |
| 1342 - 1343 | 567.74                | 02°08'08"NW | 1343        | 626,921.144100  | 2,545,799.255900 |
| 1343 - 1344 | 71.36                 | 03°54'01"NE | 1344        | 626,925.998200  | 2,545,870.450000 |
| 1344 - 1345 | 172.35                | 01°04'33"NW | 1345        | 626,922.762100  | 2,546,042.772100 |
| 1345 - 1346 | 162.95                | 03°42'01"NE | 1346        | 626,933.279400  | 2,546,205.386000 |
| 1346 - 1347 | 230.07                | 01°11'21"NE | 1347        | 626,938.054500  | 2,546,435.410700 |
| 1347 - 1348 | 242.00                | 00°28'09"NW | 1348        | 626,936.071700  | 2,546,677.407000 |
| 1348 - 1349 | 3.88                  | 80°36'33"NW | 1349        | 626,932.238800  | 2,546,678.040900 |
| 1349 - 1350 | 17.43                 | 02°30'31"NW | 1350        | 626,931.475900  | 2,546,695.452900 |
| 1350 - 1351 | 62.75                 | 00°43'28"NW | 1351        | 626,930.682200  | 2,546,758.200900 |
| 1351 - 1352 | 48.90                 | 00°00'00"NE | 1352        | 626,930.682200  | 2,546,807.105900 |
| 1352 - 1353 | 9.01                  | 01°26'25"NE | 1353        | 626,930.908800  | 2,546,816.116900 |
| 1353 - 1354 | 1.00                  | 90°00'00"NW | 1354        | 626,929.908800  | 2,546,816.116900 |
| 1354 - 1355 | 5.03                  | 89°20'48"NE | 1355        | 626,934.934800  | 2,546,816.174200 |
| 1355 - 1356 | 513.30                | 00°28'09"NW | 1356        | 626,930.729300  | 2,547,329.456300 |
| 1356 - 1357 | 114.93                | 05°30'18"NW | 1357        | 626,919.703900  | 2,547,443.852700 |
| 1357 - 1358 | 1,557.52              | 03°43'01"NW | 1358        | 626,818.730700  | 2,548,998.098800 |
| 1358 - 1359 | 517.35                | 03°28'11"NW | 1359        | 626,787.418000  | 2,549,514.505100 |
| 1359 - 1360 | 148.87                | 02°08'43"NW | 1360        | 626,781.844500  | 2,549,663.274000 |
| 1360 - 1361 | 458.19                | 03°51'41"NW | 1361        | 626,750.987900  | 2,550,120.422600 |
| 1361 - 1362 | 64.88                 | 87°39'45"NW | 1362        | 626,686.164900  | 2,550,123.068500 |
| 1362 - 1363 | 218.12                | 09°12'30"NW | 1363        | 626,651.260300  | 2,550,338.376800 |
| 1363 - 1364 | 219.65                | 76°17'15"NW | 1364        | 626,437.874800  | 2,550,390.443000 |
| 1364 - 1365 | 295.26                | 61°46'36"NW | 1365        | 626,177.716900  | 2,550,530.073600 |
| 1365 - 1366 | 24.04                 | 37°33'48"NW | 1366        | 626,163.060800  | 2,550,549.130000 |
| 1366 - 1367 | 49.23                 | 30°41'58"NW | 1367        | 626,137.925400  | 2,550,591.463500 |
| 1367 - 1368 | 50.89                 | 81°01'38"NW | 1368        | 626,087.654400  | 2,550,599.401000 |
| 1368 - 1369 | 31.81                 | 16°55'38"NW | 1369        | 626,078.394000  | 2,550,629.828100 |
| 1369 - 1370 | 40.75                 | 13°08'02"NW | 1370        | 626,069.133500  | 2,550,669.515700 |
| 1370 - 1371 | 40.23                 | 27°24'27"NW | 1371        | 626,050.612700  | 2,550,705.234500 |
| 1371 - 1372 | 58.22                 | 01°18'06"NE | 1372        | 626,051.935600  | 2,550,763.443000 |
| 1372 - 1373 | 48.28                 | 09°27'44"NE | 1373        | 626,059.873100  | 2,550,811.068100 |
| 1373 - 1374 | 52.87                 | 58°17'54"NE | 1374        | 626,104.852400  | 2,550,838.849400 |
| 1374 - 1375 | 44.37                 | 79°41'42"SE | 1375        | 626,148.508700  | 2,550,830.911900 |
| 1375 - 1376 | 58.03                 | 65°46'19"SE | 1376        | 626,201.425500  | 2,550,807.099300 |
| 1376 - 1377 | 47.94                 | 62°01'13"SE | 1377        | 626,243.758900  | 2,550,784.609700 |
| 1377 - 1378 | 17.65                 | 77°00'18"SE | 1378        | 626,260.956800  | 2,550,780.640900 |
| 1378 - 1379 | 15.63                 | 49°48'10"NE | 1379        | 626,272.896000  | 2,550,790.729300 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1379 - 1380 | 74.05                 | 36°52'11"NE | 1380        | 626,317.327800  | 2,550,849.971700 |
| 1380 - 1381 | 45.63                 | 55°23'18"NE | 1381        | 626,354.884100  | 2,550,875.891100 |
| 1381 - 1382 | 37.35                 | 67°04'04"NE | 1382        | 626,389.280000  | 2,550,890.443200 |
| 1382 - 1383 | 36.80                 | 86°22'38"SE | 1383        | 626,426.011300  | 2,550,888.117700 |
| 1383 - 1384 | 114.45                | 23°22'13"NE | 1384        | 626,471.410400  | 2,550,993.178000 |
| 1384 - 1385 | 100.48                | 46°28'06"NE | 1385        | 626,544.259700  | 2,551,062.385300 |
| 1385 - 1386 | 46.35                 | 88°07'19"SE | 1386        | 626,590.588100  | 2,551,060.866300 |
| 1386 - 1387 | 34.39                 | 88°07'20"SE | 1387        | 626,624.957800  | 2,551,059.739500 |
| 1387 - 1388 | 51.56                 | 40°01'43"NE | 1388        | 626,658.122300  | 2,551,099.223100 |
| 1388 - 1389 | 246.56                | 00°50'33"NE | 1389        | 626,661.747800  | 2,551,345.755300 |
| 1389 - 1390 | 47.21                 | 39°33'34"NW | 1390        | 626,631.679500  | 2,551,382.153900 |
| 1390 - 1391 | 48.06                 | 75°39'52"SW | 1391        | 626,585.114400  | 2,551,370.253900 |
| 1391 - 1392 | 24.32                 | 67°37'12"NW | 1392        | 626,562.624700  | 2,551,379.514300 |
| 1392 - 1393 | 23.10                 | 23°37'45"NW | 1393        | 626,553.364300  | 2,551,400.681000 |
| 1393 - 1394 | 72.95                 | 04°09'34"NW | 1394        | 626,548.072600  | 2,551,473.441600 |
| 1394 - 1395 | 57.44                 | 07°56'36"NE | 1395        | 626,556.010100  | 2,551,530.327100 |
| 1395 - 1396 | 30.77                 | 34°07'24"NE | 1396        | 626,573.272800  | 2,551,555.801500 |
| 1396 - 1397 | 94.96                 | 34°07'24"NE | 1397        | 626,626.545300  | 2,551,634.415600 |
| 1397 - 1398 | 80.80                 | 02°48'55"NW | 1398        | 626,622.576600  | 2,551,715.113700 |
| 1398 - 1399 | 51.46                 | 43°57'30"NE | 1399        | 626,658.295400  | 2,551,752.155400 |
| 1399 - 1400 | 78.18                 | 22°37'49"NW | 1400        | 626,628.212100  | 2,551,824.317800 |
| 1400 - 1401 | 58.91                 | 12°38'03"NE | 1401        | 626,641.097400  | 2,551,881.801500 |
| 1401 - 1402 | 17.88                 | 50°18'02"NE | 1402        | 626,654.852400  | 2,551,893.220800 |
| 1402 - 1403 | 10.18                 | 02°07'16"NE | 1403        | 626,655.229100  | 2,551,903.390400 |
| 1403 - 1404 | 60.13                 | 50°21'21"NE | 1404        | 626,701.531300  | 2,551,941.755000 |
| 1404 - 1405 | 79.55                 | 03°48'50"NW | 1405        | 626,696.239600  | 2,552,021.130200 |
| 1405 - 1406 | 37.07                 | 34°49'28"NW | 1406        | 626,675.072900  | 2,552,051.557300 |
| 1406 - 1407 | 52.48                 | 24°20'27"NW | 1407        | 626,653.444000  | 2,552,099.368600 |
| 1407 - 1408 | 8.51                  | 24°20'28"NW | 1408        | 626,649.937400  | 2,552,107.120000 |
| 1408 - 1409 | 14.79                 | 79°41'43"NW | 1409        | 626,635.385300  | 2,552,109.765800 |
| 1409 - 1410 | 14.21                 | 53°57'06"SW | 1410        | 626,623.899500  | 2,552,101.406100 |
| 1410 - 1411 | 35.78                 | 32°47'03"SW | 1411        | 626,604.527900  | 2,552,071.329200 |
| 1411 - 1412 | 15.90                 | 45°40'27"NW | 1412        | 626,593.152500  | 2,552,082.440000 |
| 1412 - 1413 | 31.76                 | 07°44'05"NW | 1413        | 626,588.878300  | 2,552,113.908200 |
| 1413 - 1414 | 28.68                 | 04°46'01"NE | 1414        | 626,591.261900  | 2,552,142.490600 |
| 1414 - 1415 | 96.77                 | 24°29'14"NE | 1415        | 626,631.374300  | 2,552,230.560500 |
| 1415 - 1416 | 25.69                 | 11°53'18"NE | 1416        | 626,636.665900  | 2,552,255.696000 |
| 1416 - 1417 | 15.48                 | 70°01'01"NE | 1417        | 626,651.218000  | 2,552,260.987600 |
| 1417 - 1418 | 80.72                 | 22°29'59"NE | 1418        | 626,682.107900  | 2,552,335.562800 |
| 1418 - 1419 | 39.47                 | 50°26'24"NW | 1419        | 626,651.680800  | 2,552,360.698300 |
| 1419 - 1420 | 29.28                 | 18°26'05"NE | 1420        | 626,660.941200  | 2,552,388.479600 |
| 1420 - 1421 | 73.35                 | 37°08'48"NW | 1421        | 626,616.651200  | 2,552,446.942400 |
| 1421 - 1422 | 8.24                  | 04°46'02"NE | 1422        | 626,617.335700  | 2,552,455.150200 |
| 1422 - 1423 | 64.55                 | 03°27'16"NE | 1423        | 626,621.225200  | 2,552,519.580200 |
| 1423 - 1424 | 65.67                 | 15°12'28"NE | 1424        | 626,638.451600  | 2,552,582.948700 |
| 1424 - 1425 | 25.42                 | 28°18'02"NW | 1425        | 626,626.401500  | 2,552,605.327400 |
| 1425 - 1426 | 13.65                 | 28°18'02"NW | 1426        | 626,619.930700  | 2,552,617.344600 |
| 1426 - 1427 | 181.28                | 01°15'16"NE | 1427        | 626,623.899500  | 2,552,798.584600 |
| 1427 - 1428 | 129.87                | 09°42'23"NE | 1428        | 626,645.795500  | 2,552,926.591900 |
| 1428 - 1429 | 239.79                | 00°41'49"NE | 1429        | 626,648.713100  | 2,553,166.362600 |
| 1429 - 1430 | 26.45                 | 00°41'49"NE | 1430        | 626,649.034900  | 2,553,192.814600 |
| 1430 - 1431 | 82.30                 | 35°08'03"NW | 1431        | 626,601.668900  | 2,553,260.124100 |
| 1431 - 1432 | 113.61                | 26°38'41"NW | 1432        | 626,550.719600  | 2,553,361.669000 |
| 1432 - 1433 | 37.85                 | 36°32'00"NW | 1433        | 626,528.186500  | 2,553,392.083600 |
| 1433 - 1434 | 40.17                 | 17°14'28"NW | 1434        | 626,516.280300  | 2,553,430.448300 |
| 1434 - 1435 | 55.64                 | 06°40'09"NW | 1435        | 626,509.818400  | 2,553,485.710800 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1435 - 1436 | 52.21                 | 12°02'33"NE | 1436        | 626,520.711800  | 2,553,536.773600 |
| 1436 - 1437 | 84.44                 | 28°28'08"NW | 1437        | 626,480.461800  | 2,553,611.000700 |
| 1437 - 1438 | 11.86                 | 13°11'12"NW | 1438        | 626,477.755100  | 2,553,622.552700 |
| 1438 - 1439 | 373.57                | 09°04'25"NE | 1439        | 626,536.668900  | 2,553,991.444700 |
| 1439 - 1440 | 121.74                | 13°32'39"NW | 1440        | 626,508.158700  | 2,554,109.795300 |
| 1440 - 1441 | 135.27                | 17°34'02"NW | 1441        | 626,467.332300  | 2,554,238.752000 |
| 1441 - 1442 | 76.75                 | 06°26'30"NW | 1442        | 626,458.721200  | 2,554,315.018200 |
| 1442 - 1443 | 66.62                 | 03°51'07"NE | 1443        | 626,463.196500  | 2,554,381.484300 |
| 1443 - 1444 | 61.11                 | 15°40'05"NE | 1444        | 626,479.701300  | 2,554,440.327500 |
| 1444 - 1445 | 27.98                 | 22°42'52"NW | 1445        | 626,468.896400  | 2,554,466.139000 |
| 1445 - 1446 | 33.69                 | 22°42'51"NW | 1446        | 626,455.888700  | 2,554,497.213000 |
| 1446 - 1447 | 129.75                | 02°20'14"NE | 1447        | 626,461.180400  | 2,554,626.859100 |
| 1447 - 1448 | 56.11                 | 23°05'53"NE | 1448        | 626,483.193200  | 2,554,678.471900 |
| 1448 - 1449 | 22.73                 | 56°49'02"NE | 1449        | 626,502.220300  | 2,554,690.914700 |
| 1449 - 1450 | 35.74                 | 86°59'13"SE | 1450        | 626,537.909700  | 2,554,689.036300 |
| 1450 - 1451 | 27.61                 | 06°57'10"NE | 1451        | 626,541.251500  | 2,554,716.439300 |
| 1451 - 1452 | 14.92                 | 06°57'11"NE | 1452        | 626,543.057300  | 2,554,731.246500 |
| 1452 - 1453 | 30.71                 | 31°49'38"NW | 1453        | 626,526.863600  | 2,554,757.336400 |
| 1453 - 1454 | 41.13                 | 03°00'46"NE | 1454        | 626,529.025600  | 2,554,798.414200 |
| 1454 - 1455 | 9.21                  | 03°00'47"NE | 1455        | 626,529.509500  | 2,554,807.607300 |
| 1455 - 1456 | 37.04                 | 00°00'00"NE | 1456        | 626,529.509500  | 2,554,844.649000 |
| 1456 - 1457 | 21.93                 | 53°20'37"NW | 1457        | 626,511.919300  | 2,554,857.739400 |
| 1457 - 1458 | 48.98                 | 53°20'37"NW | 1458        | 626,472.623900  | 2,554,886.982500 |
| 1458 - 1459 | 73.05                 | 54°34'58"NW | 1459        | 626,413.092600  | 2,554,929.315900 |
| 1459 - 1460 | 70.11                 | 31°53'26"NW | 1460        | 626,376.050800  | 2,554,988.847300 |
| 1460 - 1461 | 47.64                 | 01°35'28"NW | 1461        | 626,374.727900  | 2,555,036.472300 |
| 1461 - 1462 | 30.61                 | 15°45'04"NE | 1462        | 626,383.037600  | 2,555,065.934000 |
| 1462 - 1463 | 23.00                 | 15°45'04"NE | 1463        | 626,389.280000  | 2,555,088.066200 |
| 1463 - 1464 | 23.67                 | 17°52'43"NW | 1464        | 626,382.013300  | 2,555,110.593000 |
| 1464 - 1465 | 19.42                 | 17°52'43"NW | 1465        | 626,376.050800  | 2,555,129.076700 |
| 1465 - 1466 | 72.95                 | 04°09'34"NW | 1466        | 626,370.759200  | 2,555,201.837300 |
| 1466 - 1467 | 78.06                 | 00°58'15"NW | 1467        | 626,369.436200  | 2,555,279.889500 |
| 1467 - 1468 | 76.83                 | 02°57'39"NW | 1468        | 626,365.467500  | 2,555,356.618800 |
| 1468 - 1469 | 242.78                | 01°15'33"NE | 1469        | 626,370.803500  | 2,555,599.342200 |
| 1469 - 1470 | 310.07                | 12°29'32"NW | 1470        | 626,303.732200  | 2,555,902.069300 |
| 1470 - 1471 | 334.15                | 00°12'03"NW | 1471        | 626,302.560000  | 2,556,236.220800 |
| 1471 - 1472 | 134.74                | 29°35'13"NW | 1472        | 626,236.034800  | 2,556,353.388000 |
| 1472 - 1473 | 335.04                | 05°50'52"NW | 1473        | 626,201.898400  | 2,556,686.688700 |
| 1473 - 1474 | 55.32                 | 06°31'57"NW | 1474        | 626,195.604600  | 2,556,741.649200 |
| 1474 - 1475 | 26.51                 | 33°24'28"NE | 1475        | 626,210.199200  | 2,556,763.776500 |
| 1475 - 1476 | 47.98                 | 33°24'28"NE | 1476        | 626,236.615100  | 2,556,803.826400 |
| 1476 - 1477 | 74.48                 | 19°43'20"NE | 1477        | 626,261.750600  | 2,556,873.941100 |
| 1477 - 1478 | 104.59                | 02°10'29"NW | 1478        | 626,257.781800  | 2,556,978.451800 |
| 1478 - 1479 | 73.15                 | 13°16'34"NW | 1479        | 626,240.982200  | 2,557,049.650200 |
| 1479 - 1480 | 47.82                 | 13°16'35"NW | 1480        | 626,230.000500  | 2,557,096.191600 |
| 1480 - 1481 | 80.07                 | 02°04'11"NW | 1481        | 626,227.108200  | 2,557,176.213600 |
| 1481 - 1482 | 29.80                 | 02°04'12"NW | 1482        | 626,226.031800  | 2,557,205.993900 |
| 1482 - 1483 | 95.85                 | 20°11'08"NW | 1483        | 626,192.958800  | 2,557,295.952400 |
| 1483 - 1484 | 80.48                 | 64°41'55"NW | 1484        | 626,120.198200  | 2,557,330.348300 |
| 1484 - 1485 | 54.11                 | 69°57'17"NW | 1485        | 626,069.364900  | 2,557,348.895600 |
| 1485 - 1486 | 50.10                 | 69°57'17"NW | 1486        | 626,022.302200  | 2,557,366.067100 |
| 1486 - 1487 | 56.90                 | 35°32'15"NW | 1487        | 625,989.229200  | 2,557,412.369300 |
| 1487 - 1488 | 147.15                | 22°11'02"NW | 1488        | 625,933.666600  | 2,557,548.630000 |
| 1488 - 1489 | 10.43                 | 15°15'18"NE | 1489        | 625,936.410000  | 2,557,558.689100 |
| 1489 - 1490 | 19.74                 | 15°15'18"NE | 1490        | 625,941.604100  | 2,557,577.734200 |
| 1490 - 1491 | 85.05                 | 15°19'59"NW | 1491        | 625,919.114500  | 2,557,659.755200 |

| Est-PV      | Distancia<br>(metros) | Rumbo      | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|------------|-------------|-----------------|------------------|
|             |                       |            |             | X               | Y                |
| 1491 - 1492 | 46.92                 | 40°25'33"N | 1492        | 625,888.687400  | 2,557,695.474000 |
| 1492 - 1493 | 111.94                | 20°59'55"N | 1493        | 625,848.575600  | 2,557,799.975800 |
| 1493 - 1494 | 28.35                 | 20°59'55"N | 1494        | 625,838.416400  | 2,557,826.443000 |
| 1494 - 1495 | 67.48                 | 01°07'23"E | 1495        | 625,839.739300  | 2,557,893.911900 |
| 1495 - 1496 | 95.29                 | 01°35'28"E | 1496        | 625,842.385200  | 2,557,989.162100 |
| 1496 - 1497 | 231.65                | 00°27'33"E | 1497        | 625,844.242400  | 2,558,220.803900 |
| 1497 - 1498 | 72.37                 | 00°00'14"N | 1498        | 625,844.237300  | 2,558,293.169000 |
| 1498 - 1499 | 55.68                 | 08°44'45"E | 1499        | 625,852.703900  | 2,558,348.202400 |
| 1499 - 1500 | 82.36                 | 25°54'23"E | 1500        | 625,888.687400  | 2,558,422.285900 |
| 1500 - 1501 | 23.31                 | 57°15'53"E | 1501        | 625,908.296600  | 2,558,434.891800 |
| 1501 - 1502 | 11.92                 | 57°15'52"E | 1502        | 625,918.320700  | 2,558,441.335900 |
| 1502 - 1503 | 44.90                 | 44°59'59"E | 1503        | 625,950.070800  | 2,558,473.086000 |
| 1503 - 1504 | 21.38                 | 56°18'35"N | 1504        | 625,932.282900  | 2,558,484.944600 |
| 1504 - 1505 | 9.15                  | 56°18'34"N | 1505        | 625,924.670800  | 2,558,490.019400 |
| 1505 - 1506 | 65.34                 | 24°54'17"N | 1506        | 625,897.154000  | 2,558,549.286100 |
| 1506 - 1507 | 17.69                 | 03°10'48"E | 1507        | 625,898.135100  | 2,558,566.944400 |
| 1507 - 1508 | 20.47                 | 03°10'46"E | 1508        | 625,899.270700  | 2,558,587.386200 |
| 1508 - 1509 | 34.42                 | 50°31'38"N | 1509        | 625,872.701700  | 2,558,609.266600 |
| 1509 - 1510 | 12.20                 | 50°31'39"N | 1510        | 625,863.287300  | 2,558,617.019600 |
| 1510 - 1511 | 47.89                 | 45°00'00"N | 1511        | 625,829.420600  | 2,558,650.886300 |
| 1511 - 1512 | 52.01                 | 05°31'39"N | 1512        | 625,824.410700  | 2,558,702.655200 |
| 1512 - 1513 | 13.91                 | 05°31'38"N | 1513        | 625,823.070600  | 2,558,716.503100 |
| 1513 - 1514 | 11.89                 | 53°07'48"N | 1514        | 625,813.562500  | 2,558,723.634200 |
| 1514 - 1515 | 19.86                 | 53°07'48"N | 1515        | 625,797.670500  | 2,558,735.553200 |
| 1515 - 1516 | 52.92                 | 36°52'11"N | 1516        | 625,765.920400  | 2,558,777.886600 |
| 1516 - 1517 | 38.91                 | 22°22'48"N | 1517        | 625,751.103700  | 2,558,813.870000 |
| 1517 - 1518 | 33.47                 | 18°26'06"E | 1518        | 625,761.687100  | 2,558,845.620100 |
| 1518 - 1519 | 23.89                 | 51°27'59"E | 1519        | 625,780.371100  | 2,558,860.499900 |
| 1519 - 1520 | 221.29                | 23°54'14"E | 1520        | 625,870.040100  | 2,559,062.811100 |
| 1520 - 1521 | 128.22                | 75°14'31"E | 1521        | 625,994.032500  | 2,559,095.473600 |
| 1521 - 1522 | 170.38                | 80°10'19"E | 1522        | 626,161.913900  | 2,559,124.556000 |
| 1522 - 1523 | 113.34                | 24°07'42"E | 1523        | 626,208.246800  | 2,559,227.996600 |
| 1523 - 1524 | 41.93                 | 24°07'42"E | 1524        | 626,225.388400  | 2,559,266.266000 |
| 1524 - 1525 | 103.93                | 06°28'24"N | 1525        | 626,213.671100  | 2,559,369.531900 |
| 1525 - 1526 | 75.35                 | 04°54'04"N | 1526        | 626,207.233500  | 2,559,444.603700 |
| 1526 - 1527 | 122.56                | 45°34'21"N | 1527        | 626,119.709700  | 2,559,530.395500 |
| 1527 - 1528 | 19.23                 | 83°28'48"W | 1528        | 626,100.606200  | 2,559,528.212200 |
| 1528 - 1529 | 56.16                 | 46°54'32"N | 1529        | 626,059.595700  | 2,559,566.576900 |
| 1529 - 1530 | 52.65                 | 32°33'56"N | 1530        | 626,031.258300  | 2,559,610.945600 |
| 1530 - 1531 | 83.23                 | 47°33'01"E | 1531        | 626,092.668700  | 2,559,667.118800 |
| 1531 - 1532 | 154.12                | 34°30'30"E | 1532        | 626,179.981300  | 2,559,794.119000 |
| 1532 - 1533 | 34.15                 | 01°16'23"E | 1533        | 626,180.740000  | 2,559,828.257800 |
| 1533 - 1534 | 54.13                 | 34°31'21"E | 1534        | 626,211.419600  | 2,559,872.859000 |
| 1534 - 1535 | 60.67                 | 59°52'12"E | 1535        | 626,263.891100  | 2,559,903.312100 |
| 1535 - 1536 | 14.50                 | 00°19'36"N | 1536        | 626,263.808400  | 2,559,917.810600 |
| 1536 - 1537 | 162.53                | 00°19'36"N | 1537        | 626,262.881600  | 2,560,080.333500 |
| 1537 - 1538 | 65.41                 | 40°51'18"N | 1538        | 626,220.096300  | 2,560,129.804300 |
| 1538 - 1539 | 88.34                 | 06°31'39"N | 1539        | 626,210.054000  | 2,560,217.568500 |
| 1539 - 1540 | 346.70                | 09°35'36"E | 1540        | 626,267.834500  | 2,560,559.420900 |
| 1540 - 1541 | 7.58                  | 09°35'36"E | 1541        | 626,269.097100  | 2,560,566.891100 |
| 1541 - 1542 | 93.03                 | 24°03'07"N | 1542        | 626,231.179300  | 2,560,651.848200 |
| 1542 - 1543 | 122.31                | 40°15'34"N | 1543        | 626,152.137600  | 2,560,745.184500 |
| 1543 - 1544 | 76.73                 | 00°00'00"E | 1544        | 626,152.137600  | 2,560,821.913800 |
| 1544 - 1545 | 115.37                | 26°33'54"E | 1545        | 626,203.731500  | 2,560,925.101500 |
| 1545 - 1546 | 170.65                | 06°22'26"N | 1546        | 626,184.786200  | 2,561,094.693800 |
| 1546 - 1547 | 227.11                | 04°48'33"N | 1547        | 626,165.745100  | 2,561,321.006000 |

| Est-PV      | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------|-----------------------|-------------|-------------|-----------------|------------------|
|             |                       |             |             | X               | Y                |
| 1547 - 1548 | 99.38                 | 48°13'22"NE | 1548        | 626,239.855700  | 2,561,387.215200 |
| 1548 - 1549 | 56.21                 | 07°54'01"NW | 1549        | 626,232.130100  | 2,561,442.888000 |
| 1549 - 1550 | 57.42                 | 05°42'40"NW | 1550        | 626,226.415800  | 2,561,500.023500 |
| 1550 - 1551 | 91.75                 | 05°47'33"NW | 1551        | 626,217.155400  | 2,561,591.304900 |
| 1551 - 1552 | 105.84                | 18°12'30"NW | 1552        | 626,184.082400  | 2,561,691.846800 |
| 1552 - 1553 | 56.46                 | 08°59'28"NE | 1553        | 626,192.906000  | 2,561,747.612700 |
| 1553 - 1554 | 92.00                 | 14°09'13"NE | 1554        | 626,215.403500  | 2,561,836.824200 |
| 1554 - 1555 | 229.59                | 16°48'07"NW | 1555        | 626,149.037900  | 2,562,056.609800 |
| 1555 - 1556 | 79.54                 | 25°12'04"NW | 1556        | 626,115.171100  | 2,562,128.576600 |
| 1556 - 1557 | 93.73                 | 06°28'58"NW | 1557        | 626,104.587800  | 2,562,221.710200 |
| 1557 - 1558 | 52.36                 | 14°02'10"NE | 1558        | 626,117.287800  | 2,562,272.510300 |
| 1558 - 1559 | 70.36                 | 06°54'40"NW | 1559        | 626,108.821100  | 2,562,342.360400 |
| 1559 - 1560 | 92.46                 | 15°56'43"NW | 1560        | 626,083.421100  | 2,562,431.260600 |
| 1560 - 1561 | 96.09                 | 07°35'40"NW | 1561        | 626,070.721100  | 2,562,526.510800 |
| 1561 - 1562 | 80.32                 | 18°26'05"NE | 1562        | 626,096.121100  | 2,562,602.710900 |
| 1562 - 1563 | 89.53                 | 06°47'20"NW | 1563        | 626,085.537700  | 2,562,691.611100 |
| 1563 - 1564 | 48.27                 | 12°05'41"NE | 1564        | 626,095.652400  | 2,562,738.812900 |
| 1564 - 1565 | 87.84                 | 20°45'23"NW | 1565        | 626,064.520800  | 2,562,820.954900 |
| 1565 - 1566 | 137.77                | 03°17'24"NE | 1566        | 626,072.428000  | 2,562,958.497900 |
| 1566 - 1567 | 119.44                | 04°34'26"NE | 1567        | 626,081.953000  | 2,563,077.560600 |
| 1567 - 1568 | 82.50                 | 11°05'37"NW | 1568        | 626,066.078000  | 2,563,158.523300 |
| 1568 - 1569 | 50.65                 | 32°11'44"NW | 1569        | 626,039.090400  | 2,563,201.385900 |
| 1569 - 1570 | 54.30                 | 15°15'18"NW | 1570        | 626,024.802900  | 2,563,253.773500 |
| 1570 - 1571 | 67.55                 | 14°58'42"NE | 1571        | 626,042.261000  | 2,563,319.025800 |
| 1571 - 1572 | 13.13                 | 18°26'20"NE | 1572        | 626,046.414800  | 2,563,331.484200 |
| 1572 - 1573 | 27.61                 | 18°26'23"NE | 1573        | 626,055.148700  | 2,563,357.678600 |
| 1573 - 1574 | 94.30                 | 18°26'22"NE | 1574        | 626,084.974700  | 2,563,447.132500 |
| 1574 - 1575 | 74.19                 | 08°45'10"NE | 1575        | 626,096.264800  | 2,563,520.459600 |
| 1575 - 1576 | 50.27                 | 00°05'54"NE | 1576        | 626,096.351300  | 2,563,570.728600 |
| 1576 - 1577 | 161.99                | 00°05'55"NE | 1577        | 626,096.630200  | 2,563,732.722900 |
| 1577 - 1578 | 195.00                | 00°05'55"NE | 1578        | 626,096.965900  | 2,563,927.720800 |
| 1578 - 1579 | 19.67                 | 11°59'26"NE | 1579        | 626,101.052600  | 2,563,946.962400 |
| 1579 - 1580 | 129.62                | 01°10'57"NE | 1580        | 626,103.727600  | 2,564,076.551200 |
| 1580 - 1581 | 173.03                | 14°55'47"NW | 1581        | 626,059.147500  | 2,564,243.743600 |
| 1581 - 1582 | 20.00                 | 70°28'05"SE | 1582        | 626,077.997000  | 2,564,237.056900 |
| 1582 - 1583 | 26.90                 | 19°31'46"NE | 1583        | 626,086.990000  | 2,564,262.410900 |
| 1583 - 1584 | 20.32                 | 16°42'11"NE | 1584        | 626,092.831000  | 2,564,281.875900 |
| 1584 - 1    | 10.94                 | 26°48'47"NE | 1           |                 |                  |

**Zona de Amortiguamiento 11**  
**(Superficie 00-47-61.66 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 626,891.676300  | 2,546,817.446200 |
| 1 - 2  | 18.20                 | 88°04'17"SE | 2           | 626,909.861600  | 2,546,816.833900 |
| 2 - 3  | 10.23                 | 02°23'13"SE | 3           | 626,910.287900  | 2,546,806.607900 |
| 3 - 4  | 48.62                 | 00°27'57"SE | 4           | 626,910.683200  | 2,546,757.992900 |
| 4 - 5  | 63.11                 | 00°43'29"SE | 5           | 626,911.481500  | 2,546,694.887900 |
| 5 - 6  | 14.82                 | 02°30'31"SE | 6           | 626,912.130100  | 2,546,680.083900 |
| 6 - 7  | 98.95                 | 77°12'34"NW | 7           | 626,815.636900  | 2,546,701.989600 |
| 7 - 8  | 65.13                 | 69°39'12"NE | 8           | 626,876.706900  | 2,546,724.636600 |
| 8 - 9  | 57.10                 | 13°30'06"NE | 9           | 626,890.038900  | 2,546,780.160600 |
| 9 - 1  | 37.32                 | 02°30'52"NE | 1           |                 |                  |

**Zona Núcleo 1**  
**(Superficie 16-60-46.85 hectáreas)**

| Est-PV                                                                                                                                                                        | Distancia (metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                               |                    |             |             | X               | Y                |
|                                                                                                                                                                               |                    |             | 1           | 625,682.556000  | 2,580,880.154900 |
| 1 - 2                                                                                                                                                                         | 20.00              | 75°59'12"NE | 2           | 625,701.961000  | 2,580,884.997900 |
| 2 - 3                                                                                                                                                                         | 32.46              | 89°56'12"NE | 3           | 625,734.417400  | 2,580,885.033700 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 3,288.27 metros hasta llegar al vértice 4. |                    |             |             |                 |                  |
|                                                                                                                                                                               |                    |             | 4           | 625,815.686000  | 2,577,598.541400 |
| 4 - 5                                                                                                                                                                         | 52.05              | 89°52'06"SW | 5           | 625,763.633000  | 2,577,598.421900 |
| 5 - 6                                                                                                                                                                         | 17.75              | 90°00'00"NW | 6           | 625,745.879000  | 2,577,598.421900 |
| 6 - 7                                                                                                                                                                         | 17.58              | 68°45'21"NW | 7           | 625,729.491000  | 2,577,604.792900 |
| 7 - 8                                                                                                                                                                         | 25.82              | 40°43'11"NW | 8           | 625,712.648000  | 2,577,624.360900 |
| 8 - 9                                                                                                                                                                         | 24.78              | 44°16'03"NW | 9           | 625,695.349000  | 2,577,642.107900 |
| 9 - 10                                                                                                                                                                        | 26.71              | 08°49'25"NW | 10          | 625,691.252000  | 2,577,668.500900 |
| 10 - 11                                                                                                                                                                       | 29.14              | 01°47'30"NW | 11          | 625,690.341000  | 2,577,697.623900 |
| 11 - 12                                                                                                                                                                       | 21.31              | 19°59'19"NW | 12          | 625,683.058000  | 2,577,717.645900 |
| 12 - 13                                                                                                                                                                       | 11.62              | 21°18'12"NW | 13          | 625,678.835100  | 2,577,728.475100 |
| 13 - 14                                                                                                                                                                       | 17.19              | 21°18'13"NW | 14          | 625,672.588000  | 2,577,744.494900 |
| 14 - 15                                                                                                                                                                       | 20.00              | 68°41'47"NE | 15          | 625,691.221000  | 2,577,751.760900 |
| 15 - 16                                                                                                                                                                       | 29.05              | 21°18'13"SE | 16          | 625,701.774000  | 2,577,724.698900 |
| 16 - 17                                                                                                                                                                       | 24.74              | 19°59'31"SE | 17          | 625,710.232000  | 2,577,701.450900 |
| 17 - 18                                                                                                                                                                       | 31.11              | 01°47'25"SE | 18          | 625,711.204000  | 2,577,670.353900 |
| 18 - 19                                                                                                                                                                       | 19.09              | 08°49'23"SE | 19          | 625,714.132000  | 2,577,651.490900 |
| 19 - 20                                                                                                                                                                       | 19.01              | 44°15'53"SE | 20          | 625,727.401000  | 2,577,637.876900 |
| 20 - 21                                                                                                                                                                       | 21.44              | 40°43'28"SE | 21          | 625,741.392000  | 2,577,621.624900 |
| 21 - 22                                                                                                                                                                       | 8.84               | 68°45'12"SE | 22          | 625,749.630000  | 2,577,618.421900 |
| 22 - 23                                                                                                                                                                       | 4.01               | 90°00'00"NE | 23          | 625,753.636000  | 2,577,618.421900 |
| 23 - 24                                                                                                                                                                       | 10.79              | 36°52'34"NE | 24          | 625,760.110000  | 2,577,627.051900 |
| 24 - 25                                                                                                                                                                       | 15.47              | 12°54'48"NE | 25          | 625,763.568000  | 2,577,642.133900 |
| 25 - 26                                                                                                                                                                       | 40.56              | 02°24'42"NW | 26          | 625,761.861000  | 2,577,682.661900 |
| 26 - 27                                                                                                                                                                       | 42.08              | 02°29'27"NW | 27          | 625,760.032000  | 2,577,724.703900 |
| 27 - 28                                                                                                                                                                       | 36.94              | 01°23'50"NW | 28          | 625,759.131000  | 2,577,761.637900 |
| 28 - 29                                                                                                                                                                       | 45.07              | 04°40'05"NW | 29          | 625,755.463000  | 2,577,806.556900 |
| 29 - 30                                                                                                                                                                       | 43.83              | 00°27'31"NE | 30          | 625,755.814000  | 2,577,850.385900 |
| 30 - 31                                                                                                                                                                       | 37.03              | 00°34'15"NE | 31          | 625,756.183000  | 2,577,887.417900 |
| 31 - 32                                                                                                                                                                       | 49.88              | 00°55'16"NE | 32          | 625,756.985000  | 2,577,937.292900 |
| 32 - 33                                                                                                                                                                       | 43.17              | 02°47'40"NW | 33          | 625,754.880000  | 2,577,980.414900 |
| 33 - 34                                                                                                                                                                       | 46.07              | 01°12'49"NW | 34          | 625,753.904000  | 2,578,026.477900 |
| 34 - 35                                                                                                                                                                       | 45.12              | 01°27'19"NW | 35          | 625,752.758000  | 2,578,071.584900 |
| 35 - 36                                                                                                                                                                       | 55.59              | 03°30'24"NW | 36          | 625,749.358000  | 2,578,127.066900 |
| 36 - 37                                                                                                                                                                       | 54.91              | 01°51'16"NW | 37          | 625,747.581000  | 2,578,181.943900 |
| 37 - 38                                                                                                                                                                       | 38.31              | 02°40'45"NW | 38          | 625,745.790000  | 2,578,220.213900 |
| 38 - 39                                                                                                                                                                       | 49.36              | 01°27'38"NW | 39          | 625,744.532000  | 2,578,269.552900 |
| 39 - 40                                                                                                                                                                       | 55.06              | 02°50'01"NW | 40          | 625,741.810000  | 2,578,324.543900 |
| 40 - 41                                                                                                                                                                       | 71.69              | 03°00'58"NW | 41          | 625,738.038000  | 2,578,396.130900 |
| 41 - 42                                                                                                                                                                       | 55.17              | 02°15'53"NW | 42          | 625,735.858000  | 2,578,451.253900 |
| 42 - 43                                                                                                                                                                       | 62.21              | 02°25'25"NW | 43          | 625,733.227000  | 2,578,513.412900 |
| 43 - 44                                                                                                                                                                       | 41.55              | 02°40'18"NW | 44          | 625,731.290000  | 2,578,554.918900 |
| 44 - 45                                                                                                                                                                       | 18.50              | 03°44'58"NW | 45          | 625,730.080000  | 2,578,573.381900 |
| 45 - 46                                                                                                                                                                       | 37.11              | 04°24'03"NW | 46          | 625,727.232000  | 2,578,610.386900 |

| Est-PV  | Distancia (metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|--------------------|-------------|-------------|-----------------|------------------|
|         |                    |             |             | X               | Y                |
| 46 - 47 | 38.67              | 03°22'22"NW | 47          | 625,724.957000  | 2,578,648.987900 |
| 47 - 48 | 64.04              | 01°59'18"NW | 48          | 625,722.735000  | 2,578,712.988900 |
| 48 - 49 | 43.14              | 01°00'38"NW | 49          | 625,721.974000  | 2,578,756.121900 |
| 49 - 50 | 55.44              | 03°28'31"NW | 50          | 625,718.613000  | 2,578,811.462900 |
| 50 - 51 | 43.65              | 03°26'36"NW | 51          | 625,715.991000  | 2,578,855.038900 |
| 51 - 52 | 40.28              | 01°47'49"NW | 52          | 625,714.728000  | 2,578,895.295900 |
| 52 - 53 | 50.43              | 00°17'59"NW | 53          | 625,714.464000  | 2,578,945.727900 |
| 53 - 54 | 32.73              | 03°37'15"NW | 54          | 625,712.397000  | 2,578,978.390900 |
| 54 - 55 | 46.12              | 01°52'16"NW | 55          | 625,710.891000  | 2,579,024.485900 |
| 55 - 56 | 46.06              | 02°36'07"NW | 56          | 625,708.800000  | 2,579,070.495900 |
| 56 - 57 | 46.04              | 01°26'37"NW | 57          | 625,707.640000  | 2,579,116.517900 |
| 57 - 58 | 45.07              | 00°53'28"NW | 58          | 625,706.939000  | 2,579,161.580900 |
| 58 - 59 | 53.41              | 01°14'52"NW | 59          | 625,705.776000  | 2,579,214.974900 |
| 59 - 60 | 40.45              | 02°24'25"NW | 60          | 625,704.077000  | 2,579,255.390900 |
| 60 - 61 | 48.54              | 03°09'27"NW | 61          | 625,701.403000  | 2,579,303.860900 |
| 61 - 62 | 36.59              | 03°46'07"NW | 62          | 625,698.998000  | 2,579,340.371900 |
| 62 - 63 | 28.95              | 01°41'54"NW | 63          | 625,698.140000  | 2,579,369.305900 |
| 63 - 64 | 40.86              | 00°03'06"NE | 64          | 625,698.177000  | 2,579,410.162900 |
| 64 - 65 | 31.76              | 00°52'10"NW | 65          | 625,697.695000  | 2,579,441.918900 |
| 65 - 66 | 44.78              | 00°09'03"NW | 66          | 625,697.577000  | 2,579,486.702900 |
| 66 - 67 | 33.93              | 00°11'20"NW | 67          | 625,697.465000  | 2,579,520.633900 |
| 67 - 68 | 34.34              | 02°19'12"NW | 68          | 625,696.075000  | 2,579,554.942900 |
| 68 - 69 | 44.59              | 02°54'42"NE | 69          | 625,698.340000  | 2,579,599.474900 |
| 69 - 70 | 32.91              | 03°27'16"NW | 70          | 625,696.357000  | 2,579,632.322900 |
| 70 - 71 | 35.44              | 03°17'07"NW | 71          | 625,694.326000  | 2,579,667.704900 |
| 71 - 72 | 48.12              | 01°48'45"NW | 72          | 625,692.804000  | 2,579,715.798900 |
| 72 - 73 | 36.22              | 01°28'33"NW | 73          | 625,691.871000  | 2,579,752.005900 |
| 73 - 74 | 47.21              | 00°52'25"NW | 74          | 625,691.151000  | 2,579,799.208900 |
| 74 - 75 | 43.87              | 01°52'14"NW | 75          | 625,689.719000  | 2,579,843.053900 |
| 75 - 76 | 72.17              | 02°10'21"NW | 76          | 625,686.983000  | 2,579,915.175900 |
| 76 - 77 | 62.30              | 00°48'30"NW | 77          | 625,686.104000  | 2,579,977.468900 |
| 77 - 78 | 49.59              | 03°05'10"NW | 78          | 625,683.434000  | 2,580,026.990900 |
| 78 - 79 | 39.34              | 00°38'27"NW | 79          | 625,682.994000  | 2,580,066.326900 |
| 79 - 80 | 40.53              | 01°47'48"NW | 80          | 625,681.723000  | 2,580,106.840900 |
| 80 - 81 | 31.52              | 03°10'04"NW | 81          | 625,679.981000  | 2,580,138.314900 |
| 81 - 82 | 54.96              | 00°30'42"NE | 82          | 625,680.472000  | 2,580,193.268900 |
| 82 - 83 | 54.59              | 00°17'26"NE | 83          | 625,680.749000  | 2,580,247.858900 |
| 83 - 84 | 53.15              | 01°04'02"NE | 84          | 625,681.739000  | 2,580,301.001900 |
| 84 - 85 | 42.86              | 01°05'32"NE | 85          | 625,682.556000  | 2,580,343.852900 |
| 85 - 86 | 53.57              | 01°02'03"NW | 86          | 625,681.589000  | 2,580,397.410900 |
| 86 - 87 | 45.57              | 01°34'31"NE | 87          | 625,682.842000  | 2,580,442.966900 |
| 87 - 88 | 36.81              | 00°08'18"NW | 88          | 625,682.753000  | 2,580,479.777900 |
| 88 - 89 | 61.92              | 00°40'08"NE | 89          | 625,683.476000  | 2,580,541.688900 |
| 89 - 90 | 61.36              | 00°46'53"NW | 90          | 625,682.639000  | 2,580,603.040900 |
| 90 - 91 | 61.91              | 00°20'29"NE | 91          | 625,683.008000  | 2,580,664.952900 |
| 91 - 92 | 56.96              | 02°01'09"NE | 92          | 625,685.015000  | 2,580,721.873900 |
| 92 - 93 | 54.36              | 02°01'19"NW | 93          | 625,683.097000  | 2,580,776.195900 |
| 93 - 94 | 60.88              | 02°05'50"NE | 94          | 625,685.325000  | 2,580,837.032900 |
| 94 - 95 | 36.77              | 01°50'14"NW | 95          | 625,684.146000  | 2,580,873.783900 |
| 95 - 1  | 6.57               | 14°00'46"NW | 1           |                 |                  |

Zona Núcleo 2

**(Superficie 18-77-40.66 hectáreas)**

| Est-PV                                                                                                                                                                        | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                               |                       |             |             | X               | Y                |
|                                                                                                                                                                               |                       |             | 1           | 625,707.599000  | 2,577,569.382900 |
| 1 - 2                                                                                                                                                                         | 41.24                 | 66°11'48"SE | 2           | 625,745.328000  | 2,577,552.739900 |
| 2 - 3                                                                                                                                                                         | 19.57                 | 50°31'07"SE | 3           | 625,760.429000  | 2,577,540.299900 |
| 3 - 4                                                                                                                                                                         | 20.75                 | 48°49'35"SE | 4           | 625,776.045000  | 2,577,526.641900 |
| 4 - 5                                                                                                                                                                         | 39.50                 | 89°44'55"SE | 5           | 625,815.547700  | 2,577,526.468600 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 3,302.90 metros hasta llegar al vértice 6. |                       |             |             |                 |                  |
|                                                                                                                                                                               |                       |             | 6           | 625,873.569100  | 2,574,225.836300 |
| 6 - 7                                                                                                                                                                         | 103.47                | 82°41'45"NW | 7           | 625,770.934700  | 2,574,238.991200 |
| 7 - 8                                                                                                                                                                         | 18.49                 | 66°31'12"NW | 8           | 625,753.971600  | 2,574,246.359900 |
| 8 - 9                                                                                                                                                                         | 10.83                 | 90°00'00"NW | 9           | 625,743.140000  | 2,574,246.359900 |
| 9 - 10                                                                                                                                                                        | 42.83                 | 60°44'11"NW | 10          | 625,705.778600  | 2,574,267.294900 |
| 10 - 11                                                                                                                                                                       | 0.41                  | 00°00'00"NE | 11          | 625,705.778600  | 2,574,267.701600 |
| 11 - 12                                                                                                                                                                       | 23.01                 | 60°15'51"NW | 12          | 625,685.798000  | 2,574,279.114900 |
| 12 - 13                                                                                                                                                                       | 51.42                 | 34°23'26"NW | 13          | 625,656.755000  | 2,574,321.545900 |
| 13 - 14                                                                                                                                                                       | 64.53                 | 16°46'05"NW | 14          | 625,638.138000  | 2,574,383.331900 |
| 14 - 15                                                                                                                                                                       | 20.00                 | 73°13'52"NE | 15          | 625,657.287000  | 2,574,389.101900 |
| 15 - 16                                                                                                                                                                       | 61.43                 | 16°46'06"SE | 16          | 625,675.010000  | 2,574,330.283900 |
| 16 - 17                                                                                                                                                                       | 43.72                 | 34°23'25"SE | 17          | 625,699.707000  | 2,574,294.201900 |
| 17 - 18                                                                                                                                                                       | 56.13                 | 60°15'52"SE | 18          | 625,748.449000  | 2,574,266.359900 |
| 18 - 19                                                                                                                                                                       | 28.16                 | 90°00'00"NE | 19          | 625,776.611000  | 2,574,266.359900 |
| 19 - 20                                                                                                                                                                       | 30.85                 | 72°49'44"NE | 20          | 625,806.084000  | 2,574,275.466900 |
| 20 - 21                                                                                                                                                                       | 31.58                 | 24°22'13"NE | 21          | 625,819.115000  | 2,574,304.232900 |
| 21 - 22                                                                                                                                                                       | 44.00                 | 08°48'36"NE | 22          | 625,825.854000  | 2,574,347.712900 |
| 22 - 23                                                                                                                                                                       | 48.08                 | 01°59'08"NW | 23          | 625,824.188000  | 2,574,395.764900 |
| 23 - 24                                                                                                                                                                       | 38.82                 | 06°09'08"NW | 24          | 625,820.028000  | 2,574,434.357900 |
| 24 - 25                                                                                                                                                                       | 68.52                 | 01°20'02"NW | 25          | 625,818.433000  | 2,574,502.856900 |
| 25 - 26                                                                                                                                                                       | 52.75                 | 00°25'44"NW | 26          | 625,818.038000  | 2,574,555.602900 |
| 26 - 27                                                                                                                                                                       | 62.03                 | 00°19'53"NW | 27          | 625,817.679000  | 2,574,617.627900 |
| 27 - 28                                                                                                                                                                       | 45.41                 | 03°36'45"NW | 28          | 625,814.818000  | 2,574,662.943900 |
| 28 - 29                                                                                                                                                                       | 67.42                 | 03°39'12"NW | 29          | 625,810.522000  | 2,574,730.222900 |
| 29 - 30                                                                                                                                                                       | 46.05                 | 00°59'52"NW | 30          | 625,809.720000  | 2,574,776.269900 |
| 30 - 31                                                                                                                                                                       | 55.03                 | 03°18'22"NW | 31          | 625,806.546000  | 2,574,831.211900 |
| 31 - 32                                                                                                                                                                       | 47.20                 | 00°59'56"NW | 32          | 625,805.723000  | 2,574,878.403900 |
| 32 - 33                                                                                                                                                                       | 54.87                 | 00°09'16"NW | 33          | 625,805.575000  | 2,574,933.271900 |
| 33 - 34                                                                                                                                                                       | 44.24                 | 04°00'09"NW | 34          | 625,802.487000  | 2,574,977.401900 |
| 34 - 35                                                                                                                                                                       | 37.46                 | 01°16'05"NW | 35          | 625,801.658000  | 2,575,014.847900 |
| 35 - 36                                                                                                                                                                       | 55.00                 | 01°37'20"NW | 36          | 625,800.101000  | 2,575,069.822900 |
| 36 - 37                                                                                                                                                                       | 39.89                 | 01°24'38"NW | 37          | 625,799.119000  | 2,575,109.702900 |
| 37 - 38                                                                                                                                                                       | 47.70                 | 00°06'37"NE | 38          | 625,799.211000  | 2,575,157.399900 |
| 38 - 39                                                                                                                                                                       | 40.21                 | 00°14'42"NW | 39          | 625,799.039000  | 2,575,197.605900 |
| 39 - 40                                                                                                                                                                       | 39.13                 | 00°11'25"NE | 40          | 625,799.169000  | 2,575,236.731900 |
| 40 - 41                                                                                                                                                                       | 38.77                 | 01°40'28"NW | 41          | 625,798.036000  | 2,575,275.484900 |
| 41 - 42                                                                                                                                                                       | 37.63                 | 02°17'59"NW | 42          | 625,796.526000  | 2,575,313.081900 |
| 42 - 43                                                                                                                                                                       | 66.04                 | 01°49'14"NW | 43          | 625,794.428000  | 2,575,379.084900 |
| 43 - 44                                                                                                                                                                       | 46.77                 | 01°34'58"NW | 44          | 625,793.136000  | 2,575,425.835900 |
| 44 - 45                                                                                                                                                                       | 56.53                 | 01°26'43"NW | 45          | 625,791.710000  | 2,575,482.350900 |
| 45 - 46                                                                                                                                                                       | 47.84                 | 03°22'23"NW | 46          | 625,788.895000  | 2,575,530.108900 |
| 46 - 47                                                                                                                                                                       | 30.26                 | 00°34'39"NW | 47          | 625,788.590000  | 2,575,560.367900 |
| 47 - 48                                                                                                                                                                       | 49.66                 | 01°15'03"NW | 48          | 625,787.506000  | 2,575,610.012900 |
| 48 - 49                                                                                                                                                                       | 57.45                 | 04°01'07"NW | 49          | 625,783.480000  | 2,575,667.316900 |
| 49 - 50                                                                                                                                                                       | 41.06                 | 03°26'10"NW | 50          | 625,781.019000  | 2,575,708.302900 |



| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 50 - 51   | 21.14                 | 03°40'37"NW | 51          | 625,779.663000  | 2,575,729.402900 |
| 51 - 52   | 43.04                 | 02°48'31"NW | 52          | 625,777.554000  | 2,575,772.389900 |
| 52 - 53   | 43.77                 | 01°53'07"NW | 53          | 625,776.114000  | 2,575,816.133900 |
| 53 - 54   | 43.48                 | 01°31'05"NW | 54          | 625,774.962000  | 2,575,859.602900 |
| 54 - 55   | 34.32                 | 03°32'35"NW | 55          | 625,772.841000  | 2,575,893.855900 |
| 55 - 56   | 32.62                 | 01°47'50"NW | 56          | 625,771.818000  | 2,575,926.456900 |
| 56 - 57   | 31.38                 | 00°41'05"NE | 57          | 625,772.193000  | 2,575,957.832900 |
| 57 - 58   | 41.73                 | 01°52'27"NW | 58          | 625,770.828000  | 2,575,999.543900 |
| 58 - 59   | 31.86                 | 00°20'10"NW | 59          | 625,770.641000  | 2,576,031.398900 |
| 59 - 60   | 61.32                 | 00°09'38"NW | 60          | 625,770.469000  | 2,576,092.716900 |
| 60 - 61   | 39.06                 | 02°30'33"NW | 61          | 625,768.759000  | 2,576,131.738900 |
| 61 - 62   | 48.33                 | 02°56'49"NW | 62          | 625,766.274000  | 2,576,180.006900 |
| 62 - 63   | 39.40                 | 01°59'33"NW | 63          | 625,764.904000  | 2,576,219.380900 |
| 63 - 64   | 51.57                 | 02°11'53"NW | 64          | 625,762.926000  | 2,576,270.908900 |
| 64 - 65   | 40.35                 | 01°06'16"NW | 65          | 625,762.148000  | 2,576,311.255900 |
| 65 - 66   | 41.47                 | 02°45'12"NW | 66          | 625,760.156000  | 2,576,352.673900 |
| 66 - 67   | 42.28                 | 02°40'19"NW | 67          | 625,758.185000  | 2,576,394.904900 |
| 67 - 68   | 51.07                 | 00°10'50"NE | 68          | 625,758.346000  | 2,576,445.969900 |
| 68 - 69   | 29.48                 | 02°43'54"NW | 69          | 625,756.941000  | 2,576,475.415900 |
| 69 - 70   | 41.27                 | 01°10'18"NW | 70          | 625,756.097000  | 2,576,516.674900 |
| 70 - 71   | 40.97                 | 01°12'55"NE | 71          | 625,756.966000  | 2,576,557.632900 |
| 71 - 72   | 30.37                 | 01°26'16"NW | 72          | 625,756.204000  | 2,576,587.988900 |
| 72 - 73   | 40.04                 | 01°13'56"NW | 73          | 625,755.343000  | 2,576,628.016900 |
| 73 - 74   | 52.99                 | 02°32'30"NW | 74          | 625,752.993000  | 2,576,680.953900 |
| 74 - 75   | 43.06                 | 00°31'03"NW | 75          | 625,752.604000  | 2,576,724.016900 |
| 75 - 76   | 41.21                 | 01°26'15"NE | 76          | 625,753.638000  | 2,576,765.216900 |
| 76 - 77   | 41.90                 | 00°53'09"NE | 77          | 625,754.286000  | 2,576,807.114900 |
| 77 - 78   | 51.09                 | 00°17'13"NE | 78          | 625,754.542000  | 2,576,858.201900 |
| 78 - 79   | 63.94                 | 00°35'45"NE | 79          | 625,755.207000  | 2,576,922.140900 |
| 79 - 80   | 43.25                 | 01°14'33"NE | 80          | 625,756.145000  | 2,576,965.383900 |
| 80 - 81   | 41.77                 | 00°00'00"NE | 81          | 625,756.145000  | 2,577,007.148900 |
| 81 - 82   | 46.72                 | 01°12'20"NE | 82          | 625,757.128000  | 2,577,053.858900 |
| 82 - 83   | 44.75                 | 02°41'14"NE | 83          | 625,759.226000  | 2,577,098.557900 |
| 83 - 84   | 37.02                 | 01°16'31"NE | 84          | 625,760.050000  | 2,577,135.565900 |
| 84 - 85   | 39.12                 | 02°32'45"NE | 85          | 625,761.788000  | 2,577,174.650900 |
| 85 - 86   | 39.52                 | 03°44'55"NE | 86          | 625,764.372000  | 2,577,214.086900 |
| 86 - 87   | 60.30                 | 00°35'58"NE | 87          | 625,765.003000  | 2,577,274.382900 |
| 87 - 88   | 56.29                 | 01°53'51"NE | 88          | 625,766.867000  | 2,577,330.639900 |
| 88 - 89   | 55.26                 | 01°51'48"NE | 89          | 625,768.664000  | 2,577,385.874900 |
| 89 - 90   | 52.23                 | 01°06'29"NE | 90          | 625,769.674000  | 2,577,438.091900 |
| 90 - 91   | 49.24                 | 04°36'07"NW | 91          | 625,765.723000  | 2,577,487.174900 |
| 91 - 92   | 29.42                 | 14°42'01"NW | 92          | 625,758.258000  | 2,577,515.628900 |
| 92 - 93   | 14.31                 | 48°49'38"NW | 93          | 625,747.485000  | 2,577,525.050900 |
| 93 - 94   | 16.52                 | 50°31'03"NW | 94          | 625,734.737000  | 2,577,535.552900 |
| 94 - 95   | 41.43                 | 66°11'50"NW | 95          | 625,696.830000  | 2,577,552.273900 |
| 95 - 96   | 12.98                 | 49°25'37"NW | 96          | 625,686.970000  | 2,577,560.716900 |
| 96 - 97   | 3.82                  | 71°34'28"SW | 97          | 625,683.344000  | 2,577,559.508900 |
| 97 - 98   | 16.56                 | 18°55'57"SW | 98          | 625,677.970000  | 2,577,543.841900 |
| 98 - 99   | 20.00                 | 71°03'53"NW | 99          | 625,659.052000  | 2,577,550.331900 |
| 99 - 100  | 26.46                 | 18°56'05"NE | 100         | 625,667.637000  | 2,577,575.356900 |
| 100 - 101 | 25.03                 | 71°34'30"NE | 101         | 625,691.384000  | 2,577,583.267900 |
| 101 - 1   | 21.35                 | 49°25'34"SE | 1           |                 |                  |

Zona Núcleo 3

## (Superficie 21-46-87.47 hectáreas)

| Est-PV                                                                                                                                                                         | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                                |                       |             |             | X               | Y                |
|                                                                                                                                                                                |                       |             | 1           | 625,713.448000  | 2,574,179.995900 |
| 1 - 2                                                                                                                                                                          | 34.27                 | 67°36'14"SE | 2           | 625,745.128700  | 2,574,166.940700 |
| 2 - 3                                                                                                                                                                          | 2.67                  | 67°36'10"SE | 3           | 625,747.596000  | 2,574,165.923900 |
| 3 - 4                                                                                                                                                                          | 0.39                  | 65°08'56"SE | 4           | 625,747.950100  | 2,574,165.759900 |
| 4 - 5                                                                                                                                                                          | 54.14                 | 65°08'59"SE | 5           | 625,797.077000  | 2,574,143.007900 |
| 5 - 6                                                                                                                                                                          | 39.02                 | 70°51'24"SE | 6           | 625,833.940000  | 2,574,130.211900 |
| 6 - 7                                                                                                                                                                          | 41.70                 | 72°43'26"SE | 7           | 625,873.758100  | 2,574,117.828200 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 4,575.190 metros hasta llegar al vértice 8. |                       |             |             |                 |                  |
|                                                                                                                                                                                |                       |             | 8           | 626,011.713200  | 2,569,548.099100 |
| 8 - 9                                                                                                                                                                          | 100.60                | 89°10'26"SW | 9           | 625,911.121000  | 2,569,546.648900 |
| 9 - 10                                                                                                                                                                         | 6.42                  | 55°57'41"NW | 10          | 625,905.803500  | 2,569,550.240800 |
| 10 - 11                                                                                                                                                                        | 24.32                 | 55°57'48"NW | 11          | 625,885.650000  | 2,569,563.853200 |
| 11 - 12                                                                                                                                                                        | 25.91                 | 10°43'03"NW | 12          | 625,880.831000  | 2,569,589.313900 |
| 12 - 13                                                                                                                                                                        | 50.62                 | 07°01'52"NE | 13          | 625,887.027000  | 2,569,639.548900 |
| 13 - 14                                                                                                                                                                        | 20.00                 | 82°58'10"SE | 14          | 625,906.877000  | 2,569,637.100900 |
| 14 - 15                                                                                                                                                                        | 47.49                 | 07°01'53"SW | 15          | 625,901.063000  | 2,569,589.964900 |
| 15 - 16                                                                                                                                                                        | 14.46                 | 10°43'00"SE | 16          | 625,903.751000  | 2,569,575.761900 |
| 16 - 17                                                                                                                                                                        | 12.05                 | 55°57'51"SE | 17          | 625,913.733000  | 2,569,569.019900 |
| 17 - 18                                                                                                                                                                        | 13.22                 | 69°16'54"NE | 18          | 625,926.101000  | 2,569,573.697900 |
| 18 - 19                                                                                                                                                                        | 35.50                 | 48°35'12"NE | 19          | 625,952.726000  | 2,569,597.181900 |
| 19 - 20                                                                                                                                                                        | 44.85                 | 06°40'09"NE | 20          | 625,957.935000  | 2,569,641.729900 |
| 20 - 21                                                                                                                                                                        | 57.82                 | 01°52'59"NE | 21          | 625,959.835000  | 2,569,699.517900 |
| 21 - 22                                                                                                                                                                        | 72.05                 | 00°32'15"NW | 22          | 625,959.159000  | 2,569,771.561900 |
| 22 - 23                                                                                                                                                                        | 60.73                 | 02°49'50"NW | 23          | 625,956.160000  | 2,569,832.215900 |
| 23 - 24                                                                                                                                                                        | 75.22                 | 09°53'21"NW | 24          | 625,943.241000  | 2,569,906.320900 |
| 24 - 25                                                                                                                                                                        | 53.80                 | 03°21'50"NW | 25          | 625,940.084000  | 2,569,960.028900 |
| 25 - 26                                                                                                                                                                        | 54.23                 | 03°50'47"NW | 26          | 625,936.446000  | 2,570,014.135900 |
| 26 - 27                                                                                                                                                                        | 53.19                 | 03°47'49"NW | 27          | 625,932.924000  | 2,570,067.204900 |
| 27 - 28                                                                                                                                                                        | 48.99                 | 04°09'36"NW | 28          | 625,929.370000  | 2,570,116.065900 |
| 28 - 29                                                                                                                                                                        | 46.82                 | 04°03'39"NW | 29          | 625,926.054000  | 2,570,162.772900 |
| 29 - 30                                                                                                                                                                        | 25.11                 | 02°16'23"NW | 30          | 625,925.058000  | 2,570,187.862900 |
| 30 - 31                                                                                                                                                                        | 34.16                 | 03°23'53"NW | 31          | 625,923.033000  | 2,570,221.966900 |
| 31 - 32                                                                                                                                                                        | 38.98                 | 01°42'08"NW | 32          | 625,921.875000  | 2,570,260.928900 |
| 32 - 33                                                                                                                                                                        | 40.71                 | 04°21'40"NW | 33          | 625,918.779000  | 2,570,301.522900 |
| 33 - 34                                                                                                                                                                        | 34.45                 | 01°48'35"NW | 34          | 625,917.691000  | 2,570,335.953900 |
| 34 - 35                                                                                                                                                                        | 34.35                 | 02°36'11"NW | 35          | 625,916.131000  | 2,570,370.263900 |
| 35 - 36                                                                                                                                                                        | 35.81                 | 03°14'20"NW | 36          | 625,914.108000  | 2,570,406.011900 |
| 36 - 37                                                                                                                                                                        | 26.95                 | 03°40'57"NW | 37          | 625,912.377000  | 2,570,432.906900 |
| 37 - 38                                                                                                                                                                        | 35.25                 | 05°53'19"NW | 38          | 625,908.760000  | 2,570,467.974900 |
| 38 - 39                                                                                                                                                                        | 36.59                 | 02°12'07"NW | 39          | 625,907.354000  | 2,570,504.537900 |
| 39 - 40                                                                                                                                                                        | 39.99                 | 02°40'12"NW | 40          | 625,905.491000  | 2,570,544.484900 |
| 40 - 41                                                                                                                                                                        | 31.54                 | 02°25'46"NW | 41          | 625,904.154000  | 2,570,575.996900 |
| 41 - 42                                                                                                                                                                        | 21.67                 | 02°05'10"NW | 42          | 625,903.365000  | 2,570,597.654900 |
| 42 - 43                                                                                                                                                                        | 44.24                 | 02°19'26"NW | 43          | 625,901.571000  | 2,570,641.861900 |
| 43 - 44                                                                                                                                                                        | 44.71                 | 02°21'40"NW | 44          | 625,899.729000  | 2,570,686.533900 |
| 44 - 45                                                                                                                                                                        | 33.17                 | 02°16'37"NW | 45          | 625,898.411000  | 2,570,719.679900 |
| 45 - 46                                                                                                                                                                        | 43.03                 | 00°39'56"NW | 46          | 625,897.911000  | 2,570,762.704900 |
| 46 - 47                                                                                                                                                                        | 31.03                 | 02°15'25"NW | 47          | 625,896.689000  | 2,570,793.709900 |
| 47 - 48                                                                                                                                                                        | 50.94                 | 02°25'25"NW | 48          | 625,894.535000  | 2,570,844.600900 |
| 48 - 49                                                                                                                                                                        | 43.32                 | 02°52'35"NW | 49          | 625,892.361000  | 2,570,887.866900 |
| 49 - 50                                                                                                                                                                        | 31.55                 | 03°10'40"NW | 50          | 625,890.612000  | 2,570,919.367900 |
| 50 - 51                                                                                                                                                                        | 40.28                 | 03°27'50"NW | 51          | 625,888.178000  | 2,570,959.577900 |
| 51 - 52                                                                                                                                                                        | 35.38                 | 03°34'17"NW | 52          | 625,885.974000  | 2,570,994.889900 |
| 52 - 53                                                                                                                                                                        | 44.56                 | 03°48'04"NW | 53          | 625,883.020000  | 2,571,039.348900 |
| 53 - 54                                                                                                                                                                        | 27.74                 | 03°03'36"NW | 54          | 625,881.539000  | 2,571,067.050900 |

|           |       |             |     |                |                  |
|-----------|-------|-------------|-----|----------------|------------------|
| 54 - 55   | 46.49 | 02°00'25"NW | 55  | 625,879.911000 | 2,571,113.508900 |
| 55 - 56   | 54.66 | 02°43'49"NW | 56  | 625,877.307000 | 2,571,168.110900 |
| 56 - 57   | 36.25 | 00°28'09"NW | 57  | 625,877.010000 | 2,571,204.363900 |
| 57 - 58   | 56.03 | 02°25'23"NW | 58  | 625,874.641000 | 2,571,260.344900 |
| 58 - 59   | 47.12 | 01°40'15"NW | 59  | 625,873.267000 | 2,571,307.446900 |
| 59 - 60   | 54.69 | 01°18'04"NW | 60  | 625,872.025000 | 2,571,362.122900 |
| 60 - 61   | 45.11 | 02°10'52"NW | 61  | 625,870.308000 | 2,571,407.203900 |
| 61 - 62   | 46.43 | 03°00'58"NW | 62  | 625,867.865000 | 2,571,453.568900 |
| 62 - 63   | 38.80 | 01°49'53"NW | 63  | 625,866.625000 | 2,571,492.347900 |
| 63 - 64   | 40.41 | 01°26'36"NW | 64  | 625,865.607000 | 2,571,532.745900 |
| 64 - 65   | 42.75 | 00°55'48"NW | 65  | 625,864.913000 | 2,571,575.491900 |
| 65 - 66   | 42.10 | 01°45'02"NE | 66  | 625,866.199000 | 2,571,617.568900 |
| 66 - 67   | 57.53 | 02°54'12"NW | 67  | 625,863.285000 | 2,571,675.020900 |
| 67 - 68   | 41.76 | 00°44'51"NE | 68  | 625,863.830000 | 2,571,716.779900 |
| 68 - 69   | 57.05 | 00°30'22"NE | 69  | 625,864.334000 | 2,571,773.831900 |
| 69 - 70   | 47.78 | 00°28'38"NW | 70  | 625,863.936000 | 2,571,821.607900 |
| 70 - 71   | 59.90 | 01°19'12"NW | 71  | 625,862.556000 | 2,571,881.493900 |
| 71 - 72   | 58.65 | 00°59'15"NW | 72  | 625,861.545000 | 2,571,940.135900 |
| 72 - 73   | 35.24 | 00°34'37"NW | 73  | 625,861.190000 | 2,571,975.377900 |
| 73 - 74   | 34.47 | 00°58'50"NE | 74  | 625,861.780000 | 2,572,009.840900 |
| 74 - 75   | 44.11 | 00°31'34"NW | 75  | 625,861.375000 | 2,572,053.944900 |
| 75 - 76   | 43.19 | 00°59'28"NW | 76  | 625,860.628000 | 2,572,097.123900 |
| 76 - 77   | 54.91 | 01°43'57"NW | 77  | 625,858.968000 | 2,572,152.004900 |
| 77 - 78   | 43.63 | 01°14'14"NW | 78  | 625,858.026000 | 2,572,195.620900 |
| 78 - 79   | 56.33 | 00°01'16"NE | 79  | 625,858.047000 | 2,572,251.949900 |
| 79 - 80   | 43.81 | 00°52'25"NE | 80  | 625,858.715000 | 2,572,295.755900 |
| 80 - 81   | 43.42 | 02°23'15"NW | 81  | 625,856.906000 | 2,572,339.138900 |
| 81 - 82   | 45.65 | 00°00'49"NW | 82  | 625,856.895000 | 2,572,384.790900 |
| 82 - 83   | 45.44 | 00°25'25"NE | 83  | 625,857.231000 | 2,572,430.225900 |
| 83 - 84   | 45.09 | 00°39'25"NW | 84  | 625,856.714000 | 2,572,475.308900 |
| 84 - 85   | 34.44 | 02°07'17"NW | 85  | 625,855.439000 | 2,572,509.727900 |
| 85 - 86   | 35.33 | 02°49'22"NW | 86  | 625,853.699000 | 2,572,545.013900 |
| 86 - 87   | 35.85 | 00°19'28"NE | 87  | 625,853.902000 | 2,572,580.859900 |
| 87 - 88   | 34.60 | 01°27'14"NW | 88  | 625,853.024000 | 2,572,615.448900 |
| 88 - 89   | 56.46 | 01°42'03"NW | 89  | 625,851.348000 | 2,572,671.882900 |
| 89 - 90   | 33.95 | 01°02'10"NW | 90  | 625,850.734000 | 2,572,705.823900 |
| 90 - 91   | 45.27 | 00°33'47"NW | 91  | 625,850.289000 | 2,572,751.091900 |
| 91 - 92   | 57.71 | 00°09'46"NW | 92  | 625,850.125000 | 2,572,808.804900 |
| 92 - 93   | 35.50 | 00°30'53"NE | 93  | 625,850.444000 | 2,572,844.307900 |
| 93 - 94   | 70.52 | 01°06'35"NE | 94  | 625,851.810000 | 2,572,914.816900 |
| 94 - 95   | 58.76 | 00°24'09"NW | 95  | 625,851.397000 | 2,572,973.579900 |
| 95 - 96   | 89.75 | 00°08'07"NW | 96  | 625,851.185000 | 2,573,063.330900 |
| 96 - 97   | 57.88 | 00°05'17"NW | 97  | 625,851.096000 | 2,573,121.211900 |
| 97 - 98   | 54.83 | 00°21'22"NW | 98  | 625,850.755000 | 2,573,176.035900 |
| 98 - 99   | 64.52 | 00°04'18"NE | 99  | 625,850.836000 | 2,573,240.554900 |
| 99 - 100  | 54.70 | 00°23'03"NE | 100 | 625,851.203000 | 2,573,295.254900 |
| 100 - 101 | 57.02 | 00°34'54"NW | 101 | 625,850.624000 | 2,573,352.271900 |
| 101 - 102 | 48.36 | 01°10'31"NW | 102 | 625,849.632000 | 2,573,400.621900 |
| 102 - 103 | 49.31 | 01°10'08"NW | 103 | 625,848.626000 | 2,573,449.919900 |
| 103 - 104 | 49.15 | 00°08'11"NE | 104 | 625,848.743000 | 2,573,499.065900 |
| 104 - 105 | 34.94 | 01°34'46"NE | 105 | 625,849.706000 | 2,573,533.989900 |
| 105 - 106 | 56.08 | 00°48'14"NW | 106 | 625,848.919000 | 2,573,590.063900 |
| 106 - 107 | 45.67 | 00°11'40"NW | 107 | 625,848.764000 | 2,573,635.734900 |
| 107 - 108 | 34.68 | 00°23'29"NW | 108 | 625,848.527000 | 2,573,670.415900 |
| 108 - 109 | 57.59 | 00°39'16"NW | 109 | 625,847.869000 | 2,573,727.997900 |
| 109 - 110 | 34.04 | 02°45'30"NW | 110 | 625,846.231000 | 2,573,761.993900 |
| 110 - 111 | 65.82 | 01°53'40"NW | 111 | 625,844.055000 | 2,573,827.778900 |
| 111 - 112 | 53.27 | 02°22'20"NW | 112 | 625,841.850000 | 2,573,881.004900 |
| 112 - 113 | 42.24 | 00°26'51"NE | 113 | 625,842.180000 | 2,573,923.239900 |
| 113 - 114 | 52.90 | 00°01'21"NW | 114 | 625,842.159000 | 2,573,976.134900 |

|           |       |             |     |                |                  |
|-----------|-------|-------------|-----|----------------|------------------|
| 114 - 115 | 39.41 | 02°30'24"NW | 115 | 625,840.435000 | 2,574,015.511900 |
| 115 - 116 | 47.75 | 07°02'19"NW | 116 | 625,834.584000 | 2,574,062.899900 |
| 116 - 117 | 30.75 | 07°19'07"NW | 117 | 625,830.667000 | 2,574,093.397900 |
| 117 - 118 | 23.17 | 27°40'52"NW | 118 | 625,819.905000 | 2,574,113.912900 |
| 118 - 119 | 32.10 | 70°51'22"NW | 119 | 625,789.577000 | 2,574,124.440900 |
| 119 - 120 | 55.10 | 65°08'59"NW | 120 | 625,739.580000 | 2,574,147.595900 |
| 120 - 121 | 30.75 | 67°36'14"NW | 121 | 625,711.149000 | 2,574,159.311900 |
| 121 - 122 | 21.30 | 80°17'25"SW | 122 | 625,690.156000 | 2,574,155.719900 |
| 122 - 123 | 26.03 | 51°32'29"SW | 123 | 625,669.772000 | 2,574,139.529900 |
| 123 - 124 | 9.94  | 81°29'41"NW | 124 | 625,659.942000 | 2,574,140.999900 |
| 124 - 125 | 11.67 | 33°32'10"SW | 125 | 625,653.493000 | 2,574,131.269900 |
| 125 - 126 | 26.26 | 16°10'26"SW | 126 | 625,646.178000 | 2,574,106.048900 |
| 126 - 127 | 40.82 | 10°47'11"SW | 127 | 625,638.538000 | 2,574,065.946900 |
| 127 - 128 | 20.00 | 79°12'57"NW | 128 | 625,618.892000 | 2,574,069.688900 |
| 128 - 129 | 41.77 | 10°47'04"NE | 129 | 625,626.707000 | 2,574,110.716900 |
| 129 - 130 | 30.25 | 16°10'29"NE | 130 | 625,635.135000 | 2,574,139.773900 |
| 130 - 131 | 27.46 | 33°32'08"NE | 131 | 625,650.306000 | 2,574,162.663900 |
| 131 - 132 | 13.98 | 81°29'31"SE | 132 | 625,664.137000 | 2,574,160.594900 |
| 132 - 133 | 22.47 | 51°32'24"NE | 133 | 625,681.730000 | 2,574,174.568900 |
| 133 - 1   | 32.18 | 80°17'26"NE | 1   |                |                  |

**Zona Núcleo 4****(Superficie 28-20-70.82 hectáreas)**

| Est-PV | Distancia (metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|--------------------|-------------|-------------|-----------------|------------------|
|        |                    |             |             | X               | Y                |
|        |                    |             | 1           | 625,916.260000  | 2,569,484.917900 |
| 1 - 2  | 98.91              | 89°23'19"NE | 2           | 626,015.167700  | 2,569,485.973000 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 5,152 metros hasta llegar al vértice 3.

|         |       |             |    |                |                  |
|---------|-------|-------------|----|----------------|------------------|
|         |       |             | 3  | 626,237.930400 | 2,564,339.097500 |
| 3 - 4   | 79.27 | 89°55'04"SW | 4  | 626,158.661000 | 2,564,338.983900 |
| 4 - 5   | 42.91 | 79°55'23"NW | 5  | 626,116.413700 | 2,564,346.491600 |
| 5 - 6   | 8.98  | 79°55'24"NW | 6  | 626,107.577000 | 2,564,348.061900 |
| 6 - 7   | 9.45  | 57°16'25"NW | 7  | 626,099.630000 | 2,564,353.168900 |
| 7 - 8   | 15.26 | 01°47'24"NW | 8  | 626,099.153200 | 2,564,368.424500 |
| 8 - 9   | 21.07 | 01°47'25"NW | 9  | 626,098.495000 | 2,564,389.481900 |
| 9 - 10  | 38.06 | 10°18'29"NE | 10 | 626,105.306000 | 2,564,426.929900 |
| 10 - 11 | 20.00 | 79°41'28"SE | 11 | 626,124.983000 | 2,564,423.350900 |
| 11 - 12 | 35.94 | 10°18'31"SW | 12 | 626,118.551000 | 2,564,387.988900 |
| 12 - 13 | 21.66 | 01°47'29"SE | 13 | 626,119.228000 | 2,564,366.343900 |
| 13 - 14 | 21.70 | 80°11'03"SE | 14 | 626,140.608000 | 2,564,362.644900 |
| 14 - 15 | 11.17 | 79°33'53"SE | 15 | 626,151.598000 | 2,564,360.620900 |
| 15 - 16 | 14.69 | 43°24'20"NE | 16 | 626,161.692000 | 2,564,371.292900 |
| 16 - 17 | 37.96 | 20°25'38"NE | 17 | 626,174.940000 | 2,564,406.863900 |
| 17 - 18 | 43.81 | 02°33'40"NE | 18 | 626,176.898000 | 2,564,450.633900 |
| 18 - 19 | 45.57 | 04°09'22"NW | 19 | 626,173.595000 | 2,564,496.086900 |
| 19 - 20 | 50.92 | 02°32'34"NW | 20 | 626,171.336000 | 2,564,546.951900 |
| 20 - 21 | 61.58 | 01°16'43"NW | 21 | 626,169.962000 | 2,564,608.511900 |
| 21 - 22 | 57.75 | 01°16'26"NE | 22 | 626,171.246000 | 2,564,666.248900 |
| 22 - 23 | 45.19 | 00°31'47"NW | 23 | 626,170.828000 | 2,564,711.436900 |
| 23 - 24 | 48.08 | 01°47'03"NW | 24 | 626,169.331000 | 2,564,759.493900 |
| 24 - 25 | 59.30 | 02°34'42"NW | 25 | 626,166.663000 | 2,564,818.735900 |
| 25 - 26 | 57.40 | 01°45'25"NW | 26 | 626,164.903000 | 2,564,876.111900 |
| 26 - 27 | 49.27 | 01°19'58"NW | 27 | 626,163.757000 | 2,564,925.367900 |
| 27 - 28 | 53.60 | 01°13'11"NW | 28 | 626,162.616000 | 2,564,978.951900 |
| 28 - 29 | 45.89 | 01°00'05"NW | 29 | 626,161.814000 | 2,565,024.833900 |
| 29 - 30 | 49.46 | 00°31'29"NW | 30 | 626,161.361000 | 2,565,074.290900 |
| 30 - 31 | 51.62 | 00°02'27"NE | 31 | 626,161.398000 | 2,565,125.909900 |
| 31 - 32 | 39.73 | 01°41'15"NW | 32 | 626,160.228000 | 2,565,165.621900 |

| Est-PV  | Distancia (metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|--------------------|-------------|-------------|-----------------|------------------|
|         |                    |             |             | X               | Y                |
| 32 - 33 | 66.75              | 01°48'32"NW | 33          | 626,158.121000  | 2,565,232.335900 |
| 33 - 34 | 55.40              | 03°55'20"NW | 34          | 626,154.331000  | 2,565,287.610900 |
| 34 - 35 | 48.30              | 02°50'36"NW | 35          | 626,151.935000  | 2,565,335.849900 |
| 35 - 36 | 58.62              | 02°19'25"NW | 36          | 626,149.558000  | 2,565,394.425900 |
| 36 - 37 | 58.10              | 04°07'13"NW | 37          | 626,145.383000  | 2,565,452.379900 |
| 37 - 38 | 58.17              | 02°52'14"NW | 38          | 626,142.470000  | 2,565,510.472900 |
| 38 - 39 | 45.58              | 02°50'55"NW | 39          | 626,140.205000  | 2,565,555.991900 |
| 39 - 40 | 54.97              | 04°30'53"NW | 40          | 626,135.878000  | 2,565,610.789900 |
| 40 - 41 | 66.02              | 02°20'09"NW | 41          | 626,133.187000  | 2,565,676.757900 |
| 41 - 42 | 45.28              | 02°55'22"NW | 42          | 626,130.878000  | 2,565,721.981900 |
| 42 - 43 | 68.08              | 02°17'26"NW | 43          | 626,128.157000  | 2,565,790.006900 |
| 43 - 44 | 41.08              | 00°40'40"NW | 44          | 626,127.671000  | 2,565,831.085900 |
| 44 - 45 | 35.74              | 02°04'07"NE | 45          | 626,128.961000  | 2,565,866.797900 |
| 45 - 46 | 27.56              | 00°25'11"NW | 46          | 626,128.759000  | 2,565,894.359900 |
| 46 - 47 | 29.91              | 01°03'40"NW | 47          | 626,128.205000  | 2,565,924.268900 |
| 47 - 48 | 42.16              | 00°58'08"NW | 48          | 626,127.492000  | 2,565,966.417900 |
| 48 - 49 | 42.84              | 00°45'15"NW | 49          | 626,126.928000  | 2,566,009.249900 |
| 49 - 50 | 43.28              | 01°21'34"NW | 50          | 626,125.901000  | 2,566,052.520900 |
| 50 - 51 | 32.15              | 03°19'44"NW | 51          | 626,124.034000  | 2,566,084.618900 |
| 51 - 52 | 40.68              | 01°06'46"NW | 52          | 626,123.244000  | 2,566,125.286900 |
| 52 - 53 | 40.04              | 01°08'57"NW | 53          | 626,122.441000  | 2,566,165.315900 |
| 53 - 54 | 57.16              | 03°18'42"NW | 54          | 626,119.139000  | 2,566,222.376900 |
| 54 - 55 | 18.72              | 03°07'25"NW | 55          | 626,118.119000  | 2,566,241.067300 |
| 55 - 56 | 30.04              | 03°07'24"NW | 56          | 626,116.482000  | 2,566,271.064900 |
| 56 - 57 | 26.65              | 01°05'16"NE | 57          | 626,116.988000  | 2,566,297.709200 |
| 57 - 58 | 27.86              | 01°05'16"NE | 58          | 626,117.517000  | 2,566,325.563900 |
| 58 - 59 | 62.60              | 01°28'42"NW | 59          | 626,115.902000  | 2,566,388.138900 |
| 59 - 60 | 54.87              | 03°02'35"NW | 60          | 626,112.989000  | 2,566,442.930900 |
| 60 - 61 | 67.94              | 01°48'51"NW | 61          | 626,110.838000  | 2,566,510.832900 |
| 61 - 62 | 56.38              | 01°03'03"NW | 62          | 626,109.804000  | 2,566,567.202900 |
| 62 - 63 | 33.80              | 01°54'44"NW | 63          | 626,108.676000  | 2,566,600.985900 |
| 63 - 64 | 46.19              | 03°55'36"NW | 64          | 626,105.513000  | 2,566,647.065900 |
| 64 - 65 | 46.59              | 02°53'06"NW | 65          | 626,103.168000  | 2,566,693.594900 |
| 65 - 66 | 55.74              | 02°26'49"NW | 66          | 626,100.788000  | 2,566,749.284900 |
| 66 - 67 | 51.02              | 04°17'45"NW | 67          | 626,096.966000  | 2,566,800.164900 |
| 67 - 68 | 28.45              | 03°53'46"NW | 68          | 626,095.033000  | 2,566,828.546900 |
| 68 - 69 | 38.05              | 03°43'52"NW | 69          | 626,092.557000  | 2,566,866.514900 |
| 69 - 70 | 39.68              | 00°30'55"NW | 70          | 626,092.200000  | 2,566,906.194900 |
| 70 - 71 | 29.24              | 00°48'12"NW | 71          | 626,091.790000  | 2,566,935.434900 |
| 71 - 72 | 56.72              | 02°37'44"NW | 72          | 626,089.188000  | 2,566,992.098900 |
| 72 - 73 | 36.15              | 01°00'57"NW | 73          | 626,088.547000  | 2,567,028.241900 |
| 73 - 74 | 38.49              | 04°27'23"NW | 74          | 626,085.556000  | 2,567,066.617900 |
| 74 - 75 | 30.73              | 02°01'04"NW | 75          | 626,084.474000  | 2,567,097.325900 |
| 75 - 76 | 28.77              | 00°08'29"NE | 76          | 626,084.545000  | 2,567,126.092900 |
| 76 - 77 | 50.68              | 04°56'06"NW | 77          | 626,080.185000  | 2,567,176.584900 |
| 77 - 78 | 39.39              | 03°38'13"NE | 78          | 626,082.684000  | 2,567,215.898900 |
| 78 - 79 | 40.96              | 03°38'15"NW | 79          | 626,080.085000  | 2,567,256.780900 |
| 79 - 80 | 27.86              | 04°26'42"NW | 80          | 626,077.926000  | 2,567,284.553900 |
| 80 - 81 | 47.42              | 01°51'13"NW | 81          | 626,076.392000  | 2,567,331.946900 |
| 81 - 82 | 50.04              | 05°49'52"NW | 82          | 626,071.308000  | 2,567,381.728900 |
| 82 - 83 | 38.06              | 03°00'54"NW | 83          | 626,069.306000  | 2,567,419.735900 |
| 83 - 84 | 27.62              | 01°09'05"NW | 84          | 626,068.751000  | 2,567,447.348900 |
| 84 - 85 | 36.41              | 02°32'32"NW | 85          | 626,067.136000  | 2,567,483.720900 |
| 85 - 86 | 36.44              | 00°36'47"NW | 86          | 626,066.746000  | 2,567,520.161900 |
| 86 - 87 | 37.54              | 03°23'24"NE | 87          | 626,068.966000  | 2,567,557.636900 |
| 87 - 88 | 39.07              | 00°38'48"NW | 88          | 626,068.525000  | 2,567,596.704900 |
| 88 - 89 | 40.23              | 01°00'50"NE | 89          | 626,069.237000  | 2,567,636.928900 |
| 89 - 90 | 30.83              | 05°04'17"NW | 90          | 626,066.512000  | 2,567,667.633900 |

| Est-PV    | Distancia (metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|--------------------|-------------|-------------|-----------------|------------------|
|           |                    |             |             | X               | Y                |
| 90 - 91   | 54.70              | 05°25'27"NW | 91          | 626,061.341000  | 2,567,722.090900 |
| 91 - 92   | 45.15              | 05°45'09"NW | 92          | 626,056.815000  | 2,567,767.017900 |
| 92 - 93   | 46.18              | 02°52'55"NW | 93          | 626,054.493000  | 2,567,813.138900 |
| 93 - 94   | 47.21              | 04°33'47"NW | 94          | 626,050.737000  | 2,567,860.198900 |
| 94 - 95   | 35.08              | 03°55'06"NW | 95          | 626,048.340000  | 2,567,895.192900 |
| 95 - 96   | 45.86              | 06°18'58"NW | 96          | 626,043.295000  | 2,567,940.770900 |
| 96 - 97   | 44.76              | 06°13'17"NW | 97          | 626,038.444000  | 2,567,985.268900 |
| 97 - 98   | 34.20              | 04°28'49"NW | 98          | 626,035.772000  | 2,568,019.367900 |
| 98 - 99   | 33.95              | 05°00'47"NW | 99          | 626,032.805000  | 2,568,053.190900 |
| 99 - 100  | 34.41              | 07°05'44"NW | 100         | 626,028.554000  | 2,568,087.340900 |
| 100 - 101 | 47.92              | 04°48'30"NW | 101         | 626,024.537000  | 2,568,135.093900 |
| 101 - 102 | 23.71              | 04°43'14"NW | 102         | 626,022.586000  | 2,568,158.719900 |
| 102 - 103 | 36.41              | 07°13'43"NW | 103         | 626,018.005000  | 2,568,194.836900 |
| 103 - 104 | 25.20              | 03°45'31"NW | 104         | 626,016.353000  | 2,568,219.982900 |
| 104 - 105 | 49.64              | 03°00'46"NW | 105         | 626,013.744000  | 2,568,269.550900 |
| 105 - 106 | 37.67              | 02°25'15"NW | 106         | 626,012.153000  | 2,568,307.183900 |
| 106 - 107 | 36.89              | 02°22'59"NW | 107         | 626,010.619000  | 2,568,344.041900 |
| 107 - 108 | 22.45              | 03°50'40"NW | 108         | 626,009.114000  | 2,568,366.437900 |
| 108 - 109 | 31.72              | 06°06'41"NW | 109         | 626,005.737000  | 2,568,397.977900 |
| 109 - 110 | 42.23              | 01°22'09"NW | 110         | 626,004.728000  | 2,568,440.191900 |
| 110 - 111 | 33.16              | 00°13'53"NE | 111         | 626,004.862000  | 2,568,473.355900 |
| 111 - 112 | 33.05              | 02°56'49"NE | 112         | 626,006.561000  | 2,568,506.357900 |
| 112 - 113 | 44.95              | 00°48'33"NW | 113         | 626,005.926000  | 2,568,551.305900 |
| 113 - 114 | 23.52              | 02°58'39"NW | 114         | 626,004.704000  | 2,568,574.797900 |
| 114 - 115 | 43.43              | 00°40'46"NW | 115         | 626,004.189000  | 2,568,618.221900 |
| 115 - 116 | 34.63              | 03°45'01"NW | 116         | 626,001.924000  | 2,568,652.775900 |
| 116 - 117 | 57.73              | 02°06'20"NW | 117         | 625,999.803000  | 2,568,710.463900 |
| 117 - 118 | 67.18              | 00°14'56"NE | 118         | 626,000.095000  | 2,568,777.646900 |
| 118 - 119 | 44.95              | 01°01'34"NW | 119         | 625,999.290000  | 2,568,822.586900 |
| 119 - 120 | 59.03              | 01°09'32"NW | 120         | 625,998.096000  | 2,568,881.607900 |
| 120 - 121 | 60.48              | 00°41'09"NW | 121         | 625,997.372000  | 2,568,942.081900 |
| 121 - 122 | 49.28              | 01°56'31"NW | 122         | 625,995.702000  | 2,568,991.328900 |
| 122 - 123 | 56.31              | 01°39'34"NW | 123         | 625,994.071000  | 2,569,047.617900 |
| 123 - 124 | 65.49              | 02°43'49"NW | 124         | 625,990.951000  | 2,569,113.036900 |
| 124 - 125 | 58.63              | 02°19'24"NW | 125         | 625,988.574000  | 2,569,171.617900 |
| 125 - 126 | 45.50              | 01°45'11"NW | 126         | 625,987.182000  | 2,569,217.091900 |
| 126 - 127 | 46.40              | 02°50'58"NW | 127         | 625,984.875000  | 2,569,263.437900 |
| 127 - 128 | 46.60              | 00°55'15"NW | 128         | 625,984.126000  | 2,569,310.032900 |
| 128 - 129 | 57.32              | 01°04'28"NW | 129         | 625,983.051000  | 2,569,367.337900 |
| 129 - 130 | 44.69              | 03°05'51"NW | 130         | 625,980.636000  | 2,569,411.962900 |
| 130 - 131 | 20.03              | 13°56'20"NW | 131         | 625,975.811000  | 2,569,431.402900 |
| 131 - 132 | 29.47              | 45°04'51"NW | 132         | 625,954.942000  | 2,569,452.212900 |
| 132 - 133 | 25.98              | 66°01'39"NW | 133         | 625,931.202000  | 2,569,462.768900 |
| 133 - 134 | 13.36              | 82°28'04"NW | 134         | 625,917.959000  | 2,569,464.519900 |
| 134 - 135 | 4.73               | 72°56'20"SW | 135         | 625,913.433000  | 2,569,463.130900 |
| 135 - 136 | 6.64               | 20°34'09"SW | 136         | 625,911.100000  | 2,569,456.913900 |
| 136 - 137 | 27.45              | 13°00'58"SW | 137         | 625,904.917000  | 2,569,430.166900 |
| 137 - 138 | 40.97              | 01°08'43"SW | 138         | 625,904.098000  | 2,569,389.208900 |
| 138 - 139 | 20.00              | 88°51'14"NW | 139         | 625,884.102000  | 2,569,389.608900 |
| 139 - 140 | 43.05              | 01°08'45"NE | 140         | 625,884.963000  | 2,569,432.645900 |
| 140 - 141 | 1.22               | 13°00'49"NE | 141         | 625,885.237500  | 2,569,433.833600 |
| 141 - 142 | 29.63              | 13°00'56"NE | 142         | 625,891.911000  | 2,569,462.703900 |
| 142 - 143 | 12.18              | 20°33'58"NE | 143         | 625,896.189600  | 2,569,474.107300 |
| 143 - 144 | 5.62               | 20°33'57"NE | 144         | 625,898.163000  | 2,569,479.366900 |
| 144 - 145 | 6.35               | 72°56'51"NE | 145         | 625,904.237700  | 2,569,481.230200 |
| 145 - 1   | 12.58              | 72°56'49"NE | 1           |                 |                  |

**Zona Núcleo 5****(Superficie 80-77-45.66 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 626,121.334000  | 2,564,309.319900 |
| 1 - 2  | 34.25                 | 57°10'34"SE | 2           | 626,150.118000  | 2,564,290.752900 |
| 2 - 3  | 29.57                 | 58°18'03"SE | 3           | 626,175.274000  | 2,564,275.216900 |
| 3 - 4  | 65.71                 | 84°32'45"SE | 4           | 626,240.683000  | 2,564,268.971600 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 13,766.55 metros hasta llegar al vértice 5.

|         |        |             |    |                |                  |
|---------|--------|-------------|----|----------------|------------------|
|         |        |             | 5  | 626,861.029200 | 2,550,538.514800 |
| 5 - 6   | 64.19  | 34°22'59"SW | 6  | 626,824.780000 | 2,550,485.540900 |
| 6 - 7   | 19.09  | 62°15'03"SW | 7  | 626,807.884000 | 2,550,476.651900 |
| 7 - 8   | 11.70  | 81°58'18"NW | 8  | 626,796.299000 | 2,550,478.285900 |
| 8 - 9   | 36.52  | 51°47'18"SW | 9  | 626,767.604000 | 2,550,455.695900 |
| 9 - 10  | 42.28  | 67°53'02"SW | 10 | 626,728.439000 | 2,550,439.779900 |
| 10 - 11 | 52.08  | 70°03'01"NW | 11 | 626,679.482000 | 2,550,457.549900 |
| 11 - 12 | 41.41  | 89°27'17"NW | 12 | 626,638.069000 | 2,550,457.943900 |
| 12 - 13 | 20.00  | 00°32'39"NE | 13 | 626,638.259000 | 2,550,477.942900 |
| 13 - 14 | 44.84  | 89°27'20"SE | 14 | 626,683.092000 | 2,550,477.516900 |
| 14 - 15 | 47.81  | 70°03'00"SE | 15 | 626,728.034000 | 2,550,461.203900 |
| 15 - 16 | 31.76  | 67°53'03"NE | 16 | 626,757.455000 | 2,550,473.159900 |
| 16 - 17 | 42.23  | 51°47'16"NE | 17 | 626,790.637000 | 2,550,499.282900 |
| 17 - 18 | 13.78  | 81°58'11"SE | 18 | 626,804.282000 | 2,550,497.357900 |
| 18 - 19 | 32.02  | 02°19'55"NW | 19 | 626,802.979000 | 2,550,529.353900 |
| 19 - 20 | 52.98  | 03°54'24"NW | 20 | 626,799.369000 | 2,550,582.213900 |
| 20 - 21 | 74.45  | 02°16'04"NW | 21 | 626,796.423000 | 2,550,656.601900 |
| 21 - 22 | 66.60  | 02°37'34"NW | 22 | 626,793.371000 | 2,550,723.136900 |
| 22 - 23 | 80.01  | 04°11'47"NW | 23 | 626,787.516000 | 2,550,802.932900 |
| 23 - 24 | 66.37  | 00°33'24"NW | 24 | 626,786.871000 | 2,550,869.298900 |
| 24 - 25 | 86.26  | 01°29'09"NW | 25 | 626,784.634000 | 2,550,955.527900 |
| 25 - 26 | 82.24  | 01°18'35"NE | 26 | 626,786.514000 | 2,551,037.741900 |
| 26 - 27 | 94.49  | 00°18'46"NE | 27 | 626,787.030000 | 2,551,132.232900 |
| 27 - 28 | 80.78  | 00°10'56"NW | 28 | 626,786.773000 | 2,551,213.007900 |
| 28 - 29 | 83.80  | 01°14'15"NE | 29 | 626,788.583000 | 2,551,296.784900 |
| 29 - 30 | 54.15  | 00°58'32"NE | 30 | 626,789.505000 | 2,551,350.929900 |
| 30 - 31 | 60.47  | 03°44'36"NE | 31 | 626,793.453000 | 2,551,411.267900 |
| 31 - 32 | 59.20  | 00°59'45"NE | 32 | 626,794.482000 | 2,551,470.461900 |
| 32 - 33 | 69.84  | 00°11'01"NE | 33 | 626,794.706000 | 2,551,540.296900 |
| 33 - 34 | 113.25 | 00°14'28"NE | 34 | 626,795.183000 | 2,551,653.547900 |
| 34 - 35 | 75.25  | 04°10'37"NW | 35 | 626,789.702000 | 2,551,728.596900 |
| 35 - 36 | 87.03  | 01°10'38"NW | 36 | 626,787.914000 | 2,551,815.606900 |
| 36 - 37 | 59.10  | 00°55'01"NW | 37 | 626,786.968000 | 2,551,874.702900 |
| 37 - 38 | 57.71  | 03°06'58"NW | 38 | 626,783.831000 | 2,551,932.322900 |
| 38 - 39 | 58.65  | 01°45'14"NW | 39 | 626,782.036000 | 2,551,990.940900 |
| 39 - 40 | 59.70  | 01°21'43"NW | 40 | 626,780.617000 | 2,552,050.623900 |
| 40 - 41 | 69.82  | 02°55'39"NW | 41 | 626,777.051000 | 2,552,120.353900 |
| 41 - 42 | 61.70  | 02°59'35"NW | 42 | 626,773.829000 | 2,552,181.971900 |
| 42 - 43 | 57.20  | 01°01'47"NW | 43 | 626,772.801000 | 2,552,239.157900 |
| 43 - 44 | 59.28  | 02°54'44"NW | 44 | 626,769.789000 | 2,552,298.364900 |
| 44 - 45 | 62.63  | 02°41'46"NW | 45 | 626,766.843000 | 2,552,360.920900 |
| 45 - 46 | 62.75  | 01°07'30"NW | 46 | 626,765.611000 | 2,552,423.654900 |
| 46 - 47 | 46.07  | 03°25'46"NW | 47 | 626,762.855000 | 2,552,469.643900 |
| 47 - 48 | 65.44  | 04°07'41"NW | 48 | 626,758.144000 | 2,552,534.916900 |
| 48 - 49 | 35.72  | 02°27'23"NW | 49 | 626,756.613000 | 2,552,570.605900 |
| 49 - 50 | 58.83  | 02°40'20"NW | 50 | 626,753.870000 | 2,552,629.373900 |
| 50 - 51 | 36.55  | 03°14'59"NW | 51 | 626,751.798000 | 2,552,665.863900 |
| 51 - 52 | 58.51  | 02°06'49"NW | 52 | 626,749.640000 | 2,552,724.329900 |
| 52 - 53 | 42.45  | 03°31'09"NW | 53 | 626,747.034000 | 2,552,766.702900 |
| 53 - 54 | 52.25  | 01°33'38"NW | 54 | 626,745.611000 | 2,552,818.929900 |
| 54 - 55 | 61.38  | 03°11'42"NW | 55 | 626,742.190000 | 2,552,880.209900 |
| 55 - 56 | 53.05  | 02°32'50"NW | 56 | 626,739.832000 | 2,552,933.211900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 56 - 57   | 44.07                 | 04°18'30"NW | 57          | 626,736.521000  | 2,552,977.159900 |
| 57 - 58   | 60.82                 | 01°38'35"NW | 58          | 626,734.777000  | 2,553,037.956900 |
| 58 - 59   | 75.18                 | 02°57'48"NW | 59          | 626,730.890000  | 2,553,113.039900 |
| 59 - 60   | 51.40                 | 02°41'10"NE | 60          | 626,733.299000  | 2,553,164.382900 |
| 60 - 61   | 61.33                 | 00°38'27"NE | 61          | 626,733.985000  | 2,553,225.707900 |
| 61 - 62   | 56.34                 | 03°47'20"NW | 62          | 626,730.262000  | 2,553,281.922900 |
| 62 - 63   | 65.20                 | 04°14'48"NW | 63          | 626,725.434000  | 2,553,346.939900 |
| 63 - 64   | 49.17                 | 04°07'47"NW | 64          | 626,721.893000  | 2,553,395.979900 |
| 64 - 65   | 47.80                 | 00°35'14"NW | 65          | 626,721.403000  | 2,553,443.777900 |
| 65 - 66   | 46.46                 | 01°07'29"NE | 66          | 626,722.315000  | 2,553,490.225900 |
| 66 - 67   | 75.65                 | 07°05'30"NW | 67          | 626,712.975000  | 2,553,565.300900 |
| 67 - 68   | 52.52                 | 05°30'03"NW | 68          | 626,707.940000  | 2,553,617.582900 |
| 68 - 69   | 67.97                 | 03°18'01"NW | 69          | 626,704.027000  | 2,553,685.439900 |
| 69 - 70   | 76.51                 | 04°31'36"NW | 70          | 626,697.988000  | 2,553,761.714900 |
| 70 - 71   | 50.35                 | 04°44'34"NW | 71          | 626,693.825000  | 2,553,811.890900 |
| 71 - 72   | 52.12                 | 03°08'11"NW | 72          | 626,690.973000  | 2,553,863.935900 |
| 72 - 73   | 60.03                 | 03°40'45"NW | 73          | 626,687.121000  | 2,553,923.839900 |
| 73 - 74   | 52.49                 | 04°23'27"NW | 74          | 626,683.102000  | 2,553,976.178900 |
| 74 - 75   | 63.11                 | 01°44'13"NW | 75          | 626,681.189000  | 2,554,039.259900 |
| 75 - 76   | 45.11                 | 02°23'50"NW | 76          | 626,679.302000  | 2,554,084.331900 |
| 76 - 77   | 56.27                 | 01°33'21"NW | 77          | 626,677.774000  | 2,554,140.578900 |
| 77 - 78   | 38.41                 | 01°53'41"NW | 78          | 626,676.504000  | 2,554,178.966900 |
| 78 - 79   | 48.41                 | 02°09'47"NW | 79          | 626,674.677000  | 2,554,227.337900 |
| 79 - 80   | 48.98                 | 03°07'54"NW | 80          | 626,672.001000  | 2,554,276.246900 |
| 80 - 81   | 55.46                 | 02°45'45"NW | 81          | 626,669.328000  | 2,554,331.641900 |
| 81 - 82   | 55.31                 | 00°00'41"NE | 82          | 626,669.339000  | 2,554,386.955900 |
| 82 - 83   | 58.36                 | 00°00'42"NE | 83          | 626,669.351000  | 2,554,445.315900 |
| 83 - 84   | 88.28                 | 01°20'16"NW | 84          | 626,667.290000  | 2,554,533.568900 |
| 84 - 85   | 46.36                 | 01°33'08"NW | 85          | 626,666.034000  | 2,554,579.915900 |
| 85 - 86   | 48.71                 | 01°13'49"NW | 86          | 626,664.988000  | 2,554,628.618900 |
| 86 - 87   | 50.90                 | 00°18'14"NE | 87          | 626,665.258000  | 2,554,679.519900 |
| 87 - 88   | 62.44                 | 02°09'55"NW | 88          | 626,662.899000  | 2,554,741.911900 |
| 88 - 89   | 52.15                 | 02°31'40"NW | 89          | 626,660.599000  | 2,554,794.009900 |
| 89 - 90   | 61.93                 | 01°46'09"NW | 90          | 626,658.687000  | 2,554,855.907900 |
| 90 - 91   | 37.24                 | 01°17'49"NW | 91          | 626,657.844000  | 2,554,893.135900 |
| 91 - 92   | 49.42                 | 05°48'04"NW | 92          | 626,652.849000  | 2,554,942.300900 |
| 92 - 93   | 58.26                 | 02°55'12"NW | 93          | 626,649.881000  | 2,555,000.487900 |
| 93 - 94   | 53.90                 | 03°09'08"NW | 94          | 626,646.917000  | 2,555,054.305900 |
| 94 - 95   | 45.11                 | 02°40'20"NW | 95          | 626,644.814000  | 2,555,099.362900 |
| 95 - 96   | 44.72                 | 03°17'17"NW | 96          | 626,642.249000  | 2,555,144.008900 |
| 96 - 97   | 76.48                 | 01°52'18"NW | 97          | 626,639.751000  | 2,555,220.448900 |
| 97 - 98   | 62.84                 | 03°33'05"NW | 98          | 626,635.858000  | 2,555,283.170900 |
| 98 - 99   | 40.95                 | 00°54'59"NW | 99          | 626,635.203000  | 2,555,324.113900 |
| 99 - 100  | 54.77                 | 02°41'21"NW | 100         | 626,632.633000  | 2,555,378.824900 |
| 100 - 101 | 38.18                 | 01°36'48"NW | 101         | 626,631.558000  | 2,555,416.988900 |
| 101 - 102 | 60.47                 | 02°17'44"NW | 102         | 626,629.136000  | 2,555,477.405900 |
| 102 - 103 | 40.22                 | 01°37'17"NW | 103         | 626,627.998000  | 2,555,517.605900 |
| 103 - 104 | 50.99                 | 03°08'12"NW | 104         | 626,625.208000  | 2,555,568.516900 |
| 104 - 105 | 48.24                 | 00°37'33"NW | 105         | 626,624.681000  | 2,555,616.754900 |
| 105 - 106 | 49.00                 | 02°31'48"NW | 106         | 626,622.518000  | 2,555,665.703900 |
| 106 - 107 | 44.71                 | 00°31'08"NW | 107         | 626,622.113000  | 2,555,710.412900 |
| 107 - 108 | 41.51                 | 01°23'49"NW | 108         | 626,621.101000  | 2,555,751.905900 |
| 108 - 109 | 41.71                 | 00°10'03"NW | 109         | 626,620.979000  | 2,555,793.614900 |
| 109 - 110 | 53.68                 | 03°24'48"NW | 110         | 626,617.783000  | 2,555,847.198900 |
| 110 - 111 | 53.57                 | 03°09'04"NW | 111         | 626,614.838000  | 2,555,900.691900 |
| 111 - 112 | 41.47                 | 01°42'08"NW | 112         | 626,613.606000  | 2,555,942.144900 |
| 112 - 113 | 35.30                 | 00°58'14"NW | 113         | 626,613.008000  | 2,555,977.442900 |
| 113 - 114 | 49.68                 | 03°56'29"NW | 114         | 626,609.593000  | 2,556,027.004900 |



| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 114 - 115 | 41.71                 | 05°52'17"NW | 115         | 626,605.326000  | 2,556,068.497900 |
| 115 - 116 | 44.00                 | 05°07'40"NW | 116         | 626,601.393000  | 2,556,112.325900 |
| 116 - 117 | 33.00                 | 03°54'35"NW | 117         | 626,599.143000  | 2,556,145.245900 |
| 117 - 118 | 43.69                 | 05°14'37"NW | 118         | 626,595.150000  | 2,556,188.753900 |
| 118 - 119 | 42.91                 | 05°30'11"NW | 119         | 626,591.035000  | 2,556,231.465900 |
| 119 - 120 | 43.26                 | 05°57'47"NW | 120         | 626,586.541000  | 2,556,274.488900 |
| 120 - 121 | 32.75                 | 05°44'20"NW | 121         | 626,583.266000  | 2,556,307.075900 |
| 121 - 122 | 42.69                 | 04°33'30"NW | 122         | 626,579.873000  | 2,556,349.633900 |
| 122 - 123 | 50.06                 | 04°16'27"NW | 123         | 626,576.142000  | 2,556,399.554900 |
| 123 - 124 | 61.23                 | 06°52'41"NW | 124         | 626,568.809000  | 2,556,460.345900 |
| 124 - 125 | 52.02                 | 08°20'25"NW | 125         | 626,561.264000  | 2,556,511.810900 |
| 125 - 126 | 41.22                 | 07°22'37"NW | 126         | 626,555.972000  | 2,556,552.684900 |
| 126 - 127 | 60.54                 | 04°59'55"NW | 127         | 626,550.697000  | 2,556,612.993900 |
| 127 - 128 | 39.98                 | 03°24'16"NW | 128         | 626,548.323000  | 2,556,652.899900 |
| 128 - 129 | 39.00                 | 04°38'46"NW | 129         | 626,545.164000  | 2,556,691.769900 |
| 129 - 130 | 45.72                 | 04°52'00"NW | 130         | 626,541.285000  | 2,556,737.326900 |
| 130 - 131 | 48.42                 | 04°34'03"NW | 131         | 626,537.429000  | 2,556,785.593900 |
| 131 - 132 | 30.95                 | 04°47'35"NW | 132         | 626,534.843000  | 2,556,816.433900 |
| 132 - 133 | 41.88                 | 01°58'03"NW | 133         | 626,533.405000  | 2,556,858.291900 |
| 133 - 134 | 30.38                 | 04°31'04"NW | 134         | 626,531.012000  | 2,556,888.575900 |
| 134 - 135 | 41.02                 | 06°06'32"NW | 135         | 626,526.646000  | 2,556,929.367900 |
| 135 - 136 | 42.61                 | 05°21'59"NW | 136         | 626,522.661000  | 2,556,971.789900 |
| 136 - 137 | 33.43                 | 02°10'24"NW | 137         | 626,521.393000  | 2,557,005.198900 |
| 137 - 138 | 33.12                 | 02°52'28"NW | 138         | 626,519.732000  | 2,557,038.277900 |
| 138 - 139 | 31.91                 | 03°41'53"NW | 139         | 626,517.674000  | 2,557,070.118900 |
| 139 - 140 | 41.81                 | 07°30'44"NW | 140         | 626,512.208000  | 2,557,111.567900 |
| 140 - 141 | 42.07                 | 05°40'35"NW | 141         | 626,508.047000  | 2,557,153.429900 |
| 141 - 142 | 51.89                 | 06°21'05"NW | 142         | 626,502.306000  | 2,557,205.004900 |
| 142 - 143 | 62.34                 | 06°46'13"NW | 143         | 626,494.956000  | 2,557,266.914900 |
| 143 - 144 | 64.12                 | 07°05'46"NW | 144         | 626,487.035000  | 2,557,330.542900 |
| 144 - 145 | 55.10                 | 04°08'23"NW | 145         | 626,483.057000  | 2,557,385.503900 |
| 145 - 146 | 67.00                 | 03°19'20"NW | 146         | 626,479.174000  | 2,557,452.393900 |
| 146 - 147 | 57.78                 | 03°38'15"NW | 147         | 626,475.508000  | 2,557,510.059900 |
| 147 - 148 | 58.43                 | 02°26'01"NW | 148         | 626,473.027000  | 2,557,568.435900 |
| 148 - 149 | 44.95                 | 04°26'28"NW | 149         | 626,469.546000  | 2,557,613.252900 |
| 149 - 150 | 56.32                 | 03°06'52"NW | 150         | 626,466.486000  | 2,557,669.487900 |
| 150 - 151 | 77.52                 | 03°23'02"NW | 151         | 626,461.910000  | 2,557,746.872900 |
| 151 - 152 | 71.29                 | 04°20'18"NW | 152         | 626,456.517000  | 2,557,817.959900 |
| 152 - 153 | 64.87                 | 03°57'02"NW | 153         | 626,452.048000  | 2,557,882.671900 |
| 153 - 154 | 67.35                 | 03°14'15"NW | 154         | 626,448.244000  | 2,557,949.917900 |
| 154 - 155 | 73.26                 | 03°16'49"NW | 155         | 626,444.052000  | 2,558,023.057900 |
| 155 - 156 | 52.50                 | 02°51'18"NW | 156         | 626,441.437000  | 2,558,075.488900 |
| 156 - 157 | 74.20                 | 02°38'02"NW | 157         | 626,438.027000  | 2,558,149.614900 |
| 157 - 158 | 63.51                 | 03°08'40"NW | 158         | 626,434.543000  | 2,558,213.030900 |
| 158 - 159 | 63.17                 | 03°01'45"NW | 159         | 626,431.205000  | 2,558,276.108900 |
| 159 - 160 | 72.89                 | 03°49'46"NW | 160         | 626,426.337000  | 2,558,348.831900 |
| 160 - 161 | 43.68                 | 04°44'20"NW | 161         | 626,422.728000  | 2,558,392.365900 |
| 161 - 162 | 55.23                 | 04°47'45"NW | 162         | 626,418.110000  | 2,558,447.406900 |
| 162 - 163 | 55.95                 | 04°24'52"NW | 163         | 626,413.803000  | 2,558,503.194900 |
| 163 - 164 | 54.18                 | 04°59'22"NW | 164         | 626,409.091000  | 2,558,557.164900 |
| 164 - 165 | 63.20                 | 04°04'42"NW | 165         | 626,404.596000  | 2,558,620.205900 |
| 165 - 166 | 43.14                 | 04°44'11"NW | 166         | 626,401.034000  | 2,558,663.195900 |
| 166 - 167 | 64.25                 | 02°39'33"NW | 167         | 626,398.053000  | 2,558,727.377900 |
| 167 - 168 | 55.55                 | 02°54'46"NW | 168         | 626,395.230000  | 2,558,782.855900 |
| 168 - 169 | 65.20                 | 02°51'13"NW | 169         | 626,391.984000  | 2,558,847.975900 |
| 169 - 170 | 62.96                 | 02°42'32"NW | 170         | 626,389.008000  | 2,558,910.869900 |
| 170 - 171 | 53.95                 | 03°14'28"NW | 171         | 626,385.958000  | 2,558,964.728900 |
| 171 - 172 | 54.86                 | 00°59'50"NW | 172         | 626,385.003000  | 2,559,019.580900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 172 - 173 | 42.91                 | 03°23'30"NW | 173         | 626,382.464000  | 2,559,062.419900 |
| 173 - 174 | 54.00                 | 04°13'44"NW | 174         | 626,378.482000  | 2,559,116.269900 |
| 174 - 175 | 84.28                 | 04°50'54"NW | 175         | 626,371.358000  | 2,559,200.252900 |
| 175 - 176 | 66.84                 | 01°39'44"NW | 176         | 626,369.419000  | 2,559,267.064900 |
| 176 - 177 | 60.14                 | 03°30'15"NW | 177         | 626,365.743000  | 2,559,327.092900 |
| 177 - 178 | 30.80                 | 05°14'36"NE | 178         | 626,368.558000  | 2,559,357.766900 |
| 178 - 179 | 36.03                 | 16°50'27"NW | 179         | 626,358.120000  | 2,559,392.249900 |
| 179 - 180 | 52.57                 | 03°11'45"NE | 180         | 626,361.051000  | 2,559,444.740900 |
| 180 - 181 | 17.78                 | 36°13'37"NE | 181         | 626,371.556000  | 2,559,459.079900 |
| 181 - 182 | 42.71                 | 02°26'51"NE | 182         | 626,373.380000  | 2,559,501.751900 |
| 182 - 183 | 49.92                 | 01°52'41"NE | 183         | 626,375.016000  | 2,559,551.641900 |
| 183 - 184 | 41.34                 | 00°15'43"NE | 184         | 626,375.205000  | 2,559,592.978900 |
| 184 - 185 | 54.32                 | 01°25'45"NE | 185         | 626,376.560000  | 2,559,647.281900 |
| 185 - 186 | 62.55                 | 00°26'16"NW | 186         | 626,376.082000  | 2,559,709.834900 |
| 186 - 187 | 30.30                 | 04°08'07"NE | 187         | 626,378.267000  | 2,559,740.054900 |
| 187 - 188 | 38.57                 | 00°04'59"NW | 188         | 626,378.211000  | 2,559,778.626900 |
| 188 - 189 | 37.77                 | 00°48'09"NE | 189         | 626,378.740000  | 2,559,816.391900 |
| 189 - 190 | 31.53                 | 07°19'15"NW | 190         | 626,374.722000  | 2,559,847.666900 |
| 190 - 191 | 49.91                 | 01°37'37"NE | 191         | 626,376.139000  | 2,559,897.553900 |
| 191 - 192 | 48.01                 | 04°29'50"NE | 192         | 626,379.904000  | 2,559,945.419900 |
| 192 - 193 | 40.44                 | 01°23'14"NE | 193         | 626,380.883000  | 2,559,985.846900 |
| 193 - 194 | 52.71                 | 01°36'44"NE | 194         | 626,382.366000  | 2,560,038.531900 |
| 194 - 195 | 42.57                 | 03°45'51"NE | 195         | 626,385.161000  | 2,560,081.012900 |
| 195 - 196 | 63.96                 | 04°01'51"NE | 196         | 626,389.657000  | 2,560,144.812900 |
| 196 - 197 | 42.42                 | 04°26'59"NE | 197         | 626,392.948000  | 2,560,187.101900 |
| 197 - 198 | 41.79                 | 02°34'56"NE | 198         | 626,394.831000  | 2,560,228.851900 |
| 198 - 199 | 52.04                 | 00°54'30"NE | 199         | 626,395.656000  | 2,560,280.880900 |
| 199 - 200 | 62.03                 | 00°34'51"NW | 200         | 626,395.027000  | 2,560,342.902900 |
| 200 - 201 | 31.55                 | 02°02'55"NW | 201         | 626,393.899000  | 2,560,374.433900 |
| 201 - 202 | 53.50                 | 00°09'03"NW | 202         | 626,393.758000  | 2,560,427.935900 |
| 202 - 203 | 42.71                 | 00°33'33"NE | 203         | 626,394.175000  | 2,560,470.647900 |
| 203 - 204 | 53.42                 | 01°06'09"NW | 204         | 626,393.147000  | 2,560,524.053900 |
| 204 - 205 | 43.25                 | 03°55'31"NW | 205         | 626,390.186000  | 2,560,567.204900 |
| 205 - 206 | 32.84                 | 03°44'02"NW | 206         | 626,388.047000  | 2,560,599.979900 |
| 206 - 207 | 32.98                 | 04°15'44"NW | 207         | 626,385.596000  | 2,560,632.865900 |
| 207 - 208 | 42.99                 | 02°37'21"NW | 208         | 626,383.629000  | 2,560,675.808900 |
| 208 - 209 | 52.15                 | 04°00'08"NW | 209         | 626,379.989000  | 2,560,727.832900 |
| 209 - 210 | 41.44                 | 03°36'45"NW | 210         | 626,377.378000  | 2,560,769.187900 |
| 210 - 211 | 20.94                 | 05°46'04"NW | 211         | 626,375.274000  | 2,560,790.017900 |
| 211 - 212 | 42.38                 | 03°42'05"NW | 212         | 626,372.538000  | 2,560,832.309900 |
| 212 - 213 | 41.74                 | 00°14'24"NW | 213         | 626,372.363000  | 2,560,874.047900 |
| 213 - 214 | 40.49                 | 00°28'46"NE | 214         | 626,372.702000  | 2,560,914.535900 |
| 214 - 215 | 37.75                 | 01°31'31"NW | 215         | 626,371.697000  | 2,560,952.276900 |
| 215 - 216 | 50.27                 | 03°48'55"NW | 216         | 626,368.352000  | 2,561,002.435900 |
| 216 - 217 | 33.80                 | 02°39'25"NW | 217         | 626,366.785000  | 2,561,036.199900 |
| 217 - 218 | 30.73                 | 00°58'03"NE | 218         | 626,367.304000  | 2,561,066.926900 |
| 218 - 219 | 52.77                 | 03°12'55"NW | 219         | 626,364.344000  | 2,561,119.617900 |
| 219 - 220 | 43.45                 | 04°38'32"NW | 220         | 626,360.827000  | 2,561,162.928900 |
| 220 - 221 | 32.18                 | 05°09'00"NW | 221         | 626,357.938000  | 2,561,194.982900 |
| 221 - 222 | 52.54                 | 03°21'10"NW | 222         | 626,354.865000  | 2,561,247.433900 |
| 222 - 223 | 30.91                 | 02°46'26"NW | 223         | 626,353.369000  | 2,561,278.309900 |
| 223 - 224 | 31.12                 | 05°03'23"NW | 224         | 626,350.626000  | 2,561,309.309900 |
| 224 - 225 | 32.37                 | 06°38'37"NW | 225         | 626,346.881000  | 2,561,341.461900 |
| 225 - 226 | 42.46                 | 04°08'50"NW | 226         | 626,343.810000  | 2,561,383.814900 |
| 226 - 227 | 30.82                 | 06°53'57"NW | 227         | 626,340.108000  | 2,561,414.409900 |
| 227 - 228 | 30.34                 | 03°52'54"NW | 228         | 626,338.054000  | 2,561,444.679900 |
| 228 - 229 | 29.38                 | 05°32'12"NW | 229         | 626,335.219000  | 2,561,473.925900 |
| 229 - 230 | 29.24                 | 02°57'58"NW | 230         | 626,333.706000  | 2,561,503.125900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 230 - 231 | 38.84                 | 07°02'28"NW | 231         | 626,328.945000  | 2,561,541.671900 |
| 231 - 232 | 30.37                 | 06°15'57"NW | 232         | 626,325.630000  | 2,561,571.862900 |
| 232 - 233 | 30.62                 | 07°30'43"NW | 233         | 626,321.627000  | 2,561,602.218900 |
| 233 - 234 | 39.09                 | 07°23'27"NW | 234         | 626,316.599000  | 2,561,640.979900 |
| 234 - 235 | 19.56                 | 05°38'56"NW | 235         | 626,314.674000  | 2,561,660.440900 |
| 235 - 236 | 48.85                 | 03°50'23"NW | 236         | 626,311.403000  | 2,561,709.176900 |
| 236 - 237 | 29.50                 | 04°32'51"NW | 237         | 626,309.064000  | 2,561,738.583900 |
| 237 - 238 | 30.26                 | 05°33'07"NW | 238         | 626,306.136000  | 2,561,768.704900 |
| 238 - 239 | 30.65                 | 05°36'09"NW | 239         | 626,303.144000  | 2,561,799.204900 |
| 239 - 240 | 30.47                 | 04°39'01"NW | 240         | 626,300.674000  | 2,561,829.569900 |
| 240 - 241 | 30.06                 | 01°45'26"NW | 241         | 626,299.752000  | 2,561,859.618900 |
| 241 - 242 | 30.40                 | 04°52'34"NW | 242         | 626,297.168000  | 2,561,889.906900 |
| 242 - 243 | 42.06                 | 03°55'23"NW | 243         | 626,294.290000  | 2,561,931.871900 |
| 243 - 244 | 32.06                 | 04°18'22"NW | 244         | 626,291.883000  | 2,561,963.837900 |
| 244 - 245 | 31.87                 | 04°21'54"NW | 245         | 626,289.457000  | 2,561,995.618900 |
| 245 - 246 | 30.87                 | 07°19'38"NW | 246         | 626,285.520000  | 2,562,026.235900 |
| 246 - 247 | 30.80                 | 06°27'44"NW | 247         | 626,282.054000  | 2,562,056.835900 |
| 247 - 248 | 41.50                 | 06°00'54"NW | 248         | 626,277.705000  | 2,562,098.108900 |
| 248 - 249 | 32.07                 | 03°57'04"NW | 249         | 626,275.495000  | 2,562,130.104900 |
| 249 - 250 | 42.41                 | 02°28'41"NW | 250         | 626,273.661000  | 2,562,172.478900 |
| 250 - 251 | 31.48                 | 03°38'39"NW | 251         | 626,271.660000  | 2,562,203.895900 |
| 251 - 252 | 31.41                 | 05°17'57"NW | 252         | 626,268.759000  | 2,562,235.171900 |
| 252 - 253 | 20.41                 | 03°34'20"NW | 253         | 626,267.487000  | 2,562,255.545900 |
| 253 - 254 | 31.04                 | 05°57'30"NW | 254         | 626,264.265000  | 2,562,286.416900 |
| 254 - 255 | 32.34                 | 04°59'49"NW | 255         | 626,261.448000  | 2,562,318.633900 |
| 255 - 256 | 33.60                 | 04°24'36"NW | 256         | 626,258.864000  | 2,562,352.137900 |
| 256 - 257 | 33.93                 | 01°59'03"NW | 257         | 626,257.689000  | 2,562,386.050900 |
| 257 - 258 | 45.67                 | 02°56'58"NW | 258         | 626,255.339000  | 2,562,431.657900 |
| 258 - 259 | 34.60                 | 02°36'20"NW | 259         | 626,253.766000  | 2,562,466.221900 |
| 259 - 260 | 33.27                 | 00°39'28"NW | 260         | 626,253.384000  | 2,562,499.484900 |
| 260 - 261 | 31.64                 | 02°21'11"NW | 261         | 626,252.085000  | 2,562,531.096900 |
| 261 - 262 | 32.08                 | 02°54'00"NW | 262         | 626,250.462000  | 2,562,563.133900 |
| 262 - 263 | 32.87                 | 03°21'00"NW | 263         | 626,248.541000  | 2,562,595.949900 |
| 263 - 264 | 22.79                 | 03°14'23"NW | 264         | 626,247.253000  | 2,562,618.702900 |
| 264 - 265 | 29.24                 | 00°40'33"NE | 265         | 626,247.598000  | 2,562,647.942900 |
| 265 - 266 | 32.62                 | 03°07'33"NW | 266         | 626,245.819000  | 2,562,680.518900 |
| 266 - 267 | 45.86                 | 03°53'58"NW | 267         | 626,242.700000  | 2,562,726.274900 |
| 267 - 268 | 34.97                 | 04°00'57"NW | 268         | 626,240.251000  | 2,562,761.156900 |
| 268 - 269 | 36.17                 | 04°33'55"NW | 269         | 626,237.372000  | 2,562,797.210900 |
| 269 - 270 | 36.03                 | 03°29'45"NW | 270         | 626,235.175000  | 2,562,833.173900 |
| 270 - 271 | 34.53                 | 04°19'18"NW | 271         | 626,232.573000  | 2,562,867.604900 |
| 271 - 272 | 34.47                 | 02°39'14"NW | 272         | 626,230.977000  | 2,562,902.034900 |
| 272 - 273 | 33.91                 | 03°13'31"NW | 273         | 626,229.069000  | 2,562,935.892900 |
| 273 - 274 | 31.78                 | 02°58'08"NW | 274         | 626,227.423000  | 2,562,967.628900 |
| 274 - 275 | 38.69                 | 00°58'07"NW | 275         | 626,226.769000  | 2,563,006.310900 |
| 275 - 276 | 29.29                 | 01°56'06"NW | 276         | 626,225.780000  | 2,563,035.580900 |
| 276 - 277 | 30.88                 | 02°45'21"NW | 277         | 626,224.295000  | 2,563,066.428900 |
| 277 - 278 | 43.25                 | 02°12'12"NW | 278         | 626,222.632000  | 2,563,109.649900 |
| 278 - 279 | 43.53                 | 00°23'41"NW | 279         | 626,222.332000  | 2,563,153.177900 |
| 279 - 280 | 43.04                 | 01°06'51"NW | 280         | 626,221.495000  | 2,563,196.211900 |
| 280 - 281 | 33.03                 | 00°29'08"NW | 281         | 626,221.215000  | 2,563,229.244900 |
| 281 - 282 | 32.96                 | 00°05'56"NW | 282         | 626,221.158000  | 2,563,262.201900 |
| 282 - 283 | 43.03                 | 00°24'31"NE | 283         | 626,221.465000  | 2,563,305.225900 |
| 283 - 284 | 31.11                 | 00°34'41"NW | 284         | 626,221.151000  | 2,563,336.336900 |
| 284 - 285 | 29.21                 | 01°27'42"NW | 285         | 626,220.406000  | 2,563,365.532900 |
| 285 - 286 | 30.61                 | 01°35'55"NW | 286         | 626,219.552000  | 2,563,396.129900 |
| 286 - 287 | 30.40                 | 00°23'24"NE | 287         | 626,219.759000  | 2,563,426.525900 |
| 287 - 288 | 28.71                 | 01°50'40"NW | 288         | 626,218.835000  | 2,563,455.216900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 288 - 289 | 33.65                 | 00°58'56"NE | 289         | 626,219.412000  | 2,563,488.863900 |
| 289 - 290 | 25.24                 | 01°56'13"NW | 290         | 626,218.559000  | 2,563,514.084900 |
| 290 - 291 | 38.25                 | 01°57'55"NW | 291         | 626,217.247000  | 2,563,552.314900 |
| 291 - 292 | 29.87                 | 00°26'07"NW | 292         | 626,217.020000  | 2,563,582.185900 |
| 292 - 293 | 33.50                 | 02°38'42"NW | 293         | 626,215.474000  | 2,563,615.649900 |
| 293 - 294 | 35.04                 | 02°09'49"NW | 294         | 626,214.151000  | 2,563,650.663900 |
| 294 - 295 | 39.83                 | 02°42'56"NW | 295         | 626,212.264000  | 2,563,690.445900 |
| 295 - 296 | 42.26                 | 02°45'07"NW | 296         | 626,210.235000  | 2,563,732.655900 |
| 296 - 297 | 42.94                 | 03°59'55"NW | 297         | 626,207.241000  | 2,563,775.486900 |
| 297 - 298 | 42.53                 | 02°32'15"NW | 298         | 626,205.358000  | 2,563,817.974900 |
| 298 - 299 | 19.93                 | 00°46'23"NW | 299         | 626,205.089000  | 2,563,837.903900 |
| 299 - 300 | 34.94                 | 07°47'27"NW | 300         | 626,200.352000  | 2,563,872.524900 |
| 300 - 301 | 40.97                 | 03°08'27"NW | 301         | 626,198.107000  | 2,563,913.434900 |
| 301 - 302 | 39.99                 | 01°19'47"NW | 302         | 626,197.179000  | 2,563,953.411900 |
| 302 - 303 | 50.55                 | 02°13'44"NW | 303         | 626,195.213000  | 2,564,003.918900 |
| 303 - 304 | 40.94                 | 02°45'18"NW | 304         | 626,193.245000  | 2,564,044.814900 |
| 304 - 305 | 39.63                 | 01°25'32"NW | 305         | 626,192.259000  | 2,564,084.435900 |
| 305 - 306 | 28.43                 | 00°02'54"NE | 306         | 626,192.283000  | 2,564,112.869900 |
| 306 - 307 | 5.10                  | 00°12'00"NE | 307         | 626,192.300800  | 2,564,117.966500 |
| 307 - 308 | 27.38                 | 89°36'49"NW | 308         | 626,164.916600  | 2,564,118.151100 |
| 308 - 309 | 72.84                 | 18°55'07"NW | 309         | 626,141.300600  | 2,564,187.053800 |
| 309 - 310 | 43.42                 | 41°41'49"NW | 310         | 626,112.415500  | 2,564,219.477200 |
| 310 - 311 | 51.85                 | 63°05'54"NE | 311         | 626,158.653100  | 2,564,242.936500 |
| 311 - 312 | 16.70                 | 17°39'57"NE | 312         | 626,163.720000  | 2,564,258.845900 |
| 312 - 313 | 28.53                 | 58°18'02"NW | 313         | 626,139.442000  | 2,564,273.839900 |
| 313 - 314 | 29.66                 | 57°10'36"NW | 314         | 626,114.519000  | 2,564,289.915900 |
| 314 - 315 | 16.84                 | 84°07'02"NW | 315         | 626,097.767000  | 2,564,291.641900 |
| 315 - 316 | 10.94                 | 26°48'47"SW | 316         | 626,092.831000  | 2,564,281.875900 |
| 316 - 317 | 20.32                 | 16°42'11"SW | 317         | 626,086.990000  | 2,564,262.410900 |
| 317 - 318 | 26.90                 | 19°31'46"SW | 318         | 626,077.997000  | 2,564,237.056900 |
| 318 - 319 | 20.00                 | 70°28'07"NW | 319         | 626,059.147500  | 2,564,243.743400 |
| 319 - 320 | 26.41                 | 19°31'43"NE | 320         | 626,067.975000  | 2,564,268.631900 |
| 320 - 321 | 21.60                 | 16°42'26"NE | 321         | 626,074.184000  | 2,564,289.317900 |
| 321 - 322 | 18.74                 | 26°48'30"NE | 322         | 626,082.634000  | 2,564,306.039900 |
| 322 - 323 | 12.26                 | 59°44'58"NE | 323         | 626,093.224000  | 2,564,312.215900 |
| 323 - 1   | 28.26                 | 84°07'04"SE | 1           |                 |                  |

**Zona Núcleo 6****(Superficie 00-28-63.11 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 626,815.636900  | 2,546,701.989600 |
| 1 - 2  | 21.08                 | 01°54'25"NW | 2           | 626,814.935300  | 2,546,723.060300 |
| 2 - 3  | 47.80                 | 69°39'12"NE | 3           | 626,859.750400  | 2,546,739.679400 |
| 3 - 4  | 44.51                 | 13°30'06"NE | 4           | 626,870.142500  | 2,546,782.959800 |
| 4 - 5  | 34.45                 | 02°30'52"NE | 5           | 626,871.653800  | 2,546,817.371900 |
| 5 - 6  | 20.02                 | 89°47'14"NE | 6           | 626,891.676300  | 2,546,817.446200 |
| 6 - 7  | 37.32                 | 02°30'52"SW | 7           | 626,890.038900  | 2,546,780.160600 |
| 7 - 8  | 57.10                 | 13°30'06"SW | 8           | 626,876.706900  | 2,546,724.636600 |
| 8 - 1  | 65.13                 | 69°39'12"SW | 1           |                 |                  |

**Zona Núcleo 7****(Superficie 00-27-64.89 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 626,912.130100  | 2,546,680.083900 |
| 1 - 2   | 14.82                 | 02°30'31"NW | 2           | 626,911.481500  | 2,546,694.887900 |
| 2 - 3   | 63.11                 | 00°43'29"NW | 3           | 626,910.683200  | 2,546,757.992900 |
| 3 - 4   | 48.62                 | 00°27'57"NW | 4           | 626,910.287900  | 2,546,806.607900 |
| 4 - 5   | 10.23                 | 02°23'13"NW | 5           | 626,909.861600  | 2,546,816.833900 |
| 5 - 6   | 5.32                  | 87°57'06"SE | 6           | 626,915.182900  | 2,546,816.643600 |
| 6 - 7   | 15.73                 | 88°04'54"SE | 7           | 626,930.908800  | 2,546,816.116900 |
| 7 - 8   | 9.01                  | 01°26'25"SW | 8           | 626,930.682200  | 2,546,807.105900 |
| 8 - 9   | 48.90                 | 00°00'00"SE | 9           | 626,930.682200  | 2,546,758.200900 |
| 9 - 10  | 62.75                 | 00°43'28"SE | 10          | 626,931.475900  | 2,546,695.452900 |
| 10 - 11 | 17.43                 | 02°30'31"SE | 11          | 626,932.238800  | 2,546,678.040900 |
| 11 - 12 | 17.32                 | 84°11'55"NW | 12          | 626,915.009400  | 2,546,679.791400 |
| 12 - 1  | 2.89                  | 84°11'57"NW | 1           |                 |                  |

**Zona Núcleo 8****(Superficie 3-92-44.54 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 626,894.472000  | 2,542,766.254300 |
| 1 - 2  | 37.96                 | 89°23'45"SE | 2           | 626,932.431200  | 2,542,765.854200 |
|        |                       |             | 3           | 626,908.390500  | 2,541,874.043000 |
| 3 - 4  | 42.16                 | 88°54'39"SW | 4           | 626,866.237600  | 2,541,873.241700 |
| 4 - 5  | 185.52                | 00°52'31"NE | 5           | 626,869.072300  | 2,542,058.743500 |
| 5 - 6  | 63.51                 | 00°57'17"NE | 6           | 626,870.130700  | 2,542,122.243600 |
| 6 - 7  | 274.68                | 00°59'36"NE | 7           | 626,874.893200  | 2,542,396.881700 |
| 7 - 8  | 100.71                | 03°18'48"NE | 8           | 626,880.714000  | 2,542,497.423500 |
| 8 - 1  | 269.18                | 02°55'46"NE | 1           |                 |                  |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 892.13 metros hasta llegar al vértice 4.

**Zona Núcleo 9****(Superficie 37-81-49.42 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 626,857.802000  | 2,541,724.915800 |
| 1 - 2  | 46.57                 | 86°39'57"SE | 2           | 626,904.297500  | 2,541,722.207200 |
|        |                       |             | 3           | 626,462.303200  | 2,531,557.828400 |
| 3 - 4  | 60.31                 | 84°02'03"NW | 4           | 626,402.324300  | 2,531,564.096200 |
| 4 - 5  | 140.13                | 05°08'43"NE | 5           | 626,414.892100  | 2,531,703.664200 |
| 5 - 6  | 65.30                 | 13°28'23"NE | 6           | 626,430.105600  | 2,531,767.164400 |
| 6 - 7  | 64.65                 | 07°03'08"NE | 7           | 626,438.043200  | 2,531,831.325900 |
| 7 - 8  | 162.05                | 10°20'48"NE | 8           | 626,467.147400  | 2,531,990.737700 |
| 8 - 9  | 108.24                | 16°04'24"NE | 9           | 626,497.116900  | 2,532,094.750500 |
| 9 - 10 | 101.00                | 05°31'51"NE | 10          | 626,506.851100  | 2,532,195.275900 |

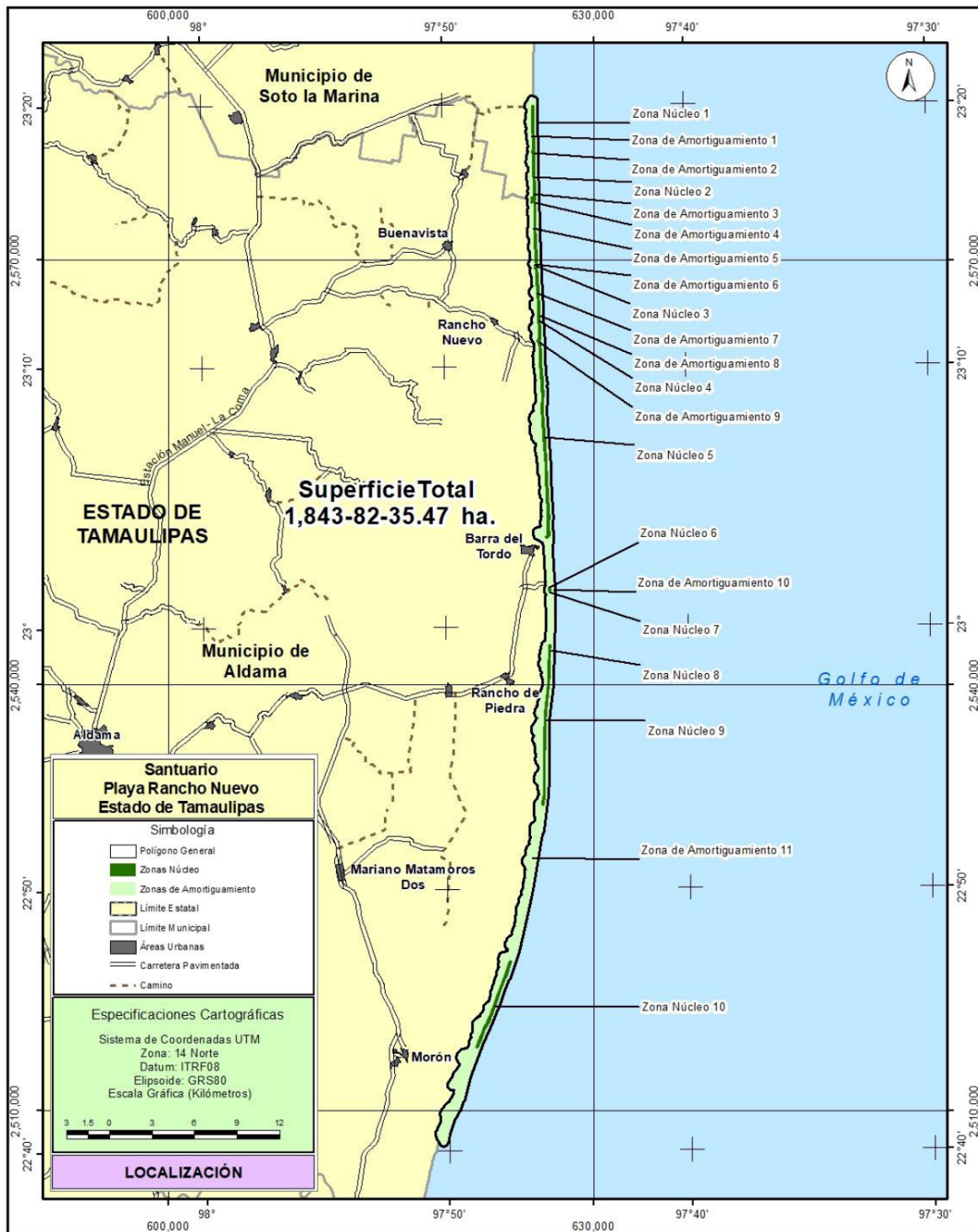
A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 10,184.81 metros hasta llegar al vértice 3.

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
| 10 - 11 | 238.16                | 02°13'28"NE | 11          | 626,516.095400  | 2,532,433.254200 |
| 11 - 12 | 195.95                | 02°19'17"NE | 12          | 626,524.032900  | 2,532,629.046300 |
| 12 - 13 | 301.79                | 01°53'02"NW | 13          | 626,514.111000  | 2,532,930.671900 |
| 13 - 14 | 237.17                | 03°11'51"NE | 14          | 626,527.340200  | 2,533,167.474400 |
| 14 - 15 | 106.66                | 03°11'58"NW | 15          | 626,521.387100  | 2,533,273.969400 |
| 15 - 16 | 252.93                | 02°32'53"NE | 16          | 626,532.631900  | 2,533,526.647000 |
| 16 - 17 | 248.75                | 01°03'59"NE | 17          | 626,537.262100  | 2,533,775.355900 |
| 17 - 18 | 173.36                | 01°31'49"NW | 18          | 626,532.631900  | 2,533,948.658300 |
| 18 - 19 | 220.41                | 02°03'49"NW | 19          | 626,524.694400  | 2,534,168.924400 |
| 19 - 20 | 299.65                | 00°22'45"NE | 20          | 626,526.678700  | 2,534,468.565600 |
| 20 - 21 | 484.19                | 00°04'41"NW | 21          | 626,526.017300  | 2,534,952.754100 |
| 21 - 22 | 453.12                | 00°30'06"NW | 22          | 626,522.048500  | 2,535,405.853900 |
| 22 - 23 | 310.24                | 00°29'19"NE | 23          | 626,524.694400  | 2,535,716.078500 |
| 23 - 24 | 122.40                | 01°14'19"NW | 24          | 626,522.048500  | 2,535,838.448500 |
| 24 - 25 | 222.60                | 05°27'23"NE | 25          | 626,543.215200  | 2,536,060.037500 |
| 25 - 26 | 71.24                 | 21°48'05"NE | 26          | 626,569.673600  | 2,536,126.183500 |
| 26 - 27 | 204.78                | 03°31'06"NW | 27          | 626,557.105900  | 2,536,330.574500 |
| 27 - 28 | 158.18                | 01°55'01"NW | 28          | 626,551.814200  | 2,536,488.663400 |
| 28 - 29 | 337.36                | 00°33'42"NW | 29          | 626,548.506900  | 2,536,826.007800 |
| 29 - 30 | 406.97                | 01°40'35"NE | 30          | 626,560.413200  | 2,537,232.805500 |
| 30 - 31 | 106.53                | 01°25'23"NE | 31          | 626,563.059000  | 2,537,339.300500 |
| 31 - 32 | 342.18                | 01°59'38"NE | 32          | 626,574.965300  | 2,537,681.275100 |
| 32 - 33 | 297.38                | 02°55'56"NE | 33          | 626,590.178900  | 2,537,978.270500 |
| 33 - 34 | 203.14                | 04°51'23"NE | 34          | 626,607.376800  | 2,538,180.677200 |
| 34 - 35 | 88.87                 | 08°07'48"NE | 35          | 626,619.944600  | 2,538,268.651300 |
| 35 - 36 | 271.81                | 06°50'53"NE | 36          | 626,652.356100  | 2,538,538.526900 |
| 36 - 37 | 510.23                | 06°06'08"NE | 37          | 626,706.595800  | 2,539,045.866400 |
| 37 - 38 | 507.96                | 07°42'28"NE | 38          | 626,774.726100  | 2,539,549.237200 |
| 38 - 39 | 182.91                | 06°01'11"NE | 39          | 626,793.908400  | 2,539,731.138600 |
| 39 - 40 | 206.08                | 05°42'38"NE | 40          | 626,814.413700  | 2,539,936.191100 |
| 40 - 41 | 189.30                | 05°12'45"NE | 41          | 626,831.611600  | 2,540,124.707100 |
| 41 - 42 | 139.83                | 03°31'32"NE | 42          | 626,840.210600  | 2,540,264.275100 |
| 42 - 43 | 122.37                | 00°18'35"NE | 43          | 626,840.872100  | 2,540,386.645100 |
| 43 - 44 | 155.45                | 00°29'15"NE | 44          | 626,842.195000  | 2,540,542.088200 |
| 44 - 45 | 77.46                 | 02°26'49"NE | 45          | 626,845.502300  | 2,540,619.478900 |
| 45 - 46 | 215.64                | 00°10'32"NE | 46          | 626,846.163800  | 2,540,835.114800 |
| 46 - 47 | 178.67                | 01°41'49"NE | 47          | 626,851.455400  | 2,541,013.708900 |
| 47 - 48 | 195.78                | 00°03'43"NW | 48          | 626,851.243700  | 2,541,209.487200 |
| 48 - 1  | 515.47                | 00°43'44"NE | 1           |                 |                  |

**Zona Núcleo 10****(Superficie 38-81-57.94 hectáreas)**

| Est-PV                                                                                                                                                                         | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                                |                       |             |             | X               | Y                |
|                                                                                                                                                                                |                       |             | 1           | 624,133.047900  | 2,520,513.820400 |
| 1 - 2                                                                                                                                                                          | 58.83                 | 68°44'58"SE | 2           | 624,187.878800  | 2,520,492.497300 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 6,478.99 metros hasta llegar al vértice 3. |                       |             |             |                 |                  |
|                                                                                                                                                                                |                       |             | 3           | 621,824.404400  | 2,514,467.614500 |
| 3 - 4                                                                                                                                                                          | 49.42                 | 69°03'29"NW | 4           | 621,778.251600  | 2,514,485.277100 |
| 4 - 5                                                                                                                                                                          | 786.76                | 19°57'30"NE | 5           | 622,046.804200  | 2,515,224.789000 |
| 5 - 6                                                                                                                                                                          | 310.42                | 23°36'55"NE | 6           | 622,171.158600  | 2,515,509.216700 |
| 6 - 7                                                                                                                                                                          | 348.49                | 25°53'02"NE | 7           | 622,323.294300  | 2,515,822.748500 |
| 7 - 8                                                                                                                                                                          | 393.44                | 26°08'03"NE | 8           | 622,496.596800  | 2,516,175.968000 |
| 8 - 9                                                                                                                                                                          | 291.89                | 24°21'28"NE | 9           | 622,616.982400  | 2,516,441.874800 |
| 9 - 10                                                                                                                                                                         | 404.62                | 22°17'18"NE | 10          | 622,770.441100  | 2,516,816.260900 |
| 10 - 11                                                                                                                                                                        | 398.46                | 21°37'29"NE | 11          | 622,917.285100  | 2,517,186.678300 |
| 11 - 12                                                                                                                                                                        | 530.63                | 21°57'38"NE | 12          | 623,115.723000  | 2,517,678.804300 |
| 12 - 13                                                                                                                                                                        | 139.31                | 18°15'46"NE | 13          | 623,159.379300  | 2,517,811.096300 |
| 13 - 14                                                                                                                                                                        | 255.15                | 15°19'59"NE | 14          | 623,226.848200  | 2,518,057.159200 |
| 14 - 15                                                                                                                                                                        | 436.41                | 19°28'42"NE | 15          | 623,372.369300  | 2,518,468.587200 |
| 15 - 16                                                                                                                                                                        | 338.17                | 20°08'10"NE | 16          | 623,488.786200  | 2,518,786.087800 |
| 16 - 17                                                                                                                                                                        | 535.29                | 20°05'31"NE | 17          | 623,672.672000  | 2,519,288.797100 |
| 17 - 18                                                                                                                                                                        | 715.61                | 21°35'06"NE | 18          | 623,935.933000  | 2,519,954.225500 |
| 18 - 1                                                                                                                                                                         | 593.30                | 19°24'16"NE | 1           |                 |                  |

| Polígono general   | Superficie (ha)     | Zonificación    | Nombre                     | Superficie (ha)     |
|--------------------|---------------------|-----------------|----------------------------|---------------------|
| Playa Rancho Nuevo | 1,843.823547        | Amortiguamiento | Zona de Amortiguamiento 1  | 46.023636           |
|                    |                     |                 | Zona de Amortiguamiento 2  | 0.940888            |
|                    |                     |                 | Zona de Amortiguamiento 3  | 44.055943           |
|                    |                     |                 | Zona de Amortiguamiento 4  | 1.010574            |
|                    |                     |                 | Zona de Amortiguamiento 5  | 65.065709           |
|                    |                     |                 | Zona de Amortiguamiento 6  | 0.651640            |
|                    |                     |                 | Zona de Amortiguamiento 7  | 33.141359           |
|                    |                     |                 | Zona de Amortiguamiento 8  | 30.751959           |
|                    |                     |                 | Zona de Amortiguamiento 9  | 0.855856            |
|                    |                     |                 | Zona de Amortiguamiento 10 | 1,373.902681        |
|                    |                     |                 | Zona de Amortiguamiento 11 | 0.476166            |
|                    |                     |                 | <b>Subtotal</b>            | <b>1,596.876411</b> |
|                    |                     | Núcleo          | Zona Núcleo 1              | 16.604685           |
|                    |                     |                 | Zona Núcleo 2              | 18.774066           |
|                    |                     |                 | Zona Núcleo 3              | 21.468747           |
|                    |                     |                 | Zona Núcleo 4              | 28.207082           |
|                    |                     |                 | Zona Núcleo 5              | 80.774566           |
|                    |                     |                 | Zona Núcleo 6              | 0.286311            |
|                    |                     |                 | Zona Núcleo 7              | 0.276489            |
|                    |                     |                 | Zona Núcleo 8              | 3.924454            |
|                    |                     |                 | Zona Núcleo 9              | 37.814942           |
|                    |                     |                 | Zona Núcleo 10             | 38.815794           |
|                    |                     |                 | <b>Subtotal</b>            | <b>246.947136</b>   |
| <b>Total</b>       | <b>1,843.823547</b> | <b>Total</b>    | <b>Total</b>               | <b>1,843.823547</b> |





**“Playa Ría Lagartos”**

El Santuario conocido como Playa Ría Lagartos, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en los municipios de Tizimín, Río Lagartos y San Felipe, en el estado de Yucatán, con una superficie total de 827-35-91.71 hectáreas (OCHOCIENTAS VEINTISIETE HECTÁREAS, TREINTA Y CINCO ÁREAS, NOVENTA Y UNA PUNTO SETENTA Y UNA CENTIÁREAS). En el área se ubican seis zonas de amortiguamiento con una superficie de 85-05-64.46 hectáreas (OCHENTA Y CINCO HECTÁREAS, CINCO ÁREAS, SESENTA Y CUATRO PUNTO CUARENTA Y SEIS CENTIÁREAS) y cinco zonas núcleo con una superficie de 742-30-27.25 hectáreas (SETECIENTAS CUARENTA Y DOS HECTÁREAS, TREINTA ÁREAS, VEINTISIETE PUNTO VEINTICINCO CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Ría Lagartos, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 16 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0

**El Polígono General se conforma por 5 polígonos, que se describen a continuación:**

**(Superficie total 827-35-91.71 hectáreas)**

**Polígono 1**

**(Superficie 74-38-34.96 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 378,348.754700  | 2,390,036.651100 |
| 1 - 2   | 35.81                 | 24°31'12"SE | 2           | 378,363.617800  | 2,390,004.067300 |
| 2 - 3   | 52.72                 | 61°15'16"SE | 3           | 378,409.843700  | 2,389,978.711700 |
| 3 - 4   | 34.84                 | 54°46'16"SW | 4           | 378,381.383100  | 2,389,958.613600 |
| 4 - 5   | 40.41                 | 68°13'22"SW | 5           | 378,343.856900  | 2,389,943.621600 |
| 5 - 6   | 75.31                 | 58°40'36"SW | 6           | 378,279.527700  | 2,389,904.473200 |
| 6 - 7   | 124.64                | 63°17'49"SW | 7           | 378,168.184000  | 2,389,848.466200 |
| 7 - 8   | 79.90                 | 69°50'40"SW | 8           | 378,093.175600  | 2,389,820.934600 |
| 8 - 9   | 87.88                 | 73°16'14"SW | 9           | 378,009.011700  | 2,389,795.637200 |
| 9 - 10  | 83.14                 | 61°15'48"SW | 10          | 377,936.112300  | 2,389,755.665500 |
| 10 - 11 | 71.54                 | 77°56'46"SW | 11          | 377,866.146800  | 2,389,740.725300 |
| 11 - 12 | 75.12                 | 69°26'46"SW | 12          | 377,795.804800  | 2,389,714.350300 |
| 12 - 13 | 20.99                 | 70°07'57"SW | 13          | 377,776.064100  | 2,389,707.217000 |
| 13 - 14 | 31.85                 | 67°12'18"SW | 14          | 377,746.699000  | 2,389,694.876200 |
| 14 - 15 | 38.21                 | 70°16'36"SW | 15          | 377,710.727700  | 2,389,681.980100 |
| 15 - 16 | 37.49                 | 70°16'13"SW | 16          | 377,675.440400  | 2,389,669.324900 |
| 16 - 17 | 62.57                 | 70°27'29"SW | 17          | 377,616.473200  | 2,389,648.395200 |
| 17 - 18 | 40.09                 | 71°26'47"SW | 18          | 377,578.470600  | 2,389,635.640200 |
| 18 - 19 | 26.97                 | 60°13'04"SW | 19          | 377,555.063400  | 2,389,622.244500 |
| 19 - 20 | 51.03                 | 63°15'37"SW | 20          | 377,509.488800  | 2,389,599.283400 |
| 20 - 21 | 121.60                | 82°49'31"SW | 21          | 377,388.837000  | 2,389,584.095900 |
| 21 - 22 | 76.63                 | 69°57'43"SW | 22          | 377,316.841100  | 2,389,557.837400 |
| 22 - 23 | 92.46                 | 76°55'25"SW | 23          | 377,226.777200  | 2,389,536.918000 |
| 23 - 24 | 79.59                 | 77°12'37"SW | 24          | 377,149.161100  | 2,389,519.298700 |
| 24 - 25 | 67.69                 | 76°45'57"SW | 25          | 377,083.267800  | 2,389,503.802400 |
| 25 - 26 | 28.13                 | 75°51'40"SW | 26          | 377,055.991200  | 2,389,496.931400 |
| 26 - 27 | 38.40                 | 79°11'13"SW | 27          | 377,018.274200  | 2,389,489.727700 |
| 27 - 28 | 123.15                | 75°35'47"SW | 28          | 376,898.992800  | 2,389,459.093900 |
| 28 - 29 | 80.42                 | 72°42'12"SW | 29          | 376,822.206500  | 2,389,435.182700 |
| 29 - 30 | 48.00                 | 71°18'17"SW | 30          | 376,776.736300  | 2,389,419.796100 |
| 30 - 31 | 64.32                 | 70°41'53"SW | 31          | 376,716.032800  | 2,389,398.536000 |
| 31 - 32 | 35.58                 | 65°42'20"SW | 32          | 376,683.607600  | 2,389,383.899300 |
| 32 - 33 | 32.07                 | 69°31'32"SW | 33          | 376,653.562400  | 2,389,372.681200 |
| 33 - 34 | 63.02                 | 64°40'39"SW | 34          | 376,596.600100  | 2,389,345.727900 |
| 34 - 35 | 48.11                 | 66°46'17"SW | 35          | 376,552.389600  | 2,389,326.753200 |
| 35 - 36 | 78.34                 | 67°15'21"SW | 36          | 376,480.139600  | 2,389,296.465300 |
| 36 - 37 | 51.75                 | 55°18'42"SW | 37          | 376,437.587700  | 2,389,267.013800 |

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
| 37 - 38 | 74.68                 | 72°36'26"SW | 38          | 376,366.320200  | 2,389,244.689800 |
| 38 - 39 | 50.36                 | 63°16'13"SW | 39          | 376,321.342200  | 2,389,222.039000 |
| 39 - 40 | 53.46                 | 57°01'09"SW | 40          | 376,276.493600  | 2,389,192.935400 |
| 40 - 41 | 85.17                 | 66°53'04"SW | 41          | 376,198.165400  | 2,389,159.500900 |
| 41 - 42 | 142.44                | 60°01'37"SW | 42          | 376,074.774300  | 2,389,088.338700 |
| 42 - 43 | 197.69                | 57°50'33"SW | 43          | 375,907.414600  | 2,388,983.120000 |
| 43 - 44 | 83.59                 | 67°47'54"SW | 44          | 375,830.022200  | 2,388,951.534300 |
| 44 - 45 | 45.61                 | 68°07'20"SW | 45          | 375,787.697500  | 2,388,934.539100 |
| 45 - 46 | 103.07                | 51°07'13"SW | 46          | 375,707.464200  | 2,388,869.846100 |
| 46 - 47 | 67.18                 | 65°14'51"SW | 47          | 375,646.452700  | 2,388,841.716300 |
| 47 - 48 | 78.35                 | 48°11'27"SW | 48          | 375,588.054100  | 2,388,789.485200 |
| 48 - 49 | 110.85                | 63°54'48"SW | 49          | 375,488.495100  | 2,388,740.741000 |
| 49 - 50 | 125.95                | 61°09'33"SW | 50          | 375,378.165900  | 2,388,679.985200 |
| 50 - 51 | 81.55                 | 61°40'32"SW | 51          | 375,306.377000  | 2,388,641.291500 |
| 51 - 52 | 84.37                 | 55°47'21"SW | 52          | 375,236.605300  | 2,388,593.855900 |
| 52 - 53 | 62.21                 | 68°15'38"SW | 53          | 375,178.820100  | 2,388,570.814400 |
| 53 - 54 | 90.62                 | 54°14'10"SW | 54          | 375,105.289600  | 2,388,517.853100 |
| 54 - 55 | 205.54                | 51°27'48"SW | 55          | 374,944.513200  | 2,388,389.798800 |
| 55 - 56 | 95.12                 | 53°26'44"SW | 56          | 374,868.103800  | 2,388,333.146800 |
| 56 - 57 | 113.68                | 52°18'01"SW | 57          | 374,778.153900  | 2,388,263.627000 |
| 57 - 58 | 92.19                 | 54°09'32"SW | 58          | 374,703.420900  | 2,388,209.646600 |
| 58 - 59 | 53.37                 | 45°56'13"SW | 59          | 374,665.069800  | 2,388,172.530000 |
| 59 - 60 | 99.60                 | 53°11'22"SW | 60          | 374,585.328100  | 2,388,112.853100 |
| 60 - 61 | 42.72                 | 64°36'37"SW | 61          | 374,546.734300  | 2,388,094.536100 |
| 61 - 62 | 73.44                 | 57°10'38"SW | 62          | 374,485.016200  | 2,388,054.727000 |
| 62 - 63 | 31.60                 | 39°20'34"SW | 63          | 374,464.983600  | 2,388,030.289400 |
| 63 - 64 | 101.17                | 49°31'00"SW | 64          | 374,388.034700  | 2,387,964.607900 |
| 64 - 65 | 163.77                | 59°16'11"SW | 65          | 374,247.260100  | 2,387,880.922100 |
| 65 - 66 | 100.31                | 59°26'15"SW | 66          | 374,160.882700  | 2,387,829.915200 |
| 66 - 67 | 49.50                 | 36°35'13"SW | 67          | 374,131.379000  | 2,387,790.169600 |
| 67 - 68 | 180.98                | 55°41'53"SW | 68          | 373,981.873000  | 2,387,688.176500 |
| 68 - 69 | 31.25                 | 72°44'11"SW | 69          | 373,952.032900  | 2,387,678.903200 |
| 69 - 70 | 35.45                 | 43°58'56"SW | 70          | 373,927.418000  | 2,387,653.398000 |
| 70 - 71 | 57.45                 | 60°18'39"SW | 71          | 373,877.507600  | 2,387,624.942400 |
| 71 - 72 | 115.30                | 56°38'51"SW | 72          | 373,781.195400  | 2,387,561.551000 |
| 72 - 73 | 35.11                 | 83°10'48"SW | 73          | 373,746.337400  | 2,387,557.382200 |
| 73 - 74 | 144.71                | 55°44'44"SW | 74          | 373,626.725500  | 2,387,475.927800 |
| 74 - 75 | 104.30                | 64°14'57"SW | 75          | 373,532.778900  | 2,387,430.611800 |
| 75 - 76 | 113.68                | 46°38'0SW   | 76          | 373,450.138600  | 2,387,352.553900 |
| 76 - 77 | 214.45                | 60°34'13"SW | 77          | 373,263.361900  | 2,387,247.183600 |
| 77 - 78 | 130.98                | 61°04'28"SW | 78          | 373,148.724000  | 2,387,183.833900 |
| 78 - 79 | 19.81                 | 47°16'40"SW | 79          | 373,134.174200  | 2,387,170.397300 |
| 79 - 80 | 69.33                 | 60°48'48"SW | 80          | 373,073.647700  | 2,387,136.588700 |
| 80 - 81 | 79.10                 | 69°08'34"SW | 81          | 372,999.735200  | 2,387,108.427500 |
| 81 - 82 | 85.89                 | 61°40'55"SW | 82          | 372,924.119800  | 2,387,067.682500 |
| 82 - 83 | 60.16                 | 64°25'51"SW | 83          | 372,869.855700  | 2,387,041.719600 |
| 83 - 84 | 145.01                | 73°50'54"SW | 84          | 372,730.571900  | 2,387,001.381700 |
| 84 - 85 | 49.49                 | 79°07'52"SW | 85          | 372,681.969900  | 2,386,992.049800 |
| 85 - 86 | 32.39                 | 80°56'30"SW | 86          | 372,649.979900  | 2,386,986.949700 |
| 86 - 87 | 151.37                | 57°15'29"SW | 87          | 372,522.663100  | 2,386,905.082200 |
| 87 - 88 | 138.31                | 26°42'10"NW | 88          | 372,460.513500  | 2,387,028.637100 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 6,693.66 metros hasta llegar al vértice 1.

**Zona Núcleo**  
**“San Felipe”**  
**(Superficie 68-35-60.00 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 377,472.726000  | 2,389,676.640000 |
| 1 - 2   | 85.65                 | 25°25'07"SE | 2           | 377,509.488800  | 2,389,599.283400 |
| 2 - 3   | 121.60                | 82°49'31"SW | 3           | 377,388.837000  | 2,389,584.095900 |
| 3 - 4   | 76.63                 | 69°57'43"SW | 4           | 377,316.841100  | 2,389,557.837400 |
| 4 - 5   | 92.46                 | 76°55'25"SW | 5           | 377,226.777200  | 2,389,536.918000 |
| 5 - 6   | 79.59                 | 77°12'37"SW | 6           | 377,149.161100  | 2,389,519.298700 |
| 6 - 7   | 67.69                 | 76°45'57"SW | 7           | 377,083.267800  | 2,389,503.802400 |
| 7 - 8   | 28.13                 | 75°51'40"SW | 8           | 377,055.991200  | 2,389,496.931400 |
| 8 - 9   | 38.40                 | 79°11'13"SW | 9           | 377,018.274200  | 2,389,489.727700 |
| 9 - 10  | 123.15                | 75°35'47"SW | 10          | 376,898.992800  | 2,389,459.093900 |
| 10 - 11 | 80.42                 | 72°42'12"SW | 11          | 376,822.206500  | 2,389,435.182700 |
| 11 - 12 | 48.00                 | 71°18'17"SW | 12          | 376,776.736300  | 2,389,419.796100 |
| 12 - 13 | 64.32                 | 70°41'53"SW | 13          | 376,716.032800  | 2,389,398.536000 |
| 13 - 14 | 35.58                 | 65°42'20"SW | 14          | 376,683.607600  | 2,389,383.899300 |
| 14 - 15 | 32.07                 | 69°31'32"SW | 15          | 376,653.562400  | 2,389,372.681200 |
| 15 - 16 | 63.02                 | 64°40'39"SW | 16          | 376,596.600100  | 2,389,345.727900 |
| 16 - 17 | 48.11                 | 66°46'17"SW | 17          | 376,552.389600  | 2,389,326.753200 |
| 17 - 18 | 78.34                 | 67°15'21"SW | 18          | 376,480.139600  | 2,389,296.465300 |
| 18 - 19 | 51.75                 | 55°18'42"SW | 19          | 376,437.587700  | 2,389,267.013800 |
| 19 - 20 | 74.68                 | 72°36'26"SW | 20          | 376,366.320200  | 2,389,244.689800 |
| 20 - 21 | 50.36                 | 63°16'13"SW | 21          | 376,321.342200  | 2,389,222.039000 |
| 21 - 22 | 53.46                 | 57°01'09"SW | 22          | 376,276.493600  | 2,389,192.935400 |
| 22 - 23 | 85.17                 | 66°53'04"SW | 23          | 376,198.165400  | 2,389,159.500900 |
| 23 - 24 | 142.44                | 60°01'37"SW | 24          | 376,074.774300  | 2,389,088.338700 |
| 24 - 25 | 197.69                | 57°50'33"SW | 25          | 375,907.414600  | 2,388,983.120000 |
| 25 - 26 | 83.59                 | 67°47'54"SW | 26          | 375,830.022200  | 2,388,951.534300 |
| 26 - 27 | 45.61                 | 68°07'20"SW | 27          | 375,787.697500  | 2,388,934.539100 |
| 27 - 28 | 103.07                | 51°07'13"SW | 28          | 375,707.464200  | 2,388,869.846100 |
| 28 - 29 | 67.18                 | 65°14'51"SW | 29          | 375,646.452700  | 2,388,841.716300 |
| 29 - 30 | 78.35                 | 48°11'27"SW | 30          | 375,588.054100  | 2,388,789.485200 |
| 30 - 31 | 110.85                | 63°54'48"SW | 31          | 375,488.495100  | 2,388,740.741000 |
| 31 - 32 | 125.95                | 61°09'33"SW | 32          | 375,378.165900  | 2,388,679.985200 |
| 32 - 33 | 81.55                 | 61°40'32"SW | 33          | 375,306.377000  | 2,388,641.291500 |
| 33 - 34 | 84.37                 | 55°47'21"SW | 34          | 375,236.605300  | 2,388,593.855900 |
| 34 - 35 | 62.21                 | 68°15'38"SW | 35          | 375,178.820100  | 2,388,570.814400 |
| 35 - 36 | 90.62                 | 54°14'10"SW | 36          | 375,105.289600  | 2,388,517.853100 |
| 36 - 37 | 205.54                | 51°27'48"SW | 37          | 374,944.513200  | 2,388,389.798800 |
| 37 - 38 | 95.12                 | 53°26'44"SW | 38          | 374,868.103800  | 2,388,333.146800 |
| 38 - 39 | 113.68                | 52°18'01"SW | 39          | 374,778.153900  | 2,388,263.627000 |
| 39 - 40 | 92.19                 | 54°09'32"SW | 40          | 374,703.420900  | 2,388,209.646600 |
| 40 - 41 | 53.37                 | 45°56'13"SW | 41          | 374,665.069800  | 2,388,172.530000 |
| 41 - 42 | 99.60                 | 53°11'22"SW | 42          | 374,585.328100  | 2,388,112.853100 |
| 42 - 43 | 42.72                 | 64°36'37"SW | 43          | 374,546.734300  | 2,388,094.536100 |
| 43 - 44 | 73.44                 | 57°10'38"SW | 44          | 374,485.016200  | 2,388,054.727000 |
| 44 - 45 | 31.60                 | 39°20'34"SW | 45          | 374,464.983600  | 2,388,030.289400 |
| 45 - 46 | 101.17                | 49°31'00"SW | 46          | 374,388.034700  | 2,387,964.607900 |
| 46 - 47 | 163.77                | 59°16'11"SW | 47          | 374,247.260100  | 2,387,880.922100 |
| 47 - 48 | 100.31                | 59°26'15"SW | 48          | 374,160.882700  | 2,387,829.915200 |
| 48 - 49 | 49.50                 | 36°35'13"SW | 49          | 374,131.379000  | 2,387,790.169600 |
| 49 - 50 | 180.98                | 55°41'53"SW | 50          | 373,981.873000  | 2,387,688.176500 |

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
| 50 - 51 | 31.25                 | 72°44'11"SW | 51          | 373,952.032900  | 2,387,678.903200 |
| 51 - 52 | 35.45                 | 43°58'56"SW | 52          | 373,927.418000  | 2,387,653.398000 |
| 52 - 53 | 57.45                 | 60°18'39"SW | 53          | 373,877.507600  | 2,387,624.942400 |
| 53 - 54 | 115.30                | 56°38'51"SW | 54          | 373,781.195400  | 2,387,561.551000 |
| 54 - 55 | 35.11                 | 83°10'48"SW | 55          | 373,746.337400  | 2,387,557.382200 |
| 55 - 56 | 144.71                | 55°44'44"SW | 56          | 373,626.725500  | 2,387,475.927800 |
| 56 - 57 | 104.30                | 64°14'57"SW | 57          | 373,532.778900  | 2,387,430.611800 |
| 57 - 58 | 113.68                | 46°38'00"SW | 58          | 373,450.138600  | 2,387,352.553900 |
| 58 - 59 | 214.45                | 60°34'13"SW | 59          | 373,263.361900  | 2,387,247.183600 |
| 59 - 60 | 130.98                | 61°04'28"SW | 60          | 373,148.724000  | 2,387,183.833900 |
| 60 - 61 | 19.81                 | 47°16'40"SW | 61          | 373,134.174200  | 2,387,170.397300 |
| 61 - 62 | 69.33                 | 60°48'48"SW | 62          | 373,073.647700  | 2,387,136.588700 |
| 62 - 63 | 79.10                 | 69°08'34"SW | 63          | 372,999.735200  | 2,387,108.427500 |
| 63 - 64 | 85.89                 | 61°40'55"SW | 64          | 372,924.119800  | 2,387,067.682500 |
| 64 - 65 | 60.16                 | 64°25'51"SW | 65          | 372,869.855700  | 2,387,041.719600 |
| 65 - 66 | 145.01                | 73°50'54"SW | 66          | 372,730.571900  | 2,387,001.381700 |
| 66 - 67 | 49.49                 | 79°07'52"SW | 67          | 372,681.969900  | 2,386,992.049800 |
| 67 - 68 | 32.39                 | 80°56'30"SW | 68          | 372,649.979900  | 2,386,986.949700 |
| 68 - 69 | 151.37                | 57°15'29"SW | 69          | 372,522.663200  | 2,386,905.082200 |
| 69 - 70 | 138.31                | 26°42'10"NW | 70          | 372,460.513500  | 2,387,028.637100 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 5,726.45 metros hasta llegar al vértice 1.

### Zona de Amortiguamiento

#### “Río Lagartos”

(Superficie 6-02-74.96 hectáreas)

| Est-PV                                                                                                                                                                 | Rumbo       | Distancia<br>(metros) | Vértice no. | Coordenadas UTM |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-------------|-----------------|------------------|
|                                                                                                                                                                        |             |                       |             | X               | Y                |
| 1 - 2                                                                                                                                                                  | 25°25'07"NW | 85.65                 | 1           | 377,509.488800  | 2,389,599.283400 |
|                                                                                                                                                                        |             |                       | 2           | 377,472.726000  | 2,389,676.640000 |
| Partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 100 metros hasta llegar al vértice 3. |             |                       |             |                 |                  |
| 3 - 4                                                                                                                                                                  | 24°31'12"SE | 35.81                 | 3           | 378,348.754700  | 2,390,036.651100 |
|                                                                                                                                                                        |             |                       | 4           | 378,363.617800  | 2,390,004.067300 |
| 4 - 5                                                                                                                                                                  | 61°15'16"SE | 52.72                 | 5           | 378,409.843700  | 2,389,978.711700 |
| 5 - 6                                                                                                                                                                  | 54°46'16"SW | 34.84                 | 6           | 378,381.383100  | 2,389,958.613600 |
| 6 - 7                                                                                                                                                                  | 68°13'22"SW | 40.41                 | 7           | 378,343.856900  | 2,389,943.621600 |
| 7 - 8                                                                                                                                                                  | 58°40'36"SW | 75.31                 | 8           | 378,279.527700  | 2,389,904.473200 |
| 8 - 9                                                                                                                                                                  | 63°17'49"SW | 124.64                | 9           | 378,168.184000  | 2,389,848.466200 |
| 9 - 10                                                                                                                                                                 | 69°50'40"SW | 79.90                 | 10          | 378,093.175600  | 2,389,820.934600 |
| 10 - 11                                                                                                                                                                | 73°16'14"SW | 87.88                 | 11          | 378,009.011700  | 2,389,795.637200 |
| 11 - 12                                                                                                                                                                | 61°15'48"SW | 83.14                 | 12          | 377,936.112300  | 2,389,755.665500 |
| 12 - 13                                                                                                                                                                | 77°56'46"SW | 71.54                 | 13          | 377,866.146800  | 2,389,740.725300 |
| 13 - 14                                                                                                                                                                | 69°26'46"SW | 75.12                 | 14          | 377,795.804800  | 2,389,714.350300 |
| 14 - 15                                                                                                                                                                | 70°07'57"SW | 20.99                 | 15          | 377,776.064100  | 2,389,707.217000 |
| 15 - 16                                                                                                                                                                | 67°12'18"SW | 31.85                 | 16          | 377,746.699000  | 2,389,694.876200 |
| 16 - 17                                                                                                                                                                | 70°16'36"SW | 38.21                 | 17          | 377,710.727700  | 2,389,681.980100 |
| 17 - 18                                                                                                                                                                | 70°16'13"SW | 37.49                 | 18          | 377,675.440400  | 2,389,669.324900 |
| 18 - 19                                                                                                                                                                | 70°27'29"SW | 62.57                 | 19          | 377,616.473200  | 2,389,648.395200 |
| 19 - 20                                                                                                                                                                | 71°26'47"SW | 40.09                 | 20          | 377,578.470600  | 2,389,635.640200 |
| 20 - 21                                                                                                                                                                | 60°13'04"SW | 26.97                 | 21          | 377,555.063400  | 2,389,622.244500 |
| 21 - 1                                                                                                                                                                 | 63°15'37"SW | 51.03                 | 1           |                 |                  |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 947.12 metros hasta llegar al vértice 3.

**Polígono 2**  
**(Superficie 131-18-27.59 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 382,699.328400  | 2,391,649.388300 |
| 1 - 2   | 55.35                 | 88°58'06"SW | 2           | 382,643.990100  | 2,391,648.391900 |
| 2 - 3   | 53.18                 | 89°39'05"SW | 3           | 382,590.814400  | 2,391,648.068600 |
| 3 - 4   | 14.97                 | 86°56'23"NW | 4           | 382,575.870200  | 2,391,648.867500 |
| 4 - 5   | 7.39                  | 73°42'38"SW | 5           | 382,568.779900  | 2,391,646.795600 |
| 5 - 6   | 126.69                | 87°47'21"SW | 6           | 382,442.180700  | 2,391,641.908500 |
| 6 - 7   | 234.66                | 88°03'17"SW | 7           | 382,207.657500  | 2,391,633.943100 |
| 7 - 8   | 35.96                 | 79°53'33"SW | 8           | 382,172.253300  | 2,391,627.631900 |
| 8 - 9   | 66.55                 | 87°11'40"SW | 9           | 382,105.778800  | 2,391,624.374600 |
| 9 - 10  | 145.68                | 86°17'44"SW | 10          | 381,960.407100  | 2,391,614.963000 |
| 10 - 11 | 32.38                 | 79°27'00"SW | 11          | 381,928.576900  | 2,391,609.034900 |
| 11 - 12 | 168.98                | 82°19'09"SW | 12          | 381,761.117900  | 2,391,586.450700 |
| 12 - 13 | 38.56                 | 78°54'50"SW | 13          | 381,723.279700  | 2,391,579.036800 |
| 13 - 14 | 85.37                 | 81°16'09"SW | 14          | 381,638.901100  | 2,391,566.078700 |
| 14 - 15 | 58.17                 | 78°48'07"SW | 15          | 381,581.835400  | 2,391,554.781500 |
| 15 - 16 | 191.50                | 75°20'38"SW | 16          | 381,396.571200  | 2,391,506.330200 |
| 16 - 17 | 165.99                | 78°00'33"SW | 17          | 381,234.199600  | 2,391,471.844400 |
| 17 - 18 | 62.03                 | 73°40'13"SW | 18          | 381,174.673500  | 2,391,454.404400 |
| 18 - 19 | 36.71                 | 52°54'18"NW | 19          | 381,145.391700  | 2,391,476.546000 |
| 19 - 20 | 217.77                | 72°51'26"SW | 20          | 380,937.294200  | 2,391,412.357700 |
| 20 - 21 | 64.70                 | 71°55'37"SW | 21          | 380,875.786700  | 2,391,392.286000 |
| 21 - 22 | 62.60                 | 69°16'25"SW | 22          | 380,817.241500  | 2,391,370.132900 |
| 22 - 23 | 75.38                 | 76°39'44"SW | 23          | 380,743.899200  | 2,391,352.744800 |
| 23 - 24 | 102.88                | 69°53'46"SW | 24          | 380,647.287000  | 2,391,317.382800 |
| 24 - 25 | 30.30                 | 77°23'31"SW | 25          | 380,617.720700  | 2,391,310.769600 |
| 25 - 26 | 54.41                 | 72°40'15"SW | 26          | 380,565.783300  | 2,391,294.564000 |
| 26 - 27 | 32.53                 | 75°53'56"SW | 27          | 380,534.230100  | 2,391,286.637800 |
| 27 - 28 | 57.93                 | 74°13'17"SW | 28          | 380,478.484600  | 2,391,270.885900 |
| 28 - 29 | 37.73                 | 73°19'21"SW | 29          | 380,442.338400  | 2,391,260.057000 |
| 29 - 30 | 56.24                 | 62°02'31"SW | 30          | 380,392.665500  | 2,391,233.692200 |
| 30 - 31 | 56.13                 | 76°53'02"SW | 31          | 380,337.995600  | 2,391,220.954100 |
| 31 - 32 | 71.62                 | 67°51'00"SW | 32          | 380,271.664000  | 2,391,193.952400 |
| 32 - 33 | 76.18                 | 68°14'56"SW | 33          | 380,200.908300  | 2,391,165.722400 |
| 33 - 34 | 37.32                 | 25°26'27"SW | 34          | 380,184.877800  | 2,391,132.024300 |
| 34 - 35 | 89.98                 | 73°19'16"SW | 35          | 380,098.680700  | 2,391,106.198800 |
| 35 - 36 | 46.18                 | 23°36'31"SW | 36          | 380,080.185800  | 2,391,063.883200 |
| 36 - 37 | 88.86                 | 64°38'33"SW | 37          | 379,999.889300  | 2,391,025.828900 |
| 37 - 38 | 37.41                 | 89°46'58"NW | 38          | 379,962.482900  | 2,391,025.970700 |
| 38 - 39 | 103.09                | 63°40'40"SW | 39          | 379,870.077700  | 2,390,980.257100 |
| 39 - 40 | 115.01                | 70°19'04"SW | 40          | 379,761.787800  | 2,390,941.521900 |
| 40 - 41 | 162.34                | 67°35'31"SW | 41          | 379,611.707400  | 2,390,879.638700 |
| 41 - 42 | 125.69                | 65°14'46"SW | 42          | 379,497.564400  | 2,390,827.008800 |
| 42 - 43 | 37.08                 | 77°36'09"NW | 43          | 379,461.347900  | 2,390,834.969700 |
| 43 - 44 | 66.88                 | 59°42'45"SW | 44          | 379,403.600700  | 2,390,801.242100 |
| 44 - 45 | 95.87                 | 69°42'33"SW | 45          | 379,313.682600  | 2,390,767.997200 |
| 45 - 46 | 191.50                | 65°09'37"SW | 46          | 379,139.896000  | 2,390,687.550300 |
| 46 - 47 | 78.08                 | 69°14'35"SW | 47          | 379,066.882600  | 2,390,659.877900 |
| 47 - 48 | 162.19                | 78°03'33"SW | 48          | 378,908.197200  | 2,390,626.320100 |
| 48 - 49 | 96.62                 | 67°01'06"SW | 49          | 378,819.247400  | 2,390,588.597000 |
| 49 - 50 | 61.84                 | 73°40'51"SW | 50          | 378,759.902600  | 2,390,571.222000 |

|         |        |             |    |                |                  |
|---------|--------|-------------|----|----------------|------------------|
| 50 - 51 | 68.01  | 72°53'24"SW | 51 | 378,694.906800 | 2,390,551.214600 |
| 51 - 52 | 39.75  | 65°36'22"SW | 52 | 378,658.701700 | 2,390,534.796000 |
| 52 - 53 | 45.75  | 81°45'10"SW | 53 | 378,613.422900 | 2,390,528.233300 |
| 53 - 54 | 28.35  | 49°18'52"SW | 54 | 378,591.926700 | 2,390,509.753200 |
| 54 - 55 | 113.36 | 72°49'29"SW | 55 | 378,483.620900 | 2,390,476.278500 |
| 55 - 56 | 129.90 | 78°07'04"SW | 56 | 378,356.507700 | 2,390,449.533200 |
| 56 - 57 | 28.51  | 89°13'38"NW | 57 | 378,327.998000 | 2,390,449.917700 |
| 57 - 58 | 120.35 | 59°14'49"SW | 58 | 378,224.574500 | 2,390,388.379800 |
| 58 - 59 | 124.83 | 43°58'34"NW | 59 | 378,137.894300 | 2,390,478.214000 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 4,860.93 metros hasta llegar al vértice 60.

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
|           |        |             | 60  | 395,794.398000 | 2,390,004.505700 |
| 60 - 61   | 31.28  | 09°12'27"SE | 61  | 395,799.402600 | 2,389,973.632900 |
| 61 - 62   | 35.79  | 08°03'39"SE | 62  | 395,804.421600 | 2,389,938.194100 |
| 62 - 63   | 20.01  | 00°00'00"SE | 63  | 395,804.421600 | 2,389,918.182000 |
| 63 - 64   | 117.60 | 89°25'26"NW | 64  | 395,686.831800 | 2,389,919.364400 |
| 64 - 65   | 40.15  | 88°22'51"SW | 65  | 395,646.699000 | 2,389,918.230000 |
| 65 - 66   | 41.47  | 87°48'15"NW | 66  | 395,605.254800 | 2,389,919.819100 |
| 66 - 67   | 29.67  | 88°17'06"SW | 67  | 395,575.601200 | 2,389,918.931300 |
| 67 - 68   | 39.92  | 87°20'06"SW | 68  | 395,535.725100 | 2,389,917.075300 |
| 68 - 69   | 34.77  | 87°39'09"SW | 69  | 395,500.986100 | 2,389,915.651300 |
| 69 - 70   | 41.58  | 88°56'50"SW | 70  | 395,459.412500 | 2,389,914.887500 |
| 70 - 71   | 40.66  | 88°02'04"NW | 71  | 395,418.771800 | 2,389,916.282100 |
| 71 - 72   | 32.58  | 88°31'43"NW | 72  | 395,386.200700 | 2,389,917.118700 |
| 72 - 73   | 32.63  | 88°41'15"NW | 73  | 395,353.581000 | 2,389,917.866000 |
| 73 - 74   | 26.93  | 85°58'05"NW | 74  | 395,326.716900 | 2,389,919.759500 |
| 74 - 75   | 25.70  | 87°27'35"NW | 75  | 395,301.046000 | 2,389,920.898300 |
| 75 - 76   | 28.73  | 86°50'21"NW | 76  | 395,272.361600 | 2,389,922.482300 |
| 76 - 77   | 34.47  | 89°49'14"SW | 77  | 395,237.889100 | 2,389,922.374500 |
| 77 - 78   | 27.91  | 88°40'55"NW | 78  | 395,209.981500 | 2,389,923.016600 |
| 78 - 79   | 43.42  | 87°27'59"SW | 79  | 395,166.602700 | 2,389,921.097300 |
| 79 - 80   | 22.22  | 81°28'25"NW | 80  | 395,144.625100 | 2,389,924.392200 |
| 80 - 81   | 40.87  | 89°01'17"SW | 81  | 395,103.763900 | 2,389,923.694300 |
| 81 - 82   | 40.37  | 89°26'25"SW | 82  | 395,063.399800 | 2,389,923.300100 |
| 82 - 83   | 47.79  | 88°39'18"NW | 83  | 395,015.620300 | 2,389,924.421800 |
| 83 - 84   | 36.11  | 88°59'51"NW | 84  | 394,979.516300 | 2,389,925.053500 |
| 84 - 85   | 48.19  | 88°05'34"SW | 85  | 394,931.350100 | 2,389,923.449600 |
| 85 - 86   | 34.05  | 89°10'42"NW | 86  | 394,897.302300 | 2,389,923.937900 |
| 86 - 87   | 23.96  | 88°48'01"SW | 87  | 394,873.345800 | 2,389,923.436200 |
| 87 - 88   | 51.48  | 86°44'25"SW | 88  | 394,821.949100 | 2,389,920.509000 |
| 88 - 89   | 24.21  | 88°11'23"SW | 89  | 394,797.748400 | 2,389,919.744200 |
| 89 - 90   | 21.55  | 87°31'10"NW | 90  | 394,776.217100 | 2,389,920.676900 |
| 90 - 91   | 46.74  | 89°09'10"SW | 91  | 394,729.483000 | 2,389,919.985900 |
| 91 - 92   | 64.25  | 87°06'32"SW | 92  | 394,665.314000 | 2,389,916.745500 |
| 92 - 93   | 44.50  | 88°28'09"NW | 93  | 394,620.833600 | 2,389,917.934200 |
| 93 - 94   | 81.03  | 89°29'44"NW | 94  | 394,539.810200 | 2,389,918.647300 |
| 94 - 95   | 40.98  | 83°56'42"NW | 95  | 394,499.061800 | 2,389,922.969600 |
| 95 - 96   | 43.11  | 86°50'17"NW | 96  | 394,456.016400 | 2,389,925.347500 |
| 96 - 97   | 38.23  | 89°29'54"NW | 97  | 394,417.792600 | 2,389,925.682100 |
| 97 - 98   | 28.13  | 89°16'20"SW | 98  | 394,389.664900 | 2,389,925.324800 |
| 98 - 99   | 14.37  | 85°21'41"NW | 99  | 394,375.342800 | 2,389,926.486800 |
| 99 - 100  | 51.48  | 89°27'26"SW | 100 | 394,323.865400 | 2,389,925.999300 |
| 100 - 101 | 33.38  | 79°55'05"NW | 101 | 394,291.005600 | 2,389,931.841700 |
| 101 - 102 | 46.84  | 83°33'53"SW | 102 | 394,244.460400 | 2,389,926.591800 |
| 102 - 103 | 38.73  | 84°32'01"NW | 103 | 394,205.903200 | 2,389,930.281500 |

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
| 103 - 104 | 26.61  | 87°49'19"SW | 104 | 394,179.309100 | 2,389,929.270100 |
| 104 - 105 | 42.72  | 84°54'15"NW | 105 | 394,136.758700 | 2,389,933.064500 |
| 105 - 106 | 36.76  | 89°23'08"NW | 106 | 394,099.995900 | 2,389,933.458600 |
| 106 - 107 | 50.23  | 89°44'22"SW | 107 | 394,049.765300 | 2,389,933.230300 |
| 107 - 108 | 16.99  | 82°19'12"SW | 108 | 394,032.923200 | 2,389,930.959200 |
| 108 - 109 | 73.35  | 83°53'38"NW | 109 | 393,959.988900 | 2,389,938.761400 |
| 109 - 110 | 63.78  | 88°21'00"NW | 110 | 393,896.235000 | 2,389,940.597600 |
| 110 - 111 | 30.51  | 89°33'02"NW | 111 | 393,865.721700 | 2,389,940.836900 |
| 111 - 112 | 51.73  | 85°29'22"NW | 112 | 393,814.156100 | 2,389,944.904700 |
| 112 - 113 | 42.92  | 87°12'59"NW | 113 | 393,771.290500 | 2,389,946.988700 |
| 113 - 114 | 59.38  | 87°04'09"NW | 114 | 393,711.986900 | 2,389,950.024800 |
| 114 - 115 | 46.30  | 88°26'32"NW | 115 | 393,665.704900 | 2,389,951.283400 |
| 115 - 116 | 33.99  | 88°24'56"SW | 116 | 393,631.732800 | 2,389,950.343800 |
| 116 - 117 | 34.69  | 87°44'08"NW | 117 | 393,597.067200 | 2,389,951.714500 |
| 117 - 118 | 44.86  | 89°26'27"SW | 118 | 393,552.208900 | 2,389,951.276800 |
| 118 - 119 | 39.23  | 89°03'02"SW | 119 | 393,512.984300 | 2,389,950.626900 |
| 119 - 120 | 40.81  | 89°50'02"SW | 120 | 393,472.178000 | 2,389,950.508700 |
| 120 - 121 | 34.69  | 87°36'13"NW | 121 | 393,437.516300 | 2,389,951.959200 |
| 121 - 122 | 50.60  | 88°11'54"NW | 122 | 393,386.941700 | 2,389,953.550000 |
| 122 - 123 | 15.16  | 73°51'12"SW | 123 | 393,372.380800 | 2,389,949.334400 |
| 123 - 124 | 58.23  | 85°36'36"NW | 124 | 393,314.317500 | 2,389,953.791700 |
| 124 - 125 | 47.49  | 82°58'01"NW | 125 | 393,267.180500 | 2,389,959.606900 |
| 125 - 126 | 59.02  | 86°40'14"NW | 126 | 393,208.262400 | 2,389,963.034400 |
| 126 - 127 | 49.44  | 84°47'25"NW | 127 | 393,159.025300 | 2,389,967.523700 |
| 127 - 128 | 37.08  | 89°57'00"NW | 128 | 393,121.948700 | 2,389,967.556000 |
| 128 - 129 | 45.71  | 83°48'44"NW | 129 | 393,076.500500 | 2,389,972.483300 |
| 129 - 130 | 30.88  | 71°31'27"NW | 130 | 393,047.210300 | 2,389,982.269800 |
| 130 - 131 | 36.35  | 89°24'28"SW | 131 | 393,010.858100 | 2,389,981.894100 |
| 131 - 132 | 24.77  | 81°24'16"NW | 132 | 392,986.370200 | 2,389,985.595500 |
| 132 - 133 | 37.91  | 87°05'14"NW | 133 | 392,948.512400 | 2,389,987.521600 |
| 133 - 134 | 21.89  | 79°39'07"NW | 134 | 392,926.979200 | 2,389,991.453500 |
| 134 - 135 | 64.19  | 84°17'15"NW | 135 | 392,863.105200 | 2,389,997.842800 |
| 135 - 136 | 61.47  | 82°48'50"NW | 136 | 392,802.117100 | 2,390,005.532300 |
| 136 - 137 | 56.25  | 86°17'19"SW | 137 | 392,745.984600 | 2,390,001.891300 |
| 137 - 138 | 92.67  | 84°28'02"NW | 138 | 392,653.750600 | 2,390,010.825400 |
| 138 - 139 | 14.76  | 70°03'56"SW | 139 | 392,639.870600 | 2,390,005.791500 |
| 139 - 140 | 134.14 | 84°18'56"NW | 140 | 392,506.391500 | 2,390,019.077400 |
| 140 - 141 | 49.01  | 86°04'43"NW | 141 | 392,457.494200 | 2,390,022.429000 |
| 141 - 142 | 75.98  | 85°52'45"NW | 142 | 392,381.705700 | 2,390,027.889100 |
| 142 - 143 | 43.12  | 85°16'01"NW | 143 | 392,338.737100 | 2,390,031.446600 |
| 143 - 144 | 60.32  | 85°51'18"NW | 144 | 392,278.576700 | 2,390,035.806300 |
| 144 - 145 | 35.79  | 85°19'28"NW | 145 | 392,242.902600 | 2,390,038.723800 |
| 145 - 146 | 32.78  | 88°42'34"NW | 146 | 392,210.127000 | 2,390,039.462100 |
| 146 - 147 | 33.47  | 83°40'52"SW | 147 | 392,176.858300 | 2,390,035.778100 |
| 147 - 148 | 50.04  | 79°58'26"NW | 148 | 392,127.582400 | 2,390,044.489800 |
| 148 - 149 | 50.85  | 87°41'41"NW | 149 | 392,076.768900 | 2,390,046.535200 |
| 149 - 150 | 34.85  | 86°20'59"NW | 150 | 392,041.986200 | 2,390,048.754100 |
| 150 - 151 | 50.67  | 86°24'57"NW | 151 | 391,991.410900 | 2,390,051.921800 |
| 151 - 152 | 40.65  | 87°00'08"NW | 152 | 391,950.813900 | 2,390,054.047700 |
| 152 - 153 | 38.93  | 85°33'23"NW | 153 | 391,912.002100 | 2,390,057.063800 |
| 153 - 154 | 58.64  | 86°24'33"NW | 154 | 391,853.472700 | 2,390,060.736700 |
| 154 - 155 | 33.25  | 87°01'33"NW | 155 | 391,820.270600 | 2,390,062.461700 |
| 155 - 156 | 35.86  | 82°51'59"NW | 156 | 391,784.689100 | 2,390,066.914800 |
| 156 - 157 | 89.23  | 83°45'59"NW | 157 | 391,695.991100 | 2,390,076.603100 |
| 157 - 158 | 42.65  | 83°47'27"NW | 158 | 391,653.594600 | 2,390,081.215500 |

|           |        |             |     |                |                  |
|-----------|--------|-------------|-----|----------------|------------------|
| 158 - 159 | 20.63  | 85°54'32"NW | 159 | 391,633.017800 | 2,390,082.687200 |
| 159 - 160 | 40.97  | 84°57'05"NW | 160 | 391,592.205800 | 2,390,086.292500 |
| 160 - 161 | 44.43  | 79°28'19"NW | 161 | 391,548.524800 | 2,390,094.410400 |
| 161 - 162 | 48.03  | 83°44'43"NW | 162 | 391,500.778700 | 2,390,099.643200 |
| 162 - 163 | 36.20  | 85°27'51"NW | 163 | 391,464.696100 | 2,390,102.505600 |
| 163 - 164 | 16.91  | 82°12'19"NW | 164 | 391,447.939700 | 2,390,104.799300 |
| 164 - 165 | 11.90  | 86°41'59"SW | 165 | 391,436.056400 | 2,390,104.114100 |
| 165 - 166 | 58.31  | 79°48'39"NW | 166 | 391,378.670000 | 2,390,114.428200 |
| 166 - 167 | 30.03  | 85°48'18"NW | 167 | 391,348.717000 | 2,390,116.625100 |
| 167 - 168 | 36.51  | 85°18'56"NW | 168 | 391,312.333200 | 2,390,119.606300 |
| 168 - 169 | 35.01  | 75°56'53"NW | 169 | 391,278.372900 | 2,390,128.106200 |
| 169 - 170 | 44.86  | 85°05'15"NW | 170 | 391,233.679000 | 2,390,131.947600 |
| 170 - 171 | 26.07  | 83°05'36"NW | 171 | 391,207.801100 | 2,390,135.082200 |
| 171 - 172 | 43.63  | 80°05'11"NW | 172 | 391,164.822800 | 2,390,142.593600 |
| 172 - 173 | 41.59  | 82°06'28"NW | 173 | 391,123.626800 | 2,390,148.304300 |
| 173 - 174 | 35.84  | 79°32'59"NW | 174 | 391,088.380900 | 2,390,154.805000 |
| 174 - 175 | 22.29  | 86°10'37"SW | 175 | 391,066.140400 | 2,390,153.318900 |
| 175 - 176 | 47.32  | 80°07'59"NW | 176 | 391,019.521400 | 2,390,161.427400 |
| 176 - 177 | 25.97  | 83°10'21"NW | 177 | 390,993.732200 | 2,390,164.515100 |
| 177 - 178 | 35.83  | 83°40'22"NW | 178 | 390,958.123400 | 2,390,168.463300 |
| 178 - 179 | 37.52  | 83°05'54"NW | 179 | 390,920.880000 | 2,390,172.971300 |
| 179 - 180 | 49.54  | 86°29'22"NW | 180 | 390,871.435500 | 2,390,176.004500 |
| 180 - 181 | 41.31  | 79°56'11"NW | 181 | 390,830.756500 | 2,390,183.223700 |
| 181 - 182 | 29.56  | 88°06'02"NW | 182 | 390,801.208800 | 2,390,184.203600 |
| 182 - 183 | 24.69  | 75°51'42"NW | 183 | 390,777.263400 | 2,390,190.235300 |
| 183 - 184 | 49.01  | 89°36'14"SW | 184 | 390,728.250100 | 2,390,189.896600 |
| 184 - 185 | 42.21  | 86°03'35"NW | 185 | 390,686.138200 | 2,390,192.797100 |
| 185 - 186 | 58.28  | 83°25'05"NW | 186 | 390,628.243000 | 2,390,199.477300 |
| 186 - 187 | 50.91  | 84°04'51"NW | 187 | 390,577.606000 | 2,390,204.727200 |
| 187 - 188 | 43.51  | 80°20'07"NW | 188 | 390,534.710300 | 2,390,212.032300 |
| 188 - 189 | 180.07 | 83°37'21"NW | 189 | 390,355.751900 | 2,390,232.034300 |
| 189 - 190 | 85.47  | 83°11'26"NW | 190 | 390,270.887500 | 2,390,242.167800 |
| 190 - 191 | 65.01  | 87°14'21"NW | 191 | 390,205.954400 | 2,390,245.298900 |
| 191 - 192 | 26.52  | 89°30'33"SW | 192 | 390,179.436800 | 2,390,245.071800 |
| 192 - 193 | 25.63  | 82°05'42"NW | 193 | 390,154.045400 | 2,390,248.597400 |
| 193 - 194 | 17.30  | 81°11'45"NW | 194 | 390,136.944500 | 2,390,251.246000 |
| 194 - 195 | 28.89  | 85°59'10"NW | 195 | 390,108.127000 | 2,390,253.268100 |
| 195 - 196 | 30.80  | 81°15'46"NW | 196 | 390,077.679900 | 2,390,257.947400 |
| 196 - 197 | 69.35  | 81°29'08"NW | 197 | 390,009.094600 | 2,390,268.215200 |
| 197 - 198 | 71.12  | 82°47'52"NW | 198 | 389,938.534200 | 2,390,277.131800 |
| 198 - 199 | 51.18  | 86°39'55"NW | 199 | 389,887.437800 | 2,390,280.108900 |
| 199 - 200 | 91.50  | 81°36'59"NW | 200 | 389,796.912800 | 2,390,293.450000 |
| 200 - 201 | 56.78  | 88°54'52"NW | 201 | 389,740.139100 | 2,390,294.525600 |
| 201 - 202 | 39.75  | 81°47'12"NW | 202 | 389,700.797500 | 2,390,300.204000 |
| 202 - 203 | 32.03  | 86°46'47"NW | 203 | 389,668.817000 | 2,390,302.003300 |
| 203 - 204 | 36.75  | 84°13'54"NW | 204 | 389,632.255100 | 2,390,305.696700 |
| 204 - 205 | 23.81  | 87°50'12"NW | 205 | 389,608.458700 | 2,390,306.595600 |
| 205 - 206 | 28.68  | 80°07'44"NW | 206 | 389,580.201200 | 2,390,311.512600 |
| 206 - 207 | 17.54  | 82°42'34"NW | 207 | 389,562.802100 | 2,390,313.738500 |
| 207 - 208 | 25.18  | 82°59'34"NW | 208 | 389,537.814900 | 2,390,316.809700 |
| 208 - 209 | 49.04  | 83°51'46"NW | 209 | 389,489.056700 | 2,390,322.052300 |
| 209 - 210 | 39.77  | 81°18'24"NW | 210 | 389,449.740000 | 2,390,328.063800 |
| 210 - 211 | 127.54 | 83°09'24"NW | 211 | 389,323.108800 | 2,390,343.260300 |
| 211 - 212 | 20.80  | 80°50'23"NW | 212 | 389,302.576300 | 2,390,346.571200 |
| 212 - 213 | 14.76  | 80°03'05"NW | 213 | 389,288.036500 | 2,390,349.121500 |



|           |       |             |     |                |                  |
|-----------|-------|-------------|-----|----------------|------------------|
| 213 - 214 | 39.59 | 83°38'09"NW | 214 | 389,248.686200 | 2,390,353.510300 |
| 214 - 215 | 43.45 | 87°24'56"NW | 215 | 389,205.283400 | 2,390,355.469300 |
| 215 - 216 | 39.01 | 79°28'15"NW | 216 | 389,166.932400 | 2,390,362.597300 |
| 216 - 217 | 23.10 | 77°40'21"NW | 217 | 389,144.363200 | 2,390,367.529500 |
| 217 - 218 | 24.72 | 78°32'31"NW | 218 | 389,120.137000 | 2,390,372.439800 |
| 218 - 219 | 33.19 | 74°24'22"NW | 219 | 389,088.165100 | 2,390,381.362700 |
| 219 - 220 | 31.65 | 80°16'01"NW | 220 | 389,056.969300 | 2,390,386.713500 |
| 220 - 221 | 40.11 | 80°21'21"NW | 221 | 389,017.427000 | 2,390,393.432900 |
| 221 - 222 | 23.17 | 80°24'04"NW | 222 | 388,994.579300 | 2,390,397.296800 |
| 222 - 223 | 43.25 | 84°44'15"NW | 223 | 388,951.511300 | 2,390,401.263500 |
| 223 - 224 | 39.94 | 80°13'23"NW | 224 | 388,912.154100 | 2,390,408.045300 |
| 224 - 225 | 31.36 | 77°01'28"NW | 225 | 388,881.594600 | 2,390,415.086700 |
| 225 - 226 | 30.15 | 80°38'23"NW | 226 | 388,851.842800 | 2,390,419.990800 |
| 226 - 227 | 15.99 | 89°12'26"SW | 227 | 388,835.855200 | 2,390,419.769600 |
| 227 - 228 | 30.12 | 77°25'50"NW | 228 | 388,806.455200 | 2,390,426.324700 |
| 228 - 229 | 34.00 | 80°59'29"NW | 229 | 388,772.869900 | 2,390,431.649100 |
| 229 - 230 | 24.10 | 81°57'02"NW | 230 | 388,749.012200 | 2,390,435.023000 |
| 230 - 231 | 45.57 | 81°26'15"NW | 231 | 388,703.954900 | 2,390,441.806900 |
| 231 - 232 | 24.06 | 80°01'46"NW | 232 | 388,680.259400 | 2,390,445.972500 |
| 232 - 233 | 35.19 | 79°51'27"NW | 233 | 388,645.620300 | 2,390,452.169100 |
| 233 - 234 | 31.49 | 79°46'33"NW | 234 | 388,614.629300 | 2,390,457.758700 |
| 234 - 235 | 14.27 | 80°06'37"NW | 235 | 388,600.571800 | 2,390,460.209500 |
| 235 - 236 | 45.49 | 81°17'29"NW | 236 | 388,555.606400 | 2,390,467.096900 |
| 236 - 237 | 24.80 | 82°11'19"NW | 237 | 388,531.033100 | 2,390,470.467900 |
| 237 - 238 | 32.65 | 79°37'31"NW | 238 | 388,498.917000 | 2,390,476.347600 |
| 238 - 239 | 21.24 | 83°30'37"NW | 239 | 388,477.812700 | 2,390,478.748200 |
| 239 - 240 | 31.89 | 78°19'13"NW | 240 | 388,446.580300 | 2,390,485.204500 |
| 240 - 241 | 35.45 | 81°27'17"NW | 241 | 388,411.526700 | 2,390,490.471500 |
| 241 - 242 | 32.62 | 82°08'32"NW | 242 | 388,379.210300 | 2,390,494.931500 |
| 242 - 243 | 17.67 | 77°00'48"NW | 243 | 388,361.995300 | 2,390,498.901600 |
| 243 - 244 | 54.80 | 76°38'40"NW | 244 | 388,308.674200 | 2,390,511.560700 |
| 244 - 245 | 41.06 | 78°14'39"NW | 245 | 388,268.475800 | 2,390,519.926100 |
| 245 - 246 | 41.09 | 80°33'52"NW | 246 | 388,227.944000 | 2,390,526.661800 |
| 246 - 247 | 28.03 | 74°36'49"NW | 247 | 388,200.923300 | 2,390,534.097500 |
| 247 - 248 | 24.08 | 83°35'54"NW | 248 | 388,176.998300 | 2,390,536.781800 |
| 248 - 249 | 96.34 | 77°25'44"NW | 249 | 388,082.966100 | 2,390,557.750400 |
| 249 - 250 | 18.75 | 71°04'33"NW | 250 | 388,065.228200 | 2,390,563.831800 |
| 250 - 251 | 12.23 | 78°33'57"NW | 251 | 388,053.236800 | 2,390,566.257100 |
| 251 - 252 | 11.90 | 82°30'25"NW | 252 | 388,041.434700 | 2,390,567.809400 |
| 252 - 253 | 41.18 | 78°01'49"NW | 253 | 388,001.148000 | 2,390,576.350200 |
| 253 - 254 | 53.63 | 79°08'20"NW | 254 | 387,948.475500 | 2,390,586.456100 |
| 254 - 255 | 49.24 | 78°49'52"NW | 255 | 387,900.167000 | 2,390,595.994100 |
| 255 - 256 | 28.65 | 77°32'14"NW | 256 | 387,872.195200 | 2,390,602.176200 |
| 256 - 257 | 62.64 | 77°04'39"NW | 257 | 387,811.138900 | 2,390,616.185100 |
| 257 - 258 | 77.04 | 77°42'50"NW | 258 | 387,735.864100 | 2,390,632.578500 |
| 258 - 259 | 56.76 | 77°04'47"NW | 259 | 387,680.541800 | 2,390,645.269400 |
| 259 - 260 | 52.87 | 76°30'58"NW | 260 | 387,629.127800 | 2,390,657.597300 |
| 260 - 261 | 62.08 | 76°33'59"NW | 261 | 387,568.747800 | 2,390,672.019000 |
| 261 - 262 | 18.93 | 75°45'06"NW | 262 | 387,550.396300 | 2,390,676.679100 |
| 262 - 263 | 79.22 | 75°36'45"NW | 263 | 387,473.665100 | 2,390,696.362300 |
| 263 - 264 | 36.03 | 76°39'27"NW | 264 | 387,438.603700 | 2,390,704.677800 |
| 264 - 265 | 51.46 | 73°46'29"NW | 265 | 387,389.192100 | 2,390,719.056600 |
| 265 - 266 | 78.25 | 81°08'09"NW | 266 | 387,311.871800 | 2,390,731.114800 |
| 266 - 267 | 7.64  | 35°04'12"NW | 267 | 387,307.484600 | 2,390,737.364100 |
| 267 - 268 | 13.93 | 75°23'59"NW | 268 | 387,294.000400 | 2,390,740.876500 |

|           |       |             |     |                |                  |
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| 268 - 269 | 78.08 | 75°38'59"NW | 269 | 387,218.354300 | 2,390,760.229100 |
| 269 - 270 | 75.19 | 74°11'39"NW | 270 | 387,146.006900 | 2,390,780.709200 |
| 270 - 271 | 41.24 | 73°18'03"NW | 271 | 387,106.509500 | 2,390,792.558300 |
| 271 - 272 | 45.58 | 73°34'57"NW | 272 | 387,062.789900 | 2,390,805.440100 |
| 272 - 273 | 56.85 | 74°07'23"NW | 273 | 387,008.104700 | 2,390,820.993800 |
| 273 - 274 | 36.95 | 73°58'16"NW | 274 | 386,972.595300 | 2,390,831.195300 |
| 274 - 275 | 61.63 | 72°19'08"NW | 275 | 386,913.873400 | 2,390,849.914500 |
| 275 - 276 | 33.12 | 73°02'10"NW | 276 | 386,882.196900 | 2,390,859.577000 |
| 276 - 277 | 33.73 | 73°02'16"NW | 277 | 386,849.937400 | 2,390,869.416400 |
| 277 - 278 | 24.50 | 72°20'51"NW | 278 | 386,826.591600 | 2,390,876.845600 |
| 278 - 279 | 53.80 | 72°30'53"NW | 279 | 386,775.276100 | 2,390,893.010700 |
| 279 - 280 | 46.09 | 72°05'52"NW | 280 | 386,731.413900 | 2,390,907.179500 |
| 280 - 281 | 39.95 | 72°26'24"NW | 281 | 386,693.324300 | 2,390,919.232800 |
| 281 - 282 | 68.43 | 72°17'35"NW | 282 | 386,628.134500 | 2,390,940.046000 |
| 282 - 283 | 58.35 | 72°31'01"NW | 283 | 386,572.478700 | 2,390,957.576100 |
| 283 - 284 | 45.61 | 72°24'02"NW | 284 | 386,529.003900 | 2,390,971.366500 |
| 284 - 285 | 70.37 | 73°13'26"NW | 285 | 386,461.631400 | 2,390,991.676600 |
| 285 - 286 | 47.81 | 72°38'04"NW | 286 | 386,416.001400 | 2,391,005.946000 |
| 286 - 287 | 46.66 | 71°42'35"NW | 287 | 386,371.699800 | 2,391,020.588800 |
| 287 - 288 | 56.98 | 71°39'11"NW | 288 | 386,317.617700 | 2,391,038.523800 |
| 288 - 289 | 61.90 | 70°54'02"NW | 289 | 386,259.123200 | 2,391,058.778500 |
| 289 - 290 | 58.82 | 72°09'12"NW | 290 | 386,203.130600 | 2,391,076.805900 |
| 290 - 291 | 51.83 | 72°16'30"NW | 291 | 386,153.757100 | 2,391,092.586700 |
| 291 - 292 | 37.82 | 71°17'02"NW | 292 | 386,117.935700 | 2,391,104.722700 |
| 292 - 293 | 44.40 | 72°58'39"NW | 293 | 386,075.482200 | 2,391,117.720100 |
| 293 - 294 | 48.82 | 73°51'03"NW | 294 | 386,028.592400 | 2,391,131.297500 |
| 294 - 295 | 17.49 | 72°29'25"NW | 295 | 386,011.917300 | 2,391,136.558200 |
| 295 - 296 | 28.53 | 76°06'06"NW | 296 | 385,984.221300 | 2,391,143.411400 |
| 296 - 297 | 24.09 | 76°16'17"NW | 297 | 385,960.816700 | 2,391,149.129100 |
| 297 - 298 | 59.18 | 79°00'23"NW | 298 | 385,902.726000 | 2,391,160.413900 |
| 298 - 299 | 28.90 | 80°48'47"SW | 299 | 385,874.195900 | 2,391,155.799800 |
| 299 - 300 | 32.74 | 78°24'53"NW | 300 | 385,842.122000 | 2,391,162.375000 |
| 300 - 301 | 44.59 | 77°25'51"NW | 301 | 385,798.597300 | 2,391,172.079200 |
| 301 - 302 | 23.49 | 71°49'39"NW | 302 | 385,776.282900 | 2,391,179.403900 |
| 302 - 303 | 19.73 | 67°41'48"NW | 303 | 385,758.025200 | 2,391,186.893100 |
| 303 - 304 | 12.42 | 70°35'21"NW | 304 | 385,746.307300 | 2,391,191.022100 |
| 304 - 305 | 18.64 | 68°04'53"NW | 305 | 385,729.017200 | 2,391,197.979200 |
| 305 - 306 | 28.74 | 79°40'49"NW | 306 | 385,700.739100 | 2,391,203.128200 |
| 306 - 307 | 23.45 | 65°20'08"NW | 307 | 385,679.430700 | 2,391,212.912900 |
| 307 - 308 | 19.46 | 77°52'46"NW | 308 | 385,660.403400 | 2,391,216.999100 |
| 308 - 309 | 12.46 | 70°51'26"NW | 309 | 385,648.634300 | 2,391,221.084300 |
| 309 - 310 | 30.32 | 79°31'26"NW | 310 | 385,618.822000 | 2,391,226.596800 |
| 310 - 311 | 51.23 | 79°03'54"NW | 311 | 385,568.526900 | 2,391,236.313900 |
| 311 - 312 | 20.14 | 79°26'38"NW | 312 | 385,548.730600 | 2,391,240.002900 |
| 312 - 313 | 42.26 | 78°32'32"NW | 313 | 385,507.315000 | 2,391,248.397100 |
| 313 - 314 | 53.49 | 75°42'01"NW | 314 | 385,455.485400 | 2,391,261.607900 |
| 314 - 315 | 36.01 | 62°43'38"NW | 315 | 385,423.482800 | 2,391,278.106300 |
| 315 - 316 | 69.45 | 77°13'59"NW | 316 | 385,355.753600 | 2,391,293.452600 |
| 316 - 317 | 58.52 | 76°42'10"NW | 317 | 385,298.800500 | 2,391,306.912600 |
| 317 - 318 | 13.24 | 75°44'07"NW | 318 | 385,285.967300 | 2,391,310.175300 |
| 318 - 319 | 49.45 | 74°33'16"NW | 319 | 385,238.304000 | 2,391,323.344700 |
| 319 - 320 | 23.39 | 76°01'30"NW | 320 | 385,215.608900 | 2,391,328.992700 |
| 320 - 321 | 30.72 | 75°58'35"NW | 321 | 385,185.800200 | 2,391,336.437800 |
| 321 - 322 | 35.08 | 76°36'41"NW | 322 | 385,151.675500 | 2,391,344.560200 |
| 322 - 323 | 70.02 | 76°26'39"NW | 323 | 385,083.605600 | 2,391,360.972500 |

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| 323 - 324 | 59.00  | 79°27'44"NW | 324 | 385,025.604300 | 2,391,371.761900 |
| 324 - 325 | 34.95  | 78°17'24"NW | 325 | 384,991.384100 | 2,391,378.854700 |
| 325 - 326 | 88.56  | 78°12'38"NW | 326 | 384,904.694600 | 2,391,396.948200 |
| 326 - 327 | 52.71  | 81°23'04"NW | 327 | 384,852.583400 | 2,391,404.843500 |
| 327 - 328 | 38.00  | 82°10'57"NW | 328 | 384,814.939200 | 2,391,410.011800 |
| 328 - 329 | 40.67  | 82°13'52"NW | 329 | 384,774.642700 | 2,391,415.509300 |
| 329 - 330 | 42.72  | 82°42'32"NW | 330 | 384,732.268800 | 2,391,420.930700 |
| 330 - 331 | 44.75  | 81°45'51"NW | 331 | 384,687.975600 | 2,391,427.341700 |
| 331 - 332 | 57.31  | 81°44'19"NW | 332 | 384,631.256900 | 2,391,435.576800 |
| 332 - 333 | 38.78  | 80°26'44"NW | 333 | 384,593.014600 | 2,391,442.013600 |
| 333 - 334 | 32.15  | 80°57'09"NW | 334 | 384,561.269100 | 2,391,447.068500 |
| 334 - 335 | 29.95  | 81°02'49"NW | 335 | 384,531.685100 | 2,391,451.729200 |
| 335 - 336 | 16.21  | 81°59'46"NW | 336 | 384,515.629800 | 2,391,453.986700 |
| 336 - 337 | 53.43  | 83°55'42"NW | 337 | 384,462.500100 | 2,391,459.637800 |
| 337 - 338 | 33.98  | 80°44'30"NW | 338 | 384,428.964300 | 2,391,465.104400 |
| 338 - 339 | 26.96  | 88°28'29"SW | 339 | 384,402.017900 | 2,391,464.386900 |
| 339 - 340 | 41.79  | 84°10'45"NW | 340 | 384,360.446100 | 2,391,468.624700 |
| 340 - 341 | 29.13  | 85°06'11"NW | 341 | 384,331.421900 | 2,391,471.111300 |
| 341 - 342 | 59.10  | 83°01'16"NW | 342 | 384,272.763500 | 2,391,478.291600 |
| 342 - 343 | 38.80  | 85°14'01"NW | 343 | 384,234.093700 | 2,391,481.515800 |
| 343 - 344 | 35.95  | 64°26'28"NW | 344 | 384,201.659300 | 2,391,497.027000 |
| 344 - 345 | 11.25  | 77°49'51"SW | 345 | 384,190.657800 | 2,391,494.654600 |
| 345 - 346 | 17.99  | 80°53'20"NW | 346 | 384,172.898500 | 2,391,497.502700 |
| 346 - 347 | 56.74  | 75°03'41"NW | 347 | 384,118.079800 | 2,391,512.128200 |
| 347 - 348 | 20.01  | 88°50'16"SW | 348 | 384,098.069700 | 2,391,511.722300 |
| 348 - 349 | 118.87 | 80°43'06"NW | 349 | 383,980.753800 | 2,391,530.894600 |
| 349 - 350 | 26.44  | 66°26'50"NW | 350 | 383,956.518800 | 2,391,541.458700 |
| 350 - 351 | 135.32 | 85°00'12"NW | 351 | 383,821.710700 | 2,391,553.244700 |
| 351 - 352 | 90.84  | 82°36'45"NW | 352 | 383,731.621800 | 2,391,564.925100 |
| 352 - 353 | 37.72  | 80°08'35"NW | 353 | 383,694.460500 | 2,391,571.381900 |
| 353 - 354 | 22.22  | 85°56'27"NW | 354 | 383,672.299100 | 2,391,572.954500 |
| 354 - 355 | 52.80  | 83°17'57"NW | 355 | 383,619.861900 | 2,391,579.115000 |
| 355 - 356 | 44.61  | 83°30'30"NW | 356 | 383,575.542100 | 2,391,584.157900 |
| 356 - 357 | 70.93  | 80°22'54"NW | 357 | 383,505.611500 | 2,391,596.008600 |
| 357 - 358 | 18.79  | 71°24'45"SW | 358 | 383,487.799900 | 2,391,590.018700 |
| 358 - 359 | 64.81  | 82°55'27"NW | 359 | 383,423.479700 | 2,391,598.002600 |
| 359 - 360 | 36.20  | 87°33'59"SW | 360 | 383,387.313700 | 2,391,596.465600 |
| 360 - 361 | 45.31  | 89°54'14"NW | 361 | 383,342.005200 | 2,391,596.541500 |
| 361 - 362 | 44.21  | 83°43'14"NW | 362 | 383,298.056400 | 2,391,601.377500 |
| 362 - 363 | 41.27  | 82°59'51"NW | 363 | 383,257.090500 | 2,391,606.409100 |
| 363 - 364 | 43.35  | 85°55'24"NW | 364 | 383,213.850500 | 2,391,609.490700 |
| 364 - 365 | 39.54  | 83°48'45"NW | 365 | 383,174.538200 | 2,391,613.752700 |
| 365 - 366 | 47.56  | 83°02'31"NW | 366 | 383,127.329000 | 2,391,619.514100 |
| 366 - 367 | 30.20  | 80°11'38"NW | 367 | 383,097.572800 | 2,391,624.657100 |
| 367 - 368 | 14.38  | 84°01'43"NW | 368 | 383,083.271900 | 2,391,626.152900 |
| 368 - 369 | 24.22  | 81°49'46"NW | 369 | 383,059.294500 | 2,391,629.595500 |
| 369 - 370 | 42.10  | 85°25'53"NW | 370 | 383,017.324500 | 2,391,632.949100 |
| 370 - 371 | 68.25  | 85°39'44"NW | 371 | 382,949.267000 | 2,391,638.111400 |
| 371 - 372 | 76.48  | 85°15'07"NW | 372 | 382,873.054400 | 2,391,644.441500 |
| 372 - 373 | 71.19  | 86°17'51"NW | 373 | 382,802.008400 | 2,391,649.038900 |
| 373 - 374 | 28.14  | 89°12'35"NW | 374 | 382,773.875200 | 2,391,649.426900 |
| 374 - 1   | 74.55  | 89°58'13"SW | 1   |                |                  |

**Zona Núcleo**  
**“Río Lagartos”**  
**(Superficie 95-92-51.23 hectáreas)**

| Est-PV                                                                                                                                                                        | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                               |                       |             |             | X               | Y                |
|                                                                                                                                                                               |                       |             | 1           | 378,224.574500  | 2,390,388.379800 |
| 1 - 2                                                                                                                                                                         | 124.83                | 43°58'34"NW | 2           | 378,137.894300  | 2,390,478.214000 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 4,860.93 metros hasta llegar al vértice 3. |                       |             |             |                 |                  |
|                                                                                                                                                                               |                       |             | 3           | 390,675.050400  | 2,390,273.020000 |
| 3 - 4                                                                                                                                                                         | 80.99                 | 07°52'08"SE | 4           | 390,686.138200  | 2,390,192.797100 |
| 4 - 5                                                                                                                                                                         | 58.28                 | 83°25'05"NW | 5           | 390,628.243000  | 2,390,199.477300 |
| 5 - 6                                                                                                                                                                         | 50.91                 | 84°04'51"NW | 6           | 390,577.606000  | 2,390,204.727200 |
| 6 - 7                                                                                                                                                                         | 43.51                 | 80°20'07"NW | 7           | 390,534.710300  | 2,390,212.032300 |
| 7 - 8                                                                                                                                                                         | 180.07                | 83°37'21"NW | 8           | 390,355.751900  | 2,390,232.034300 |
| 8 - 9                                                                                                                                                                         | 85.47                 | 83°11'26"NW | 9           | 390,270.887500  | 2,390,242.167800 |
| 9 - 10                                                                                                                                                                        | 65.01                 | 87°14'21"NW | 10          | 390,205.954400  | 2,390,245.298900 |
| 10 - 11                                                                                                                                                                       | 26.52                 | 89°30'33"SW | 11          | 390,179.436800  | 2,390,245.071800 |
| 11 - 12                                                                                                                                                                       | 25.63                 | 82°05'42"NW | 12          | 390,154.045400  | 2,390,248.597400 |
| 12 - 13                                                                                                                                                                       | 17.30                 | 81°11'45"NW | 13          | 390,136.944500  | 2,390,251.246000 |
| 13 - 14                                                                                                                                                                       | 28.89                 | 85°59'10"NW | 14          | 390,108.127000  | 2,390,253.268100 |
| 14 - 15                                                                                                                                                                       | 30.80                 | 81°15'46"NW | 15          | 390,077.679900  | 2,390,257.947400 |
| 15 - 16                                                                                                                                                                       | 69.35                 | 81°29'08"NW | 16          | 390,009.094600  | 2,390,268.215200 |
| 16 - 17                                                                                                                                                                       | 71.12                 | 82°47'52"NW | 17          | 389,938.534200  | 2,390,277.131800 |
| 17 - 18                                                                                                                                                                       | 51.18                 | 86°39'55"NW | 18          | 389,887.437800  | 2,390,280.108900 |
| 18 - 19                                                                                                                                                                       | 91.50                 | 81°36'59"NW | 19          | 389,796.912800  | 2,390,293.450000 |
| 19 - 20                                                                                                                                                                       | 56.78                 | 88°54'52"NW | 20          | 389,740.139100  | 2,390,294.525600 |
| 20 - 21                                                                                                                                                                       | 39.75                 | 81°47'12"NW | 21          | 389,700.797500  | 2,390,300.204000 |
| 21 - 22                                                                                                                                                                       | 32.03                 | 86°46'47"NW | 22          | 389,668.817000  | 2,390,302.003300 |
| 22 - 23                                                                                                                                                                       | 36.75                 | 84°13'54"NW | 23          | 389,632.255100  | 2,390,305.696700 |
| 23 - 24                                                                                                                                                                       | 23.81                 | 87°50'12"NW | 24          | 389,608.458700  | 2,390,306.595600 |
| 24 - 25                                                                                                                                                                       | 28.68                 | 80°07'44"NW | 25          | 389,580.201200  | 2,390,311.512600 |
| 25 - 26                                                                                                                                                                       | 17.54                 | 82°42'34"NW | 26          | 389,562.802100  | 2,390,313.738500 |
| 26 - 27                                                                                                                                                                       | 25.18                 | 82°59'34"NW | 27          | 389,537.814900  | 2,390,316.809700 |
| 27 - 28                                                                                                                                                                       | 49.04                 | 83°51'46"NW | 28          | 389,489.056700  | 2,390,322.052300 |
| 28 - 29                                                                                                                                                                       | 39.77                 | 81°18'24"NW | 29          | 389,449.740000  | 2,390,328.063800 |
| 29 - 30                                                                                                                                                                       | 127.54                | 83°09'24"NW | 30          | 389,323.108800  | 2,390,343.260300 |
| 30 - 31                                                                                                                                                                       | 20.80                 | 80°50'23"NW | 31          | 389,302.576300  | 2,390,346.571200 |
| 31 - 32                                                                                                                                                                       | 14.76                 | 80°03'05"NW | 32          | 389,288.036500  | 2,390,349.121500 |
| 32 - 33                                                                                                                                                                       | 39.59                 | 83°38'09"NW | 33          | 389,248.686200  | 2,390,353.510300 |
| 33 - 34                                                                                                                                                                       | 43.45                 | 87°24'56"NW | 34          | 389,205.283400  | 2,390,355.469300 |
| 34 - 35                                                                                                                                                                       | 39.01                 | 79°28'15"NW | 35          | 389,166.932400  | 2,390,362.597300 |
| 35 - 36                                                                                                                                                                       | 23.10                 | 77°40'21"NW | 36          | 389,144.363200  | 2,390,367.529500 |
| 36 - 37                                                                                                                                                                       | 24.72                 | 78°32'31"NW | 37          | 389,120.137000  | 2,390,372.439800 |
| 37 - 38                                                                                                                                                                       | 33.19                 | 74°24'22"NW | 38          | 389,088.165100  | 2,390,381.362700 |
| 38 - 39                                                                                                                                                                       | 31.65                 | 80°16'01"NW | 39          | 389,056.969300  | 2,390,386.713500 |
| 39 - 40                                                                                                                                                                       | 40.11                 | 80°21'21"NW | 40          | 389,017.427000  | 2,390,393.432900 |
| 40 - 41                                                                                                                                                                       | 23.17                 | 80°24'04"NW | 41          | 388,994.579300  | 2,390,397.296800 |
| 41 - 42                                                                                                                                                                       | 43.25                 | 84°44'15"NW | 42          | 388,951.511300  | 2,390,401.263500 |
| 42 - 43                                                                                                                                                                       | 39.94                 | 80°13'23"NW | 43          | 388,912.154100  | 2,390,408.045300 |
| 43 - 44                                                                                                                                                                       | 31.36                 | 77°01'28"NW | 44          | 388,881.594600  | 2,390,415.086700 |
| 44 - 45                                                                                                                                                                       | 30.15                 | 80°38'23"NW | 45          | 388,851.842800  | 2,390,419.990800 |

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
| 45 - 46 | 15.99                 | 89°12'26"SW | 46          | 388,835.855200  | 2,390,419.769600 |
| 46 - 47 | 30.12                 | 77°25'50"NW | 47          | 388,806.455200  | 2,390,426.324700 |
| 47 - 48 | 34.00                 | 80°59'29"NW | 48          | 388,772.869900  | 2,390,431.649100 |
| 48 - 49 | 24.10                 | 81°57'02"NW | 49          | 388,749.012200  | 2,390,435.023000 |
| 49 - 50 | 45.57                 | 81°26'15"NW | 50          | 388,703.954900  | 2,390,441.806900 |
| 50 - 51 | 24.06                 | 80°01'46"NW | 51          | 388,680.259400  | 2,390,445.972500 |
| 51 - 52 | 35.19                 | 79°51'27"NW | 52          | 388,645.620300  | 2,390,452.169100 |
| 52 - 53 | 31.49                 | 79°46'33"NW | 53          | 388,614.629300  | 2,390,457.758700 |
| 53 - 54 | 14.27                 | 80°06'37"NW | 54          | 388,600.571800  | 2,390,460.209500 |
| 54 - 55 | 45.49                 | 81°17'29"NW | 55          | 388,555.606400  | 2,390,467.096900 |
| 55 - 56 | 24.80                 | 82°11'19"NW | 56          | 388,531.033100  | 2,390,470.467900 |
| 56 - 57 | 32.65                 | 79°37'31"NW | 57          | 388,498.917000  | 2,390,476.347600 |
| 57 - 58 | 21.24                 | 83°30'37"NW | 58          | 388,477.812700  | 2,390,478.748200 |
| 58 - 59 | 31.89                 | 78°19'13"NW | 59          | 388,446.580300  | 2,390,485.204500 |
| 59 - 60 | 35.45                 | 81°27'17"NW | 60          | 388,411.526700  | 2,390,490.471500 |
| 60 - 61 | 32.62                 | 82°08'32"NW | 61          | 388,379.210300  | 2,390,494.931500 |
| 61 - 62 | 17.67                 | 77°00'48"NW | 62          | 388,361.995300  | 2,390,498.901600 |
| 62 - 63 | 54.80                 | 76°38'40"NW | 63          | 388,308.674200  | 2,390,511.560700 |
| 63 - 64 | 41.06                 | 78°14'39"NW | 64          | 388,268.475800  | 2,390,519.926100 |
| 64 - 65 | 41.09                 | 80°33'52"NW | 65          | 388,227.944000  | 2,390,526.661800 |
| 65 - 66 | 28.03                 | 74°36'49"NW | 66          | 388,200.923300  | 2,390,534.097500 |
| 66 - 67 | 24.08                 | 83°35'54"NW | 67          | 388,176.998300  | 2,390,536.781800 |
| 67 - 68 | 96.34                 | 77°25'44"NW | 68          | 388,082.966100  | 2,390,557.750400 |
| 68 - 69 | 18.75                 | 71°04'33"NW | 69          | 388,065.228200  | 2,390,563.831800 |
| 69 - 70 | 12.23                 | 78°33'57"NW | 70          | 388,053.236800  | 2,390,566.257100 |
| 70 - 71 | 11.90                 | 82°30'25"NW | 71          | 388,041.434700  | 2,390,567.809400 |
| 71 - 72 | 41.18                 | 78°01'49"NW | 72          | 388,001.148000  | 2,390,576.350200 |
| 72 - 73 | 53.63                 | 79°08'20"NW | 73          | 387,948.475500  | 2,390,586.456100 |
| 73 - 74 | 49.24                 | 78°49'52"NW | 74          | 387,900.167000  | 2,390,595.994100 |
| 74 - 75 | 28.65                 | 77°32'14"NW | 75          | 387,872.195200  | 2,390,602.176200 |
| 75 - 76 | 62.64                 | 77°04'39"NW | 76          | 387,811.138900  | 2,390,616.185100 |
| 76 - 77 | 77.04                 | 77°42'50"NW | 77          | 387,735.864100  | 2,390,632.578500 |
| 77 - 78 | 56.76                 | 77°04'47"NW | 78          | 387,680.541800  | 2,390,645.269400 |
| 78 - 79 | 52.87                 | 76°30'58"NW | 79          | 387,629.127800  | 2,390,657.597300 |
| 79 - 80 | 62.08                 | 76°33'59"NW | 80          | 387,568.747800  | 2,390,672.019000 |
| 80 - 81 | 18.93                 | 75°45'06"NW | 81          | 387,550.396300  | 2,390,676.679100 |
| 81 - 82 | 79.22                 | 75°36'45"NW | 82          | 387,473.665100  | 2,390,696.362300 |
| 82 - 83 | 36.03                 | 76°39'27"NW | 83          | 387,438.603700  | 2,390,704.677800 |
| 83 - 84 | 51.46                 | 73°46'29"NW | 84          | 387,389.192100  | 2,390,719.056600 |
| 84 - 85 | 78.25                 | 81°08'09"NW | 85          | 387,311.871800  | 2,390,731.114800 |
| 85 - 86 | 7.64                  | 35°04'12"NW | 86          | 387,307.484600  | 2,390,737.364100 |
| 86 - 87 | 13.93                 | 75°23'59"NW | 87          | 387,294.000400  | 2,390,740.876500 |
| 87 - 88 | 78.08                 | 75°38'59"NW | 88          | 387,218.354300  | 2,390,760.229100 |
| 88 - 89 | 75.19                 | 74°11'39"NW | 89          | 387,146.006900  | 2,390,780.709200 |
| 89 - 90 | 41.24                 | 73°18'03"NW | 90          | 387,106.509500  | 2,390,792.558300 |
| 90 - 91 | 45.58                 | 73°34'57"NW | 91          | 387,062.789900  | 2,390,805.440100 |
| 91 - 92 | 56.85                 | 74°07'23"NW | 92          | 387,008.104700  | 2,390,820.993800 |
| 92 - 93 | 36.95                 | 73°58'16"NW | 93          | 386,972.595300  | 2,390,831.195300 |
| 93 - 94 | 61.63                 | 72°19'08"NW | 94          | 386,913.873400  | 2,390,849.914500 |
| 94 - 95 | 33.12                 | 73°02'10"NW | 95          | 386,882.196900  | 2,390,859.577000 |
| 95 - 96 | 33.73                 | 73°02'16"NW | 96          | 386,849.937400  | 2,390,869.416400 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 96 - 97   | 24.50                 | 72°20'51"NW | 97          | 386,826.591600  | 2,390,876.845600 |
| 97 - 98   | 53.80                 | 72°30'53"NW | 98          | 386,775.276100  | 2,390,893.010700 |
| 98 - 99   | 46.09                 | 72°05'52"NW | 99          | 386,731.413900  | 2,390,907.179500 |
| 99 - 100  | 39.95                 | 72°26'24"NW | 100         | 386,693.324300  | 2,390,919.232800 |
| 100 - 101 | 68.43                 | 72°17'35"NW | 101         | 386,628.134500  | 2,390,940.046000 |
| 101 - 102 | 58.35                 | 72°31'01"NW | 102         | 386,572.478700  | 2,390,957.576100 |
| 102 - 103 | 45.61                 | 72°24'02"NW | 103         | 386,529.003900  | 2,390,971.366500 |
| 103 - 104 | 70.37                 | 73°13'26"NW | 104         | 386,461.631400  | 2,390,991.676600 |
| 104 - 105 | 47.81                 | 72°38'04"NW | 105         | 386,416.001400  | 2,391,005.946000 |
| 105 - 106 | 46.66                 | 71°42'35"NW | 106         | 386,371.699800  | 2,391,020.588800 |
| 106 - 107 | 56.98                 | 71°39'11"NW | 107         | 386,317.617700  | 2,391,038.523800 |
| 107 - 108 | 61.90                 | 70°54'02"NW | 108         | 386,259.123200  | 2,391,058.778500 |
| 108 - 109 | 58.82                 | 72°09'12"NW | 109         | 386,203.130600  | 2,391,076.805900 |
| 109 - 110 | 51.83                 | 72°16'30"NW | 110         | 386,153.757100  | 2,391,092.586700 |
| 110 - 111 | 37.82                 | 71°17'02"NW | 111         | 386,117.935700  | 2,391,104.722700 |
| 111 - 112 | 44.40                 | 72°58'39"NW | 112         | 386,075.482200  | 2,391,117.720100 |
| 112 - 113 | 48.82                 | 73°51'03"NW | 113         | 386,028.592400  | 2,391,131.297500 |
| 113 - 114 | 17.49                 | 72°29'25"NW | 114         | 386,011.917300  | 2,391,136.558200 |
| 114 - 115 | 28.53                 | 76°06'06"NW | 115         | 385,984.221300  | 2,391,143.411400 |
| 115 - 116 | 24.09                 | 76°16'17"NW | 116         | 385,960.816700  | 2,391,149.129100 |
| 116 - 117 | 59.18                 | 79°00'23"NW | 117         | 385,902.726000  | 2,391,160.413900 |
| 117 - 118 | 28.90                 | 80°48'47"SW | 118         | 385,874.195900  | 2,391,155.799800 |
| 118 - 119 | 32.74                 | 78°24'53"NW | 119         | 385,842.122000  | 2,391,162.375000 |
| 119 - 120 | 44.59                 | 77°25'51"NW | 120         | 385,798.597300  | 2,391,172.079200 |
| 120 - 121 | 23.49                 | 71°49'39"NW | 121         | 385,776.282900  | 2,391,179.403900 |
| 121 - 122 | 19.73                 | 67°41'48"NW | 122         | 385,758.025200  | 2,391,186.893100 |
| 122 - 123 | 12.42                 | 70°35'21"NW | 123         | 385,746.307300  | 2,391,191.022100 |
| 123 - 124 | 18.64                 | 68°04'53"NW | 124         | 385,729.017200  | 2,391,197.979200 |
| 124 - 125 | 28.74                 | 79°40'49"NW | 125         | 385,700.739100  | 2,391,203.128200 |
| 125 - 126 | 23.45                 | 65°20'08"NW | 126         | 385,679.430700  | 2,391,212.912900 |
| 126 - 127 | 19.46                 | 77°52'46"NW | 127         | 385,660.403400  | 2,391,216.999100 |
| 127 - 128 | 12.46                 | 70°51'26"NW | 128         | 385,648.634300  | 2,391,221.084300 |
| 128 - 129 | 30.32                 | 79°31'26"NW | 129         | 385,618.822000  | 2,391,226.596800 |
| 129 - 130 | 51.23                 | 79°03'54"NW | 130         | 385,568.526900  | 2,391,236.313900 |
| 130 - 131 | 20.14                 | 79°26'38"NW | 131         | 385,548.730600  | 2,391,240.002900 |
| 131 - 132 | 42.26                 | 78°32'32"NW | 132         | 385,507.315000  | 2,391,248.397100 |
| 132 - 133 | 53.49                 | 75°42'01"NW | 133         | 385,455.485400  | 2,391,261.607900 |
| 133 - 134 | 36.01                 | 62°43'38"NW | 134         | 385,423.482800  | 2,391,278.106300 |
| 134 - 135 | 69.45                 | 77°13'59"NW | 135         | 385,355.753600  | 2,391,293.452600 |
| 135 - 136 | 58.52                 | 76°42'10"NW | 136         | 385,298.800500  | 2,391,306.912600 |
| 136 - 137 | 13.24                 | 75°44'07"NW | 137         | 385,285.967300  | 2,391,310.175300 |
| 137 - 138 | 49.45                 | 74°33'16"NW | 138         | 385,238.304000  | 2,391,323.344700 |
| 138 - 139 | 23.39                 | 76°01'30"NW | 139         | 385,215.608900  | 2,391,328.992700 |
| 139 - 140 | 30.72                 | 75°58'35"NW | 140         | 385,185.800200  | 2,391,336.437800 |
| 140 - 141 | 35.08                 | 76°36'41"NW | 141         | 385,151.675500  | 2,391,344.560200 |
| 141 - 142 | 70.02                 | 76°26'39"NW | 142         | 385,083.605600  | 2,391,360.972500 |
| 142 - 143 | 59.00                 | 79°27'44"NW | 143         | 385,025.604300  | 2,391,371.761900 |
| 143 - 144 | 34.95                 | 78°17'24"NW | 144         | 384,991.384100  | 2,391,378.854700 |
| 144 - 145 | 88.56                 | 78°12'38"NW | 145         | 384,904.694600  | 2,391,396.948200 |
| 145 - 146 | 52.71                 | 81°23'04"NW | 146         | 384,852.583400  | 2,391,404.843500 |
| 146 - 147 | 38.00                 | 82°10'57"NW | 147         | 384,814.939200  | 2,391,410.011800 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 147 - 148 | 40.67                 | 82°13'52"NW | 148         | 384,774.642700  | 2,391,415.509300 |
| 148 - 149 | 42.72                 | 82°42'32"NW | 149         | 384,732.268800  | 2,391,420.930700 |
| 149 - 150 | 44.75                 | 81°45'51"NW | 150         | 384,687.975600  | 2,391,427.341700 |
| 150 - 151 | 57.31                 | 81°44'19"NW | 151         | 384,631.256900  | 2,391,435.576800 |
| 151 - 152 | 38.78                 | 80°26'44"NW | 152         | 384,593.014600  | 2,391,442.013600 |
| 152 - 153 | 32.15                 | 80°57'09"NW | 153         | 384,561.269100  | 2,391,447.068500 |
| 153 - 154 | 29.95                 | 81°02'49"NW | 154         | 384,531.685100  | 2,391,451.729200 |
| 154 - 155 | 16.21                 | 81°59'46"NW | 155         | 384,515.629800  | 2,391,453.986700 |
| 155 - 156 | 53.43                 | 83°55'42"NW | 156         | 384,462.500100  | 2,391,459.637800 |
| 156 - 157 | 33.98                 | 80°44'30"NW | 157         | 384,428.964300  | 2,391,465.104400 |
| 157 - 158 | 26.96                 | 88°28'29"SW | 158         | 384,402.017900  | 2,391,464.386900 |
| 158 - 159 | 41.79                 | 84°10'45"NW | 159         | 384,360.446100  | 2,391,468.624700 |
| 159 - 160 | 29.13                 | 85°06'11"NW | 160         | 384,331.421900  | 2,391,471.111300 |
| 160 - 161 | 59.10                 | 83°01'16"NW | 161         | 384,272.763500  | 2,391,478.291600 |
| 161 - 162 | 38.80                 | 85°14'01"NW | 162         | 384,234.093700  | 2,391,481.515800 |
| 162 - 163 | 35.95                 | 64°26'28"NW | 163         | 384,201.659300  | 2,391,497.027000 |
| 163 - 164 | 11.25                 | 77°49'51"SW | 164         | 384,190.657800  | 2,391,494.654600 |
| 164 - 165 | 17.99                 | 80°53'20"NW | 165         | 384,172.898500  | 2,391,497.502700 |
| 165 - 166 | 56.74                 | 75°03'41"NW | 166         | 384,118.079800  | 2,391,512.128200 |
| 166 - 167 | 20.01                 | 88°50'16"SW | 167         | 384,098.069700  | 2,391,511.722300 |
| 167 - 168 | 118.87                | 80°43'06"NW | 168         | 383,980.753800  | 2,391,530.894600 |
| 168 - 169 | 26.44                 | 66°26'50"NW | 169         | 383,956.518800  | 2,391,541.458700 |
| 169 - 170 | 135.32                | 85°00'12"NW | 170         | 383,821.710700  | 2,391,553.244700 |
| 170 - 171 | 90.84                 | 82°36'45"NW | 171         | 383,731.621800  | 2,391,564.925100 |
| 171 - 172 | 37.72                 | 80°08'35"NW | 172         | 383,694.460500  | 2,391,571.381900 |
| 172 - 173 | 22.22                 | 85°56'27"NW | 173         | 383,672.299100  | 2,391,572.954500 |
| 173 - 174 | 52.80                 | 83°17'57"NW | 174         | 383,619.861900  | 2,391,579.115000 |
| 174 - 175 | 44.61                 | 83°30'30"NW | 175         | 383,575.542100  | 2,391,584.157900 |
| 175 - 176 | 70.93                 | 80°22'54"NW | 176         | 383,505.611500  | 2,391,596.008600 |
| 176 - 177 | 18.79                 | 71°24'45"SW | 177         | 383,487.799900  | 2,391,590.018700 |
| 177 - 178 | 64.81                 | 82°55'27"NW | 178         | 383,423.479700  | 2,391,598.002600 |
| 178 - 179 | 36.20                 | 87°33'59"SW | 179         | 383,387.313700  | 2,391,596.465600 |
| 179 - 180 | 45.31                 | 89°54'14"NW | 180         | 383,342.005200  | 2,391,596.541500 |
| 180 - 181 | 44.21                 | 83°43'14"NW | 181         | 383,298.056400  | 2,391,601.377500 |
| 181 - 182 | 41.27                 | 82°59'51"NW | 182         | 383,257.090500  | 2,391,606.409100 |
| 182 - 183 | 43.35                 | 85°55'24"NW | 183         | 383,213.850500  | 2,391,609.490700 |
| 183 - 184 | 39.54                 | 83°48'45"NW | 184         | 383,174.538200  | 2,391,613.752700 |
| 184 - 185 | 47.56                 | 83°02'31"NW | 185         | 383,127.329000  | 2,391,619.514100 |
| 185 - 186 | 30.20                 | 80°11'38"NW | 186         | 383,097.572800  | 2,391,624.657100 |
| 186 - 187 | 14.38                 | 84°01'43"NW | 187         | 383,083.271900  | 2,391,626.152900 |
| 187 - 188 | 24.22                 | 81°49'46"NW | 188         | 383,059.294500  | 2,391,629.595500 |
| 188 - 189 | 42.10                 | 85°25'53"NW | 189         | 383,017.324500  | 2,391,632.949100 |
| 189 - 190 | 68.25                 | 85°39'44"NW | 190         | 382,949.267000  | 2,391,638.111400 |
| 190 - 191 | 76.48                 | 85°15'07"NW | 191         | 382,873.054400  | 2,391,644.441500 |
| 191 - 192 | 71.19                 | 86°17'51"NW | 192         | 382,802.008400  | 2,391,649.038900 |
| 192 - 193 | 28.14                 | 89°12'35"NW | 193         | 382,773.875200  | 2,391,649.426900 |
| 193 - 194 | 74.55                 | 89°58'13"SW | 194         | 382,699.328400  | 2,391,649.388300 |
| 194 - 195 | 55.35                 | 88°58'06"SW | 195         | 382,643.990100  | 2,391,648.391900 |
| 195 - 196 | 53.18                 | 89°39'05"SW | 196         | 382,590.814400  | 2,391,648.068600 |
| 196 - 197 | 14.97                 | 86°56'23"NW | 197         | 382,575.870200  | 2,391,648.867500 |
| 197 - 198 | 7.39                  | 73°42'38"SW | 198         | 382,568.779900  | 2,391,646.795600 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 198 - 199 | 126.69                | 87°47'21"SW | 199         | 382,442.180700  | 2,391,641.908500 |
| 199 - 200 | 234.66                | 88°03'17"SW | 200         | 382,207.657500  | 2,391,633.943100 |
| 200 - 201 | 35.96                 | 79°53'33"SW | 201         | 382,172.253300  | 2,391,627.631900 |
| 201 - 202 | 66.55                 | 87°11'40"SW | 202         | 382,105.778800  | 2,391,624.374600 |
| 202 - 203 | 145.68                | 86°17'44"SW | 203         | 381,960.407100  | 2,391,614.963000 |
| 203 - 204 | 32.38                 | 79°27'00"SW | 204         | 381,928.576900  | 2,391,609.034900 |
| 204 - 205 | 168.98                | 82°19'09"SW | 205         | 381,761.117900  | 2,391,586.450700 |
| 205 - 206 | 38.56                 | 78°54'50"SW | 206         | 381,723.279700  | 2,391,579.036800 |
| 206 - 207 | 85.37                 | 81°16'09"SW | 207         | 381,638.901100  | 2,391,566.078700 |
| 207 - 208 | 58.17                 | 78°48'07"SW | 208         | 381,581.835400  | 2,391,554.781500 |
| 208 - 209 | 191.50                | 75°20'38"SW | 209         | 381,396.571200  | 2,391,506.330200 |
| 209 - 210 | 165.99                | 78°00'33"SW | 210         | 381,234.199600  | 2,391,471.844400 |
| 210 - 211 | 62.03                 | 73°40'13"SW | 211         | 381,174.673500  | 2,391,454.404400 |
| 211 - 212 | 36.71                 | 52°54'18"NW | 212         | 381,145.391700  | 2,391,476.546000 |
| 212 - 213 | 217.77                | 72°51'26"SW | 213         | 380,937.294200  | 2,391,412.357700 |
| 213 - 214 | 64.70                 | 71°55'37"SW | 214         | 380,875.786700  | 2,391,392.286000 |
| 214 - 215 | 62.60                 | 69°16'25"SW | 215         | 380,817.241500  | 2,391,370.132900 |
| 215 - 216 | 75.38                 | 76°39'44"SW | 216         | 380,743.899200  | 2,391,352.744800 |
| 216 - 217 | 102.88                | 69°53'46"SW | 217         | 380,647.287000  | 2,391,317.382800 |
| 217 - 218 | 30.30                 | 77°23'31"SW | 218         | 380,617.720700  | 2,391,310.769600 |
| 218 - 219 | 54.41                 | 72°40'15"SW | 219         | 380,565.783300  | 2,391,294.564000 |
| 219 - 220 | 32.53                 | 75°53'56"SW | 220         | 380,534.230100  | 2,391,286.637800 |
| 220 - 221 | 57.93                 | 74°13'17"SW | 221         | 380,478.484600  | 2,391,270.885900 |
| 221 - 222 | 37.73                 | 73°19'21"SW | 222         | 380,442.338400  | 2,391,260.057000 |
| 222 - 223 | 56.24                 | 62°02'31"SW | 223         | 380,392.665500  | 2,391,233.692200 |
| 223 - 224 | 56.13                 | 76°53'02"SW | 224         | 380,337.995600  | 2,391,220.954100 |
| 224 - 225 | 71.62                 | 67°51'00"SW | 225         | 380,271.664000  | 2,391,193.952400 |
| 225 - 226 | 76.18                 | 68°14'56"SW | 226         | 380,200.908300  | 2,391,165.722400 |
| 226 - 227 | 37.32                 | 25°26'27"SW | 227         | 380,184.877800  | 2,391,132.024300 |
| 227 - 228 | 89.98                 | 73°19'16"SW | 228         | 380,098.680700  | 2,391,106.198800 |
| 228 - 229 | 46.18                 | 23°36'31"SW | 229         | 380,080.185800  | 2,391,063.883200 |
| 229 - 230 | 88.86                 | 64°38'33"SW | 230         | 379,999.889300  | 2,391,025.828900 |
| 230 - 231 | 37.41                 | 89°46'58"NW | 231         | 379,962.482900  | 2,391,025.970700 |
| 231 - 232 | 103.09                | 63°40'40"SW | 232         | 379,870.077700  | 2,390,980.257100 |
| 232 - 233 | 115.01                | 70°19'04"SW | 233         | 379,761.787800  | 2,390,941.521900 |
| 233 - 234 | 162.34                | 67°35'31"SW | 234         | 379,611.707400  | 2,390,879.638700 |
| 234 - 235 | 125.69                | 65°14'46"SW | 235         | 379,497.564400  | 2,390,827.008800 |
| 235 - 236 | 37.08                 | 77°36'09"NW | 236         | 379,461.347900  | 2,390,834.969700 |
| 236 - 237 | 66.88                 | 59°42'45"SW | 237         | 379,403.600700  | 2,390,801.242100 |
| 237 - 238 | 95.87                 | 69°42'33"SW | 238         | 379,313.682600  | 2,390,767.997200 |
| 238 - 239 | 191.50                | 65°09'37"SW | 239         | 379,139.896000  | 2,390,687.550300 |
| 239 - 240 | 78.08                 | 69°14'35"SW | 240         | 379,066.882600  | 2,390,659.877900 |
| 240 - 241 | 162.19                | 78°03'33"SW | 241         | 378,908.197200  | 2,390,626.320100 |
| 241 - 242 | 96.62                 | 67°01'06"SW | 242         | 378,819.247400  | 2,390,588.597000 |
| 242 - 243 | 61.84                 | 73°40'51"SW | 243         | 378,759.902600  | 2,390,571.222000 |
| 243 - 244 | 68.01                 | 72°53'24"SW | 244         | 378,694.906800  | 2,390,551.214600 |
| 244 - 245 | 39.75                 | 65°36'22"SW | 245         | 378,658.701700  | 2,390,534.796000 |
| 245 - 246 | 45.75                 | 81°45'10"SW | 246         | 378,613.422900  | 2,390,528.233300 |
| 246 - 247 | 28.35                 | 49°18'52"SW | 247         | 378,591.926700  | 2,390,509.753200 |
| 247 - 248 | 113.36                | 72°49'29"SW | 248         | 378,483.620900  | 2,390,476.278500 |
| 248 - 249 | 129.90                | 78°07'04"SW | 249         | 378,356.507700  | 2,390,449.533200 |
| 249 - 250 | 28.51                 | 89°13'38"NW | 250         | 378,327.998000  | 2,390,449.917700 |
| 250 - 1   | 120.35                | 59°14'49"SW | 1           |                 |                  |



**Zona Núcleo**  
**“Cancunito”**  
**(Superficie 28-38-48.51 hectáreas)**

| Est-PV                                                                                                                                                                        | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                               |                       |             |             | X               | Y                |
|                                                                                                                                                                               |                       |             | 1           | 391,695.991100  | 2,390,076.603100 |
| 1 - 2                                                                                                                                                                         | 58.04                 | 03°42'24"NW | 2           | 391,692.238600  | 2,390,134.522600 |
| 2 - 3                                                                                                                                                                         | 12.05                 | 03°10'31"NW | 3           | 391,691.570900  | 2,390,146.558200 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 4,113.32 metros hasta llegar al vértice 4. |                       |             |             |                 |                  |
|                                                                                                                                                                               |                       |             | 4           | 395,794.398000  | 2,390,004.505700 |
| 4 - 5                                                                                                                                                                         | 31.28                 | 09°12'28"SE | 5           | 395,799.402700  | 2,389,973.632800 |
| 5 - 6                                                                                                                                                                         | 35.79                 | 08°03'38"SE | 6           | 395,804.421600  | 2,389,938.194000 |
| 6 - 7                                                                                                                                                                         | 20.01                 | 00°00'00"SE | 7           | 395,804.421600  | 2,389,918.181900 |
| 7 - 8                                                                                                                                                                         | 117.60                | 89°25'25"NW | 8           | 395,686.831800  | 2,389,919.364400 |
| 8 - 9                                                                                                                                                                         | 40.15                 | 88°22'51"SW | 9           | 395,646.699000  | 2,389,918.230000 |
| 9 - 10                                                                                                                                                                        | 41.47                 | 87°48'15"NW | 10          | 395,605.254800  | 2,389,919.819100 |
| 10 - 11                                                                                                                                                                       | 29.67                 | 88°17'06"SW | 11          | 395,575.601200  | 2,389,918.931300 |
| 11 - 12                                                                                                                                                                       | 39.92                 | 87°20'06"SW | 12          | 395,535.725100  | 2,389,917.075300 |
| 12 - 13                                                                                                                                                                       | 34.77                 | 87°39'09"SW | 13          | 395,500.986100  | 2,389,915.651300 |
| 13 - 14                                                                                                                                                                       | 41.58                 | 88°56'50"SW | 14          | 395,459.412500  | 2,389,914.887500 |
| 14 - 15                                                                                                                                                                       | 40.66                 | 88°02'04"NW | 15          | 395,418.771800  | 2,389,916.282100 |
| 15 - 16                                                                                                                                                                       | 32.58                 | 88°31'43"NW | 16          | 395,386.200700  | 2,389,917.118700 |
| 16 - 17                                                                                                                                                                       | 32.63                 | 88°41'15"NW | 17          | 395,353.581000  | 2,389,917.866000 |
| 17 - 18                                                                                                                                                                       | 26.93                 | 85°58'05"NW | 18          | 395,326.716900  | 2,389,919.759500 |
| 18 - 19                                                                                                                                                                       | 25.70                 | 87°27'35"NW | 19          | 395,301.046000  | 2,389,920.898300 |
| 19 - 20                                                                                                                                                                       | 28.73                 | 86°50'21"NW | 20          | 395,272.361600  | 2,389,922.482300 |
| 20 - 21                                                                                                                                                                       | 34.47                 | 89°49'14"SW | 21          | 395,237.889100  | 2,389,922.374500 |
| 21 - 22                                                                                                                                                                       | 27.91                 | 88°40'55"NW | 22          | 395,209.981500  | 2,389,923.016600 |
| 22 - 23                                                                                                                                                                       | 43.42                 | 87°27'59"SW | 23          | 395,166.602700  | 2,389,921.097300 |
| 23 - 24                                                                                                                                                                       | 22.22                 | 81°28'25"NW | 24          | 395,144.625100  | 2,389,924.392200 |
| 24 - 25                                                                                                                                                                       | 40.87                 | 89°01'17"SW | 25          | 395,103.763900  | 2,389,923.694300 |
| 25 - 26                                                                                                                                                                       | 40.37                 | 89°26'25"SW | 26          | 395,063.399800  | 2,389,923.300100 |
| 26 - 27                                                                                                                                                                       | 47.79                 | 88°39'18"NW | 27          | 395,015.620300  | 2,389,924.421800 |
| 27 - 28                                                                                                                                                                       | 36.11                 | 88°59'51"NW | 28          | 394,979.516300  | 2,389,925.053500 |
| 28 - 29                                                                                                                                                                       | 48.19                 | 88°05'34"SW | 29          | 394,931.350100  | 2,389,923.449600 |
| 29 - 30                                                                                                                                                                       | 34.05                 | 89°10'42"NW | 30          | 394,897.302300  | 2,389,923.937900 |
| 30 - 31                                                                                                                                                                       | 23.96                 | 88°48'01"SW | 31          | 394,873.345800  | 2,389,923.436200 |
| 31 - 32                                                                                                                                                                       | 51.48                 | 86°44'25"SW | 32          | 394,821.949100  | 2,389,920.509000 |
| 32 - 33                                                                                                                                                                       | 24.21                 | 88°11'23"SW | 33          | 394,797.748400  | 2,389,919.744200 |
| 33 - 34                                                                                                                                                                       | 21.55                 | 87°31'10"NW | 34          | 394,776.217100  | 2,389,920.676900 |
| 34 - 35                                                                                                                                                                       | 46.74                 | 89°09'10"SW | 35          | 394,729.483000  | 2,389,919.985900 |
| 35 - 36                                                                                                                                                                       | 64.25                 | 87°06'32"SW | 36          | 394,665.314000  | 2,389,916.745500 |
| 36 - 37                                                                                                                                                                       | 44.50                 | 88°28'09"NW | 37          | 394,620.833600  | 2,389,917.934200 |
| 37 - 38                                                                                                                                                                       | 81.03                 | 89°29'44"NW | 38          | 394,539.810200  | 2,389,918.647300 |
| 38 - 39                                                                                                                                                                       | 40.98                 | 83°56'42"NW | 39          | 394,499.061800  | 2,389,922.969600 |
| 39 - 40                                                                                                                                                                       | 43.11                 | 86°50'17"NW | 40          | 394,456.016400  | 2,389,925.347500 |
| 40 - 41                                                                                                                                                                       | 38.23                 | 89°29'54"NW | 41          | 394,417.792600  | 2,389,925.682100 |
| 41 - 42                                                                                                                                                                       | 28.13                 | 89°16'20"SW | 42          | 394,389.664900  | 2,389,925.324800 |
| 42 - 43                                                                                                                                                                       | 14.37                 | 85°21'41"NW | 43          | 394,375.342800  | 2,389,926.486800 |
| 43 - 44                                                                                                                                                                       | 51.48                 | 89°27'26"SW | 44          | 394,323.865400  | 2,389,925.999300 |
| 44 - 45                                                                                                                                                                       | 33.38                 | 79°55'05"NW | 45          | 394,291.005600  | 2,389,931.841700 |
| 45 - 46                                                                                                                                                                       | 46.84                 | 83°33'53"SW | 46          | 394,244.460400  | 2,389,926.591800 |
| 46 - 47                                                                                                                                                                       | 38.73                 | 84°32'01"NW | 47          | 394,205.903200  | 2,389,930.281500 |
| 47 - 48                                                                                                                                                                       | 26.61                 | 87°49'19"SW | 48          | 394,179.309100  | 2,389,929.270100 |

| Est-PV   | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|----------|-----------------------|-------------|-------------|-----------------|------------------|
|          |                       |             |             | X               | Y                |
| 48 - 49  | 42.72                 | 84°54'15"NW | 49          | 394,136.758700  | 2,389,933.064500 |
| 49 - 50  | 36.76                 | 89°23'08"NW | 50          | 394,099.995900  | 2,389,933.458600 |
| 50 - 51  | 50.23                 | 89°44'22"SW | 51          | 394,049.765300  | 2,389,933.230300 |
| 51 - 52  | 16.99                 | 82°19'12"SW | 52          | 394,032.923200  | 2,389,930.959200 |
| 52 - 53  | 73.35                 | 83°53'38"NW | 53          | 393,959.988900  | 2,389,938.761400 |
| 53 - 54  | 63.78                 | 88°21'00"NW | 54          | 393,896.235000  | 2,389,940.597600 |
| 54 - 55  | 30.51                 | 89°33'02"NW | 55          | 393,865.721700  | 2,389,940.836900 |
| 55 - 56  | 51.73                 | 85°29'22"NW | 56          | 393,814.156100  | 2,389,944.904700 |
| 56 - 57  | 42.92                 | 87°12'59"NW | 57          | 393,771.290500  | 2,389,946.988700 |
| 57 - 58  | 59.38                 | 87°04'09"NW | 58          | 393,711.986900  | 2,389,950.024800 |
| 58 - 59  | 46.30                 | 88°26'32"NW | 59          | 393,665.704900  | 2,389,951.283400 |
| 59 - 60  | 33.99                 | 88°24'56"SW | 60          | 393,631.732800  | 2,389,950.343800 |
| 60 - 61  | 34.69                 | 87°44'08"NW | 61          | 393,597.067200  | 2,389,951.714500 |
| 61 - 62  | 44.86                 | 89°26'27"SW | 62          | 393,552.208900  | 2,389,951.276800 |
| 62 - 63  | 39.23                 | 89°03'02"SW | 63          | 393,512.984300  | 2,389,950.626900 |
| 63 - 64  | 40.81                 | 89°50'02"SW | 64          | 393,472.178000  | 2,389,950.508700 |
| 64 - 65  | 34.69                 | 87°36'13"NW | 65          | 393,437.516300  | 2,389,951.959200 |
| 65 - 66  | 50.60                 | 88°11'54"NW | 66          | 393,386.941700  | 2,389,953.550000 |
| 66 - 67  | 15.16                 | 73°51'12"SW | 67          | 393,372.380800  | 2,389,949.334400 |
| 67 - 68  | 58.23                 | 85°36'36"NW | 68          | 393,314.317500  | 2,389,953.791700 |
| 68 - 69  | 47.49                 | 82°58'01"NW | 69          | 393,267.180500  | 2,389,959.606900 |
| 69 - 70  | 59.02                 | 86°40'14"NW | 70          | 393,208.262400  | 2,389,963.034400 |
| 70 - 71  | 49.44                 | 84°47'25"NW | 71          | 393,159.025300  | 2,389,967.523700 |
| 71 - 72  | 37.08                 | 89°57'00"NW | 72          | 393,121.948700  | 2,389,967.556000 |
| 72 - 73  | 45.71                 | 83°48'44"NW | 73          | 393,076.500500  | 2,389,972.483300 |
| 73 - 74  | 30.88                 | 71°31'27"NW | 74          | 393,047.210300  | 2,389,982.269800 |
| 74 - 75  | 36.35                 | 89°24'28"SW | 75          | 393,010.858100  | 2,389,981.894100 |
| 75 - 76  | 24.77                 | 81°24'16"NW | 76          | 392,986.370200  | 2,389,985.595500 |
| 76 - 77  | 37.91                 | 87°05'14"NW | 77          | 392,948.512400  | 2,389,987.521600 |
| 77 - 78  | 21.89                 | 79°39'07"NW | 78          | 392,926.979200  | 2,389,991.453500 |
| 78 - 79  | 64.19                 | 84°17'15"NW | 79          | 392,863.105200  | 2,389,997.842800 |
| 79 - 80  | 61.47                 | 82°48'50"NW | 80          | 392,802.117100  | 2,390,005.532300 |
| 80 - 81  | 56.25                 | 86°17'19"SW | 81          | 392,745.984600  | 2,390,001.891300 |
| 81 - 82  | 92.67                 | 84°28'02"NW | 82          | 392,653.750600  | 2,390,010.825400 |
| 82 - 83  | 14.76                 | 70°03'56"SW | 83          | 392,639.870600  | 2,390,005.791500 |
| 83 - 84  | 134.14                | 84°18'56"NW | 84          | 392,506.391500  | 2,390,019.077400 |
| 84 - 85  | 49.01                 | 86°04'43"NW | 85          | 392,457.494200  | 2,390,022.429000 |
| 85 - 86  | 75.98                 | 85°52'45"NW | 86          | 392,381.705700  | 2,390,027.889100 |
| 86 - 87  | 43.12                 | 85°16'01"NW | 87          | 392,338.737100  | 2,390,031.446600 |
| 87 - 88  | 60.32                 | 85°51'18"NW | 88          | 392,278.576700  | 2,390,035.806300 |
| 88 - 89  | 35.79                 | 85°19'28"NW | 89          | 392,242.902600  | 2,390,038.723800 |
| 89 - 90  | 32.78                 | 88°42'34"NW | 90          | 392,210.127000  | 2,390,039.462100 |
| 90 - 91  | 33.47                 | 83°40'52"SW | 91          | 392,176.858300  | 2,390,035.778100 |
| 91 - 92  | 50.04                 | 79°58'26"NW | 92          | 392,127.582400  | 2,390,044.489800 |
| 92 - 93  | 50.85                 | 87°41'41"NW | 93          | 392,076.768900  | 2,390,046.535200 |
| 93 - 94  | 34.85                 | 86°20'59"NW | 94          | 392,041.986200  | 2,390,048.754100 |
| 94 - 95  | 50.67                 | 86°24'57"NW | 95          | 391,991.410900  | 2,390,051.921800 |
| 95 - 96  | 40.65                 | 87°00'08"NW | 96          | 391,950.813900  | 2,390,054.047700 |
| 96 - 97  | 38.93                 | 85°33'23"NW | 97          | 391,912.002100  | 2,390,057.063800 |
| 97 - 98  | 58.64                 | 86°24'33"NW | 98          | 391,853.472700  | 2,390,060.736700 |
| 98 - 99  | 33.25                 | 87°01'33"NW | 99          | 391,820.270600  | 2,390,062.461700 |
| 99 - 100 | 35.86                 | 82°51'59"NW | 100         | 391,784.689100  | 2,390,066.914800 |
| 100 - 1  | 89.23                 | 83°45'59"NW | 1           |                 |                  |

**Zona de Amortiguamiento**  
**“Cancunito”**  
**(Superficie 6-87-27.85 hectáreas)**

| Est-PV                                                                                                                                                                          | Rumbo       | Distancia<br>(metros) | Vértice No. | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-------------|-----------------|------------------|
|                                                                                                                                                                                 |             |                       |             | X               | Y                |
| 1 - 2                                                                                                                                                                           | 07°52'08"NW | 80.99                 | 1           | 390,686.138200  | 2,390,192.797100 |
|                                                                                                                                                                                 |             |                       | 2           | 390,675.050400  | 2,390,273.020000 |
| A partir de este vértice 2 se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 1,024.36 metros hasta llegar al vértice 3. |             |                       |             |                 |                  |
|                                                                                                                                                                                 |             |                       | 3           | 391,691.570900  | 2,390,146.558200 |
| 3 - 4                                                                                                                                                                           | 03°10'31"SE | 12.05                 | 4           | 391,692.238600  | 2,390,134.522600 |
| 4 - 5                                                                                                                                                                           | 03°42'24"SE | 58.04                 | 5           | 391,695.991100  | 2,390,076.603100 |
| 5 - 6                                                                                                                                                                           | 83°47'27"NW | 42.65                 | 6           | 391,653.594600  | 2,390,081.215500 |
| 6 - 7                                                                                                                                                                           | 85°54'32"NW | 20.63                 | 7           | 391,633.017800  | 2,390,082.687200 |
| 7 - 8                                                                                                                                                                           | 84°57'05"NW | 40.97                 | 8           | 391,592.205800  | 2,390,086.292500 |
| 8 - 9                                                                                                                                                                           | 79°28'19"NW | 44.43                 | 9           | 391,548.524800  | 2,390,094.410400 |
| 9 - 10                                                                                                                                                                          | 83°44'43"NW | 48.03                 | 10          | 391,500.778700  | 2,390,099.643200 |
| 10 - 11                                                                                                                                                                         | 85°27'51"NW | 36.20                 | 11          | 391,464.696100  | 2,390,102.505600 |
| 11 - 12                                                                                                                                                                         | 82°12'19"NW | 16.91                 | 12          | 391,447.939700  | 2,390,104.799300 |
| 12 - 13                                                                                                                                                                         | 86°41'59"SW | 11.90                 | 13          | 391,436.056400  | 2,390,104.114100 |
| 13 - 14                                                                                                                                                                         | 79°48'39"NW | 58.31                 | 14          | 391,378.670000  | 2,390,114.428200 |
| 14 - 15                                                                                                                                                                         | 85°48'18"NW | 30.03                 | 15          | 391,348.717000  | 2,390,116.625100 |
| 15 - 16                                                                                                                                                                         | 85°18'56"NW | 36.51                 | 16          | 391,312.333200  | 2,390,119.606300 |
| 16 - 17                                                                                                                                                                         | 75°56'53"NW | 35.01                 | 17          | 391,278.372900  | 2,390,128.106200 |
| 17 - 18                                                                                                                                                                         | 85°05'15"NW | 44.86                 | 18          | 391,233.679000  | 2,390,131.947600 |
| 18 - 19                                                                                                                                                                         | 83°05'36"NW | 26.07                 | 19          | 391,207.801100  | 2,390,135.082200 |
| 19 - 20                                                                                                                                                                         | 80°05'11"NW | 43.63                 | 20          | 391,164.822800  | 2,390,142.593600 |
| 20 - 21                                                                                                                                                                         | 82°06'28"NW | 41.59                 | 21          | 391,123.626800  | 2,390,148.304300 |
| 21 - 22                                                                                                                                                                         | 79°32'59"NW | 35.84                 | 22          | 391,088.380900  | 2,390,154.805000 |
| 22 - 23                                                                                                                                                                         | 86°10'37"SW | 22.29                 | 23          | 391,066.140400  | 2,390,153.318900 |
| 23 - 24                                                                                                                                                                         | 80°07'59"NW | 47.32                 | 24          | 391,019.521400  | 2,390,161.427400 |
| 24 - 25                                                                                                                                                                         | 83°10'21"NW | 25.97                 | 25          | 390,993.732200  | 2,390,164.515100 |
| 25 - 26                                                                                                                                                                         | 83°40'22"NW | 35.83                 | 26          | 390,958.123400  | 2,390,168.463300 |
| 26 - 27                                                                                                                                                                         | 83°05'54"NW | 37.52                 | 27          | 390,920.880000  | 2,390,172.971300 |
| 27 - 28                                                                                                                                                                         | 86°29'22"NW | 49.54                 | 28          | 390,871.435500  | 2,390,176.004500 |
| 28 - 29                                                                                                                                                                         | 79°56'11"NW | 41.31                 | 29          | 390,830.756500  | 2,390,183.223700 |
| 29 - 30                                                                                                                                                                         | 88°06'02"NW | 29.56                 | 30          | 390,801.208800  | 2,390,184.203600 |
| 30 - 31                                                                                                                                                                         | 75°51'42"NW | 24.69                 | 31          | 390,777.263400  | 2,390,190.235300 |
| 31 - 32                                                                                                                                                                         | 89°36'14"SW | 49.01                 | 32          | 390,728.250100  | 2,390,189.896600 |
| 32 - 1                                                                                                                                                                          | 86°03'35"NW | 42.21                 | 1           |                 |                  |

**Polígono 3**  
**(Superficie 381-46-27.60 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|---------|-----------------------|------------|-------------|-----------------|------------------|
|         |                       |            |             | X               | Y                |
|         |                       |            | 1           | 397,495.822800  | 2,389,984.462400 |
| 1 - 2   | 38.57                 | 6°14'21"SW | 2           | 397,457.334500  | 2,389,981.932600 |
| 2 - 3   | 88.23                 | 2°46'58"SW | 3           | 397,369.801600  | 2,389,970.847900 |
| 3 - 4   | 89.58                 | 2°17'47"SW | 4           | 397,281.025400  | 2,389,958.839600 |
| 4 - 5   | 74.63                 | 1°13'17"SW | 5           | 397,207.268900  | 2,389,947.449900 |
| 5 - 6   | 93.59                 | 6°00'07"SW | 6           | 397,113.911100  | 2,389,940.925300 |
| 6 - 7   | 74.61                 | 7°03'11"NW | 7           | 397,039.395000  | 2,389,944.761000 |
| 7 - 8   | 57.01                 | 7°31'28"SW | 8           | 396,982.441300  | 2,389,942.298900 |
| 8 - 9   | 43.08                 | 6°38'53"SW | 9           | 396,939.435700  | 2,389,939.780100 |
| 9 - 10  | 29.00                 | 9°12'26"SW | 10          | 396,910.438100  | 2,389,939.378900 |
| 10 - 11 | 24.73                 | 1°30'38"SW | 11          | 396,885.981700  | 2,389,935.728500 |
| 11 - 12 | 64.85                 | 8°01'17"SW | 12          | 396,821.172300  | 2,389,933.489700 |
| 12 - 13 | 64.94                 | 6°33'29"SW | 13          | 396,756.351300  | 2,389,929.591300 |

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
| 13 - 14 | 57.60                 | 7°49'59"SW  | 14          | 396,698.789400  | 2,389,927.413400 |
| 14 - 15 | 85.76                 | 7°03'46"SW  | 15          | 396,613.146800  | 2,389,923.019200 |
| 15 - 16 | 62.42                 | 8°03'30"SW  | 16          | 396,550.762300  | 2,389,920.904400 |
| 16 - 17 | 85.68                 | 88°07'41"SW | 17          | 396,465.131400  | 2,389,918.106000 |
| 17 - 18 | 54.90                 | 89°49'59"SW | 18          | 396,410.230300  | 2,389,917.946200 |
| 18 - 19 | 73.74                 | 88°58'04"NW | 19          | 396,336.504600  | 2,389,919.274400 |
| 19 - 20 | 82.31                 | 85°21'49"SW | 20          | 396,254.467300  | 2,389,912.621700 |
| 20 - 21 | 59.11                 | 89°44'36"NW | 21          | 396,195.359800  | 2,389,912.886400 |
| 21 - 22 | 71.26                 | 87°42'36"SW | 22          | 396,124.155500  | 2,389,910.039100 |
| 22 - 23 | 54.90                 | 89°23'16"NW | 23          | 396,069.262700  | 2,389,910.625600 |
| 23 - 24 | 60.50                 | 88°03'05"SW | 24          | 396,008.798300  | 2,389,908.568700 |
| 24 - 25 | 68.97                 | 88°07'53"NW | 25          | 395,939.865300  | 2,389,910.817600 |
| 25 - 26 | 41.68                 | 87°38'26"NW | 26          | 395,898.220900  | 2,389,912.533300 |
| 26 - 27 | 34.57                 | 83°15'21"NW | 27          | 395,863.892300  | 2,389,916.592800 |
| 27 - 28 | 19.48                 | 88°25'29"NW | 28          | 395,844.421100  | 2,389,917.128200 |
| 28 - 29 | 86.68                 | 00°00'23"NE | 29          | 395,844.430800  | 2,390,003.812200 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 33,139.76 metros hasta llegar al vértice 30.

|         |        |             |    |                |                  |
|---------|--------|-------------|----|----------------|------------------|
|         |        |             | 30 | 428,849.928100 | 2,379,776.069900 |
| 30 - 31 | 46.11  | 01°59'28"SW | 31 | 428,848.325900 | 2,379,729.987700 |
| 31 - 32 | 146.74 | 87°39'55"NW | 32 | 428,701.709100 | 2,379,735.965000 |
| 32 - 33 | 104.14 | 85°03'24"NW | 33 | 428,597.958000 | 2,379,744.938400 |
| 33 - 34 | 20.17  | 73°50'43"SW | 34 | 428,578.588100 | 2,379,739.327600 |
| 34 - 35 | 167.80 | 81°29'02"NW | 35 | 428,412.637300 | 2,379,764.176000 |
| 35 - 36 | 47.37  | 84°07'20"NW | 36 | 428,365.521100 | 2,379,769.026400 |
| 36 - 37 | 52.38  | 83°42'45"NW | 37 | 428,313.451600 | 2,379,774.763200 |
| 37 - 38 | 97.57  | 83°24'37"NW | 38 | 428,216.528500 | 2,379,785.959700 |
| 38 - 39 | 55.14  | 80°34'54"NW | 39 | 428,162.132600 | 2,379,794.982600 |
| 39 - 40 | 60.14  | 80°26'24"NW | 40 | 428,102.832100 | 2,379,804.969700 |
| 40 - 41 | 61.92  | 83°58'47"NW | 41 | 428,041.251200 | 2,379,811.464000 |
| 41 - 42 | 104.64 | 80°28'30"NW | 42 | 427,938.056000 | 2,379,828.779000 |
| 42 - 43 | 48.31  | 77°44'50"NW | 43 | 427,890.841900 | 2,379,839.032500 |
| 43 - 44 | 31.35  | 80°21'31"NW | 44 | 427,859.931900 | 2,379,844.283500 |
| 44 - 45 | 58.82  | 77°28'58"NW | 45 | 427,802.507900 | 2,379,857.032000 |
| 45 - 46 | 115.25 | 79°23'06"NW | 46 | 427,689.228100 | 2,379,878.262400 |
| 46 - 47 | 51.73  | 77°24'38"NW | 47 | 427,638.742400 | 2,379,889.537400 |
| 47 - 48 | 99.11  | 78°20'44"NW | 48 | 427,541.672200 | 2,379,909.559100 |
| 48 - 49 | 70.08  | 78°15'25"NW | 49 | 427,473.055500 | 2,379,923.822500 |
| 49 - 50 | 66.08  | 75°12'40"NW | 50 | 427,409.162900 | 2,379,940.690300 |
| 50 - 51 | 100.51 | 75°01'39"NW | 51 | 427,312.064200 | 2,379,966.657600 |
| 51 - 52 | 119.85 | 78°31'53"NW | 52 | 427,194.606800 | 2,379,990.487100 |
| 52 - 53 | 184.82 | 76°04'42"NW | 53 | 427,015.220300 | 2,380,034.951900 |
| 53 - 54 | 85.46  | 76°43'47"NW | 54 | 426,932.043500 | 2,380,054.568300 |
| 54 - 55 | 196.74 | 75°24'59"NW | 55 | 426,741.646300 | 2,380,104.104700 |
| 55 - 56 | 50.00  | 74°32'58"NW | 56 | 426,693.454600 | 2,380,117.424600 |
| 56 - 57 | 53.35  | 74°47'22"NW | 57 | 426,641.974000 | 2,380,131.421700 |
| 57 - 58 | 69.63  | 73°39'32"NW | 58 | 426,575.159800 | 2,380,151.011500 |
| 58 - 59 | 54.45  | 76°21'19"NW | 59 | 426,522.244000 | 2,380,163.856800 |
| 59 - 60 | 65.04  | 75°50'33"NW | 60 | 426,459.180100 | 2,380,179.764500 |
| 60 - 61 | 76.71  | 77°07'28"NW | 61 | 426,384.395800 | 2,380,196.858700 |
| 61 - 62 | 69.59  | 75°37'08"NW | 62 | 426,316.989100 | 2,380,214.142000 |
| 62 - 63 | 73.86  | 76°26'56"NW | 63 | 426,245.184200 | 2,380,231.448500 |
| 63 - 64 | 54.79  | 76°18'58"NW | 64 | 426,191.946300 | 2,380,244.410500 |
| 64 - 65 | 92.73  | 77°19'57"NW | 65 | 426,101.468900 | 2,380,264.746400 |
| 65 - 66 | 101.02 | 74°40'18"NW | 66 | 426,004.039700 | 2,380,291.451600 |
| 66 - 67 | 92.90  | 75°26'15"NW | 67 | 425,914.120900 | 2,380,314.810500 |
| 67 - 68 | 124.36 | 75°31'26"NW | 68 | 425,793.709000 | 2,380,345.897000 |
| 68 - 69 | 72.17  | 75°03'51"NW | 69 | 425,723.981500 | 2,380,364.496700 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 69 - 70   | 121.72                | 75°46'38"N | 70          | 425,605.996500  | 2,380,394.401400 |
| 70 - 71   | 99.79                 | 74°46'00"N | 71          | 425,509.710500  | 2,380,420.621800 |
| 71 - 72   | 91.63                 | 73°07'32"N | 72          | 425,422.027800  | 2,380,447.218900 |
| 72 - 73   | 58.34                 | 78°27'51"N | 73          | 425,364.865800  | 2,380,458.885800 |
| 73 - 74   | 59.29                 | 73°39'02"N | 74          | 425,307.973300  | 2,380,475.575500 |
| 74 - 75   | 59.11                 | 75°17'03"N | 75          | 425,250.805400  | 2,380,490.590100 |
| 75 - 76   | 119.86                | 74°28'44"N | 76          | 425,135.316500  | 2,380,522.663700 |
| 76 - 77   | 83.05                 | 75°46'43"N | 77          | 425,054.815300  | 2,380,543.065300 |
| 77 - 78   | 52.30                 | 80°13'01"N | 78          | 425,003.275100  | 2,380,551.951900 |
| 78 - 79   | 78.20                 | 77°30'39"N | 79          | 424,926.923900  | 2,380,568.863400 |
| 79 - 80   | 88.44                 | 75°36'45"N | 80          | 424,841.254600  | 2,380,590.839300 |
| 80 - 81   | 85.01                 | 76°22'26"N | 81          | 424,758.632800  | 2,380,610.867100 |
| 81 - 82   | 99.41                 | 73°13'44"N | 82          | 424,663.452000  | 2,380,639.551200 |
| 82 - 83   | 65.63                 | 74°22'36"N | 83          | 424,600.245300  | 2,380,657.226300 |
| 83 - 84   | 106.89                | 76°37'01"N | 84          | 424,496.259100  | 2,380,681.966600 |
| 84 - 85   | 85.65                 | 74°54'54"N | 85          | 424,413.559000  | 2,380,704.257200 |
| 85 - 86   | 72.18                 | 74°16'56"N | 86          | 424,344.077100  | 2,380,723.810900 |
| 86 - 87   | 48.97                 | 77°52'15"N | 87          | 424,296.197200  | 2,380,734.100900 |
| 87 - 88   | 76.74                 | 74°33'02"N | 88          | 424,222.227800  | 2,380,754.543800 |
| 88 - 89   | 68.40                 | 74°46'27"N | 89          | 424,156.224100  | 2,380,772.508300 |
| 89 - 90   | 81.05                 | 73°54'46"N | 90          | 424,078.344500  | 2,380,794.967900 |
| 90 - 91   | 101.95                | 79°17'41"N | 91          | 423,978.173400  | 2,380,813.904900 |
| 91 - 92   | 167.25                | 71°34'38"N | 92          | 423,819.497600  | 2,380,866.759100 |
| 92 - 93   | 54.50                 | 79°02'44"N | 93          | 423,765.994600  | 2,380,877.114700 |
| 93 - 94   | 53.27                 | 75°39'24"N | 94          | 423,714.385900  | 2,380,890.311000 |
| 94 - 95   | 75.85                 | 73°32'13"N | 95          | 423,641.643300  | 2,380,911.807200 |
| 95 - 96   | 66.51                 | 59°19'54"N | 96          | 423,584.431600  | 2,380,945.734000 |
| 96 - 97   | 146.62                | 75°19'29"N | 97          | 423,442.595100  | 2,380,982.878000 |
| 97 - 98   | 52.01                 | 54°41'48"N | 98          | 423,400.150800  | 2,381,012.933800 |
| 98 - 99   | 41.68                 | 75°17'59"N | 99          | 423,359.830500  | 2,381,023.511800 |
| 99 - 100  | 42.64                 | 84°21'34"S | 100         | 423,317.394000  | 2,381,019.320700 |
| 100 - 101 | 314.43                | 74°34'36"N | 101         | 423,014.283500  | 2,381,102.943600 |
| 101 - 102 | 56.08                 | 62°43'49"N | 102         | 422,964.432500  | 2,381,128.640000 |
| 102 - 103 | 153.18                | 76°16'21"N | 103         | 422,815.630400  | 2,381,164.989500 |
| 103 - 104 | 275.89                | 71°50'15"N | 104         | 422,553.481700  | 2,381,250.988600 |
| 104 - 105 | 118.03                | 72°19'34"N | 105         | 422,441.026500  | 2,381,286.820900 |
| 105 - 106 | 76.34                 | 72°43'21"N | 106         | 422,368.132700  | 2,381,309.493100 |
| 106 - 107 | 74.27                 | 74°17'11"N | 107         | 422,296.638900  | 2,381,329.607300 |
| 107 - 108 | 109.90                | 72°29'15"N | 108         | 422,191.835300  | 2,381,362.676700 |
| 108 - 109 | 89.77                 | 70°49'24"N | 109         | 422,107.046000  | 2,381,392.164700 |
| 109 - 110 | 75.74                 | 72°29'42"N | 110         | 422,034.817600  | 2,381,414.944800 |
| 110 - 111 | 73.64                 | 71°42'01"N | 111         | 421,964.903400  | 2,381,438.066000 |
| 111 - 112 | 72.34                 | 73°18'28"N | 112         | 421,895.610600  | 2,381,458.844500 |
| 112 - 113 | 45.03                 | 74°14'34"N | 113         | 421,852.272500  | 2,381,471.073000 |
| 113 - 114 | 48.06                 | 70°20'08"N | 114         | 421,807.017500  | 2,381,487.244800 |
| 114 - 115 | 42.67                 | 89°20'05"N | 115         | 421,764.353700  | 2,381,487.740100 |
| 115 - 116 | 65.20                 | 70°42'23"N | 116         | 421,702.815400  | 2,381,509.282600 |
| 116 - 117 | 66.42                 | 70°07'20"N | 117         | 421,640.351400  | 2,381,531.866700 |
| 117 - 118 | 64.23                 | 73°05'16"N | 118         | 421,578.898600  | 2,381,550.551600 |
| 118 - 119 | 95.58                 | 72°20'31"N | 119         | 421,487.824100  | 2,381,579.543400 |
| 119 - 120 | 77.30                 | 71°47'59"N | 120         | 421,414.395600  | 2,381,603.685500 |
| 120 - 121 | 65.69                 | 62°59'12"N | 121         | 421,355.876700  | 2,381,633.519400 |
| 121 - 122 | 70.86                 | 72°53'37"N | 122         | 421,288.153100  | 2,381,654.362100 |
| 122 - 123 | 107.60                | 75°13'30"N | 123         | 421,184.112700  | 2,381,681.802000 |
| 123 - 124 | 78.52                 | 69°39'27"N | 124         | 421,110.487900  | 2,381,709.098400 |
| 124 - 125 | 75.32                 | 79°04'15"N | 125         | 421,036.533100  | 2,381,723.378600 |
| 125 - 126 | 68.74                 | 71°35'45"N | 126         | 420,971.311900  | 2,381,745.079900 |
| 126 - 127 | 98.52                 | 75°12'58"N | 127         | 420,876.052800  | 2,381,770.219300 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 127 - 128 | 82.16                 | 68°53'41"NW | 128         | 420,799.407500  | 2,381,799.802200 |
| 128 - 129 | 49.21                 | 70°50'40"NW | 129         | 420,752.918500  | 2,381,815.950900 |
| 129 - 130 | 35.18                 | 81°37'27"NW | 130         | 420,718.112900  | 2,381,821.075400 |
| 130 - 131 | 31.78                 | 73°40'03"NW | 131         | 420,687.617100  | 2,381,830.011700 |
| 131 - 132 | 48.03                 | 69°07'44"NW | 132         | 420,642.737100  | 2,381,847.123700 |
| 132 - 133 | 50.36                 | 71°49'40"NW | 133         | 420,594.890800  | 2,381,862.828900 |
| 133 - 134 | 47.59                 | 68°37'05"NW | 134         | 420,550.579300  | 2,381,880.178100 |
| 134 - 135 | 74.33                 | 74°16'04"NW | 135         | 420,479.032800  | 2,381,900.332100 |
| 135 - 136 | 29.58                 | 71°58'34"NW | 136         | 420,450.900400  | 2,381,909.485700 |
| 136 - 137 | 31.13                 | 77°56'24"NW | 137         | 420,420.453900  | 2,381,915.990600 |
| 137 - 138 | 57.43                 | 71°33'36"NW | 138         | 420,365.974200  | 2,381,934.155700 |
| 138 - 139 | 48.54                 | 71°16'47"NW | 139         | 420,319.999000  | 2,381,949.735500 |
| 139 - 140 | 60.97                 | 73°11'35"NW | 140         | 420,261.633900  | 2,381,967.364500 |
| 140 - 141 | 52.37                 | 70°58'00"NW | 141         | 420,212.129200  | 2,381,984.442500 |
| 141 - 142 | 57.20                 | 70°47'42"NW | 142         | 420,158.113000  | 2,382,003.258200 |
| 142 - 143 | 61.43                 | 71°00'50"NW | 143         | 420,100.028800  | 2,382,023.242400 |
| 143 - 144 | 37.65                 | 73°40'14"NW | 144         | 420,063.893900  | 2,382,033.829000 |
| 144 - 145 | 23.49                 | 75°37'46"NW | 145         | 420,041.135000  | 2,382,039.660000 |
| 145 - 146 | 31.60                 | 67°31'51"NW | 146         | 420,011.929400  | 2,382,051.738900 |
| 146 - 147 | 63.66                 | 75°16'08"NW | 147         | 419,950.364100  | 2,382,067.925800 |
| 147 - 148 | 37.22                 | 73°37'07"NW | 148         | 419,914.659600  | 2,382,078.421600 |
| 148 - 149 | 44.55                 | 71°14'31"NW | 149         | 419,872.474100  | 2,382,092.748100 |
| 149 - 150 | 49.49                 | 71°36'01"NW | 150         | 419,825.517000  | 2,382,108.368200 |
| 150 - 151 | 39.89                 | 77°42'10"NW | 151         | 419,786.538100  | 2,382,116.864800 |
| 151 - 152 | 23.24                 | 66°17'36"NW | 152         | 419,765.259900  | 2,382,126.208200 |
| 152 - 153 | 33.07                 | 73°00'20"NW | 153         | 419,733.629900  | 2,382,135.875000 |
| 153 - 154 | 61.66                 | 72°56'22"NW | 154         | 419,674.678900  | 2,382,153.966000 |
| 154 - 155 | 44.18                 | 68°28'15"NW | 155         | 419,633.579100  | 2,382,170.179700 |
| 155 - 156 | 28.90                 | 72°50'15"NW | 156         | 419,605.962200  | 2,382,178.708700 |
| 156 - 157 | 50.64                 | 72°51'24"NW | 157         | 419,557.567500  | 2,382,193.636800 |
| 157 - 158 | 37.34                 | 68°37'30"NW | 158         | 419,522.796700  | 2,382,207.245800 |
| 158 - 159 | 50.85                 | 72°51'46"NW | 159         | 419,474.201700  | 2,382,222.230000 |
| 159 - 160 | 72.15                 | 72°12'48"NW | 160         | 419,405.500800  | 2,382,244.269600 |
| 160 - 161 | 64.16                 | 70°03'33"NW | 161         | 419,345.187600  | 2,382,266.151000 |
| 161 - 162 | 81.91                 | 71°36'02"NW | 162         | 419,267.469300  | 2,382,292.003500 |
| 162 - 163 | 82.25                 | 73°38'22"NW | 163         | 419,188.549500  | 2,382,315.171700 |
| 163 - 164 | 55.94                 | 72°12'10"NW | 164         | 419,135.283000  | 2,382,332.270800 |
| 164 - 165 | 77.67                 | 70°27'05"NW | 165         | 419,062.087600  | 2,382,358.260500 |
| 165 - 166 | 39.01                 | 71°55'38"NW | 166         | 419,025.006200  | 2,382,370.360900 |
| 166 - 167 | 56.57                 | 70°34'49"NW | 167         | 418,971.649900  | 2,382,389.171000 |
| 167 - 168 | 66.71                 | 72°15'56"NW | 168         | 418,908.114300  | 2,382,409.489600 |
| 168 - 169 | 85.75                 | 75°22'26"NW | 169         | 418,825.147100  | 2,382,431.141200 |
| 169 - 170 | 63.55                 | 70°41'31"NW | 170         | 418,765.174800  | 2,382,452.152500 |
| 170 - 171 | 60.80                 | 69°28'17"NW | 171         | 418,708.235200  | 2,382,473.473500 |
| 171 - 172 | 49.35                 | 80°44'31"NW | 172         | 418,659.524500  | 2,382,481.413500 |
| 172 - 173 | 43.40                 | 66°04'52"NW | 173         | 418,619.850800  | 2,382,499.009900 |
| 173 - 174 | 31.46                 | 75°22'50"NW | 174         | 418,589.408200  | 2,382,506.950500 |
| 174 - 175 | 40.56                 | 69°04'01"NW | 175         | 418,551.522800  | 2,382,521.442400 |
| 175 - 176 | 77.11                 | 68°16'27"NW | 176         | 418,479.886200  | 2,382,549.987300 |
| 176 - 177 | 81.09                 | 71°57'07"NW | 177         | 418,402.781700  | 2,382,575.111400 |
| 177 - 178 | 69.80                 | 75°41'56"NW | 178         | 418,335.148900  | 2,382,592.352100 |
| 178 - 179 | 57.81                 | 69°57'56"NW | 179         | 418,280.834000  | 2,382,612.157900 |
| 179 - 180 | 47.57                 | 71°33'10"NW | 180         | 418,235.710800  | 2,382,627.209600 |
| 180 - 181 | 84.55                 | 71°20'43"NW | 181         | 418,155.600200  | 2,382,654.254700 |
| 181 - 182 | 51.38                 | 70°58'26"NW | 182         | 418,107.030700  | 2,382,671.003100 |
| 182 - 183 | 77.81                 | 73°03'53"NW | 183         | 418,032.595300  | 2,382,693.668000 |
| 183 - 184 | 38.39                 | 65°36'28"NW | 184         | 417,997.636100  | 2,382,709.520400 |
| 184 - 185 | 36.70                 | 72°02'35"NW | 185         | 417,962.724400  | 2,382,720.834800 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 185 - 186 | 26.55                 | 69°11'43"NW | 186         | 417,937.905100  | 2,382,730.265100 |
| 186 - 187 | 70.61                 | 72°14'25"NW | 187         | 417,870.656800  | 2,382,751.804000 |
| 187 - 188 | 54.77                 | 71°57'09"NW | 188         | 417,818.577600  | 2,382,768.773300 |
| 188 - 189 | 70.53                 | 73°30'29"NW | 189         | 417,750.945900  | 2,382,788.796300 |
| 189 - 190 | 88.87                 | 73°30'29"NW | 190         | 417,665.728900  | 2,382,814.025500 |
| 190 - 191 | 139.96                | 73°30'29"NW | 191         | 417,531.528600  | 2,382,853.756800 |
| 191 - 192 | 119.92                | 73°30'29"NW | 192         | 417,416.540800  | 2,382,887.800000 |
| 192 - 193 | 117.48                | 73°30'29"NW | 193         | 417,303.894700  | 2,382,921.149900 |
| 193 - 194 | 53.22                 | 66°24'43"NW | 194         | 417,255.118600  | 2,382,942.447400 |
| 194 - 195 | 135.84                | 66°24'43"NW | 195         | 417,130.632200  | 2,382,996.802900 |
| 195 - 196 | 59.02                 | 67°43'09"NW | 196         | 417,076.016900  | 2,383,019.180900 |
| 196 - 197 | 74.95                 | 71°27'13"NW | 197         | 417,004.962500  | 2,383,043.019200 |
| 197 - 198 | 84.97                 | 71°29'42"NW | 198         | 416,924.389900  | 2,383,069.986100 |
| 198 - 199 | 50.70                 | 70°02'52"NW | 199         | 416,876.736300  | 2,383,087.285500 |
| 199 - 200 | 37.96                 | 70°15'35"NW | 200         | 416,841.009500  | 2,383,100.105800 |
| 200 - 201 | 52.89                 | 69°34'10"NW | 201         | 416,791.443700  | 2,383,118.569100 |
| 201 - 202 | 42.57                 | 71°29'23"NW | 202         | 416,751.078000  | 2,383,132.083200 |
| 202 - 203 | 18.48                 | 68°17'16"NW | 203         | 416,733.911700  | 2,383,138.918700 |
| 203 - 204 | 46.37                 | 69°48'53"NW | 204         | 416,690.392100  | 2,383,154.918000 |
| 204 - 205 | 42.35                 | 73°00'16"NW | 205         | 416,649.893200  | 2,383,167.296200 |
| 205 - 206 | 38.49                 | 69°40'45"NW | 206         | 416,613.797700  | 2,383,180.663200 |
| 206 - 207 | 60.10                 | 68°41'11"NW | 207         | 416,557.808500  | 2,383,202.507600 |
| 207 - 208 | 47.47                 | 79°02'18"NW | 208         | 416,511.201100  | 2,383,211.534800 |
| 208 - 209 | 66.99                 | 70°48'31"NW | 209         | 416,447.930300  | 2,383,233.557100 |
| 209 - 210 | 68.34                 | 68°46'56"NW | 210         | 416,384.219100  | 2,383,258.291600 |
| 210 - 211 | 61.46                 | 76°48'18"NW | 211         | 416,324.378200  | 2,383,272.321500 |
| 211 - 212 | 86.33                 | 72°34'47"NW | 212         | 416,242.008000  | 2,383,298.166500 |
| 212 - 213 | 57.48                 | 66°22'00"NW | 213         | 416,189.350700  | 2,383,321.208400 |
| 213 - 214 | 70.97                 | 71°39'47"NW | 214         | 416,121.985400  | 2,383,343.535300 |
| 214 - 215 | 59.32                 | 69°18'11"NW | 215         | 416,066.497200  | 2,383,364.498900 |
| 215 - 216 | 58.37                 | 67°40'27"NW | 216         | 416,012.504500  | 2,383,386.671200 |
| 216 - 217 | 53.46                 | 71°07'18"NW | 217         | 415,961.920900  | 2,383,403.968200 |
| 217 - 218 | 60.22                 | 66°08'40"NW | 218         | 415,906.841600  | 2,383,428.324800 |
| 218 - 219 | 25.56                 | 69°19'08"NW | 219         | 415,882.933000  | 2,383,437.350100 |
| 219 - 220 | 48.08                 | 75°35'12"NW | 220         | 415,836.364100  | 2,383,449.318300 |
| 220 - 221 | 72.00                 | 58°52'03"NW | 221         | 415,774.735500  | 2,383,486.542400 |
| 221 - 222 | 96.01                 | 71°59'56"NW | 222         | 415,683.424000  | 2,383,516.213100 |
| 222 - 223 | 47.21                 | 70°28'03"NW | 223         | 415,638.930700  | 2,383,531.997400 |
| 223 - 224 | 83.21                 | 66°10'08"NW | 224         | 415,562.818100  | 2,383,565.616400 |
| 224 - 225 | 42.05                 | 69°45'21"NW | 225         | 415,523.363200  | 2,383,580.167400 |
| 225 - 226 | 125.30                | 71°40'50"NW | 226         | 415,404.411800  | 2,383,619.551400 |
| 226 - 227 | 36.05                 | 62°42'48"NW | 227         | 415,372.375600  | 2,383,636.077000 |
| 227 - 228 | 79.62                 | 70°38'46"NW | 228         | 415,297.253500  | 2,383,662.463400 |
| 228 - 229 | 27.40                 | 56°02'06"NW | 229         | 415,274.530600  | 2,383,677.770000 |
| 229 - 230 | 44.88                 | 61°05'59"NW | 230         | 415,235.240600  | 2,383,699.459400 |
| 230 - 231 | 69.80                 | 70°09'25"NW | 231         | 415,169.581600  | 2,383,723.153800 |
| 231 - 232 | 79.74                 | 74°15'56"NW | 232         | 415,092.826400  | 2,383,744.778500 |
| 232 - 233 | 51.18                 | 79°24'23"NW | 233         | 415,042.521400  | 2,383,754.187000 |
| 233 - 234 | 44.71                 | 60°19'52"NW | 234         | 415,003.673100  | 2,383,776.317600 |
| 234 - 235 | 52.98                 | 68°36'21"NW | 235         | 414,954.339500  | 2,383,795.645200 |
| 235 - 236 | 86.48                 | 58°06'56"NW | 236         | 414,880.904300  | 2,383,841.326600 |
| 236 - 237 | 70.22                 | 68°07'43"NW | 237         | 414,815.736500  | 2,383,867.486000 |
| 237 - 238 | 63.24                 | 66°36'36"NW | 238         | 414,757.693700  | 2,383,892.591100 |
| 238 - 239 | 53.33                 | 66°02'31"NW | 239         | 414,708.958200  | 2,383,914.246700 |
| 239 - 240 | 55.31                 | 65°16'51"NW | 240         | 414,658.713800  | 2,383,937.376800 |
| 240 - 241 | 66.18                 | 66°20'55"NW | 241         | 414,598.091300  | 2,383,963.926700 |
| 241 - 242 | 73.53                 | 66°25'41"NW | 242         | 414,530.698900  | 2,383,993.330400 |
| 242 - 243 | 61.64                 | 67°12'34"NW | 243         | 414,473.870900  | 2,384,017.207600 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 243 - 244 | 55.07                 | 66°48'14"N | 244         | 414,423.253100  | 2,384,038.898200 |
| 244 - 245 | 52.92                 | 66°56'58"N | 245         | 414,374.556600  | 2,384,059.619200 |
| 245 - 246 | 47.22                 | 66°23'51"N | 246         | 414,331.290000  | 2,384,078.524100 |
| 246 - 247 | 63.21                 | 65°25'38"N | 247         | 414,273.802100  | 2,384,104.810800 |
| 247 - 248 | 61.71                 | 74°21'50"N | 248         | 414,214.380200  | 2,384,121.442000 |
| 248 - 249 | 64.82                 | 82°43'41"N | 249         | 414,150.081500  | 2,384,129.646600 |
| 249 - 250 | 71.52                 | 72°29'25"N | 250         | 414,081.872600  | 2,384,151.165300 |
| 250 - 251 | 51.28                 | 72°06'14"N | 251         | 414,033.077500  | 2,384,166.921900 |
| 251 - 252 | 23.15                 | 69°38'26"N | 252         | 414,011.373900  | 2,384,174.975900 |
| 252 - 253 | 47.70                 | 67°05'19"N | 253         | 413,967.435400  | 2,384,193.546300 |
| 253 - 254 | 28.14                 | 68°56'22"N | 254         | 413,941.171300  | 2,384,203.660000 |
| 254 - 255 | 31.16                 | 65°48'41"N | 255         | 413,912.749800  | 2,384,216.426300 |
| 255 - 256 | 51.80                 | 69°18'52"N | 256         | 413,864.288800  | 2,384,234.724200 |
| 256 - 257 | 47.14                 | 63°23'29"N | 257         | 413,822.145900  | 2,384,255.835500 |
| 257 - 258 | 55.89                 | 62°55'28"N | 258         | 413,772.383900  | 2,384,281.273100 |
| 258 - 259 | 65.08                 | 67°28'54"N | 259         | 413,712.263900  | 2,384,306.198100 |
| 259 - 260 | 47.24                 | 72°39'13"N | 260         | 413,667.174000  | 2,384,320.282000 |
| 260 - 261 | 75.18                 | 66°40'02"N | 261         | 413,598.143500  | 2,384,350.057900 |
| 261 - 262 | 33.96                 | 79°58'43"N | 262         | 413,564.699600  | 2,384,355.967800 |
| 262 - 263 | 80.90                 | 87°41'29"N | 263         | 413,483.869500  | 2,384,359.226400 |
| 263 - 264 | 89.68                 | 73°40'46"N | 264         | 413,397.804900  | 2,384,384.426900 |
| 264 - 265 | 80.40                 | 69°08'53"N | 265         | 413,322.674300  | 2,384,413.044200 |
| 265 - 266 | 92.40                 | 65°47'27"N | 266         | 413,238.399400  | 2,384,450.934800 |
| 266 - 267 | 93.08                 | 55°36'40"N | 267         | 413,161.584900  | 2,384,503.508800 |
| 267 - 268 | 78.01                 | 48°40'43"N | 268         | 413,103.000500  | 2,384,555.014800 |
| 268 - 269 | 59.97                 | 53°38'13"N | 269         | 413,054.709900  | 2,384,590.569500 |
| 269 - 270 | 17.41                 | 54°42'58"N | 270         | 413,040.497300  | 2,384,600.626500 |
| 270 - 271 | 22.41                 | 57°14'12"N | 271         | 413,021.650000  | 2,384,612.755600 |
| 271 - 272 | 18.95                 | 61°09'07"N | 272         | 413,005.055200  | 2,384,621.896800 |
| 272 - 273 | 41.19                 | 57°30'46"N | 273         | 412,970.312600  | 2,384,644.019300 |
| 273 - 274 | 19.15                 | 62°15'09"N | 274         | 412,953.366900  | 2,384,652.933900 |
| 274 - 275 | 44.39                 | 71°50'50"N | 275         | 412,911.187800  | 2,384,666.763100 |
| 275 - 276 | 62.75                 | 68°13'55"N | 276         | 412,852.912100  | 2,384,690.034000 |
| 276 - 277 | 50.94                 | 59°41'49"N | 277         | 412,808.928700  | 2,384,715.738800 |
| 277 - 278 | 57.62                 | 63°16'02"N | 278         | 412,757.469400  | 2,384,741.656900 |
| 278 - 279 | 60.54                 | 74°18'23"N | 279         | 412,699.187400  | 2,384,758.032000 |
| 279 - 280 | 64.00                 | 73°32'20"N | 280         | 412,637.806200  | 2,384,776.168600 |
| 280 - 281 | 68.38                 | 73°02'33"N | 281         | 412,572.401600  | 2,384,796.111600 |
| 281 - 282 | 85.49                 | 70°46'27"N | 282         | 412,491.677400  | 2,384,824.263300 |
| 282 - 283 | 82.00                 | 68°12'59"N | 283         | 412,415.534600  | 2,384,854.692900 |
| 283 - 284 | 39.80                 | 70°14'47"N | 284         | 412,378.077300  | 2,384,868.144100 |
| 284 - 285 | 50.46                 | 66°27'58"N | 285         | 412,331.811400  | 2,384,888.293500 |
| 285 - 286 | 47.67                 | 67°45'04"N | 286         | 412,287.692500  | 2,384,906.342000 |
| 286 - 287 | 63.34                 | 65°28'44"N | 287         | 412,230.062300  | 2,384,932.631200 |
| 287 - 288 | 86.88                 | 64°36'09"N | 288         | 412,151.582600  | 2,384,969.891500 |
| 288 - 289 | 57.08                 | 61°31'55"N | 289         | 412,101.403500  | 2,384,997.100200 |
| 289 - 290 | 48.39                 | 66°44'48"N | 290         | 412,056.945800  | 2,385,016.203600 |
| 290 - 291 | 47.66                 | 64°42'01"N | 291         | 412,013.857900  | 2,385,036.570700 |
| 291 - 292 | 55.81                 | 63°05'51"N | 292         | 411,964.085800  | 2,385,061.824100 |
| 292 - 293 | 52.45                 | 66°28'45"N | 293         | 411,915.991600  | 2,385,082.756600 |
| 293 - 294 | 58.75                 | 66°03'47"N | 294         | 411,862.296400  | 2,385,106.592200 |
| 294 - 295 | 62.13                 | 62°33'53"N | 295         | 411,807.154000  | 2,385,135.218100 |
| 295 - 296 | 29.42                 | 65°48'51"N | 296         | 411,780.312700  | 2,385,147.273000 |
| 296 - 297 | 49.38                 | 64°47'24"N | 297         | 411,735.633400  | 2,385,168.306800 |
| 297 - 298 | 33.70                 | 64°41'04"N | 298         | 411,705.171800  | 2,385,182.716000 |
| 298 - 299 | 51.76                 | 67°11'28"N | 299         | 411,657.459000  | 2,385,202.781300 |
| 299 - 300 | 54.86                 | 65°02'44"N | 300         | 411,607.718400  | 2,385,225.927400 |
| 300 - 301 | 46.31                 | 63°28'53"N | 301         | 411,566.276500  | 2,385,246.606300 |



| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 301 - 302 | 73.56                 | 64°05'46"N | 302         | 411,500.104800  | 2,385,278.743100 |
| 302 - 303 | 53.56                 | 61°48'17"N | 303         | 411,452.904000  | 2,385,304.046900 |
| 303 - 304 | 76.12                 | 64°04'48"N | 304         | 411,384.440000  | 2,385,337.320400 |
| 304 - 305 | 56.89                 | 63°30'54"N | 305         | 411,333.519400  | 2,385,362.691700 |
| 305 - 306 | 75.80                 | 64°10'14"N | 306         | 411,265.290400  | 2,385,395.717800 |
| 306 - 307 | 59.32                 | 64°19'15"N | 307         | 411,211.832500  | 2,385,421.421300 |
| 307 - 308 | 83.81                 | 64°32'31"N | 308         | 411,136.157000  | 2,385,457.448600 |
| 308 - 309 | 46.98                 | 66°37'10"N | 309         | 411,093.038800  | 2,385,476.090100 |
| 309 - 310 | 64.84                 | 64°57'40"N | 310         | 411,034.293400  | 2,385,503.531800 |
| 310 - 311 | 73.04                 | 65°48'14"N | 311         | 410,967.667000  | 2,385,533.469100 |
| 311 - 312 | 31.52                 | 64°08'49"N | 312         | 410,939.301600  | 2,385,547.213800 |
| 312 - 313 | 61.11                 | 66°29'47"N | 313         | 410,883.260200  | 2,385,571.585300 |
| 313 - 314 | 43.10                 | 65°19'57"N | 314         | 410,844.090300  | 2,385,589.574400 |
| 314 - 315 | 82.80                 | 68°32'20"N | 315         | 410,767.029300  | 2,385,619.869000 |
| 315 - 316 | 74.63                 | 68°23'43"N | 316         | 410,697.644600  | 2,385,647.346700 |
| 316 - 317 | 49.19                 | 69°40'17"N | 317         | 410,651.521200  | 2,385,664.434400 |
| 317 - 318 | 39.53                 | 65°03'04"N | 318         | 410,615.677600  | 2,385,681.109600 |
| 318 - 319 | 51.08                 | 63°24'13"N | 319         | 410,570.004400  | 2,385,703.977400 |
| 319 - 320 | 56.66                 | 62°52'08"N | 320         | 410,519.577100  | 2,385,729.816700 |
| 320 - 321 | 54.32                 | 57°44'11"N | 321         | 410,473.645100  | 2,385,758.812700 |
| 321 - 322 | 79.01                 | 56°53'30"N | 322         | 410,407.465500  | 2,385,801.968100 |
| 322 - 323 | 54.06                 | 63°49'20"N | 323         | 410,358.947700  | 2,385,825.818200 |
| 323 - 324 | 48.77                 | 61°00'42"N | 324         | 410,316.287600  | 2,385,849.453700 |
| 324 - 325 | 61.86                 | 62°15'10"N | 325         | 410,261.539900  | 2,385,878.254400 |
| 325 - 326 | 67.14                 | 63°51'17"N | 326         | 410,201.269400  | 2,385,907.839600 |
| 326 - 327 | 64.84                 | 61°54'37"N | 327         | 410,144.067400  | 2,385,938.369200 |
| 327 - 328 | 61.71                 | 64°46'49"N | 328         | 410,088.239100  | 2,385,964.663300 |
| 328 - 329 | 48.19                 | 64°21'01"N | 329         | 410,044.799200  | 2,385,985.522500 |
| 329 - 330 | 70.41                 | 66°18'21"N | 330         | 409,980.325200  | 2,386,013.816700 |
| 330 - 331 | 62.21                 | 79°59'45"N | 331         | 409,919.066000  | 2,386,024.622900 |
| 331 - 332 | 47.03                 | 70°18'20"N | 332         | 409,874.790200  | 2,386,040.470900 |
| 332 - 333 | 136.99                | 62°57'25"N | 333         | 409,752.779300  | 2,386,102.753900 |
| 333 - 334 | 97.55                 | 63°32'27"N | 334         | 409,665.447100  | 2,386,146.218100 |
| 334 - 335 | 34.29                 | 64°35'39"N | 335         | 409,634.469100  | 2,386,160.931300 |
| 335 - 336 | 52.83                 | 63°37'12"N | 336         | 409,587.143200  | 2,386,184.403400 |
| 336 - 337 | 42.20                 | 64°54'08"N | 337         | 409,548.927300  | 2,386,202.303100 |
| 337 - 338 | 79.35                 | 63°45'49"N | 338         | 409,477.753400  | 2,386,237.380800 |
| 338 - 339 | 91.04                 | 64°17'38"N | 339         | 409,395.726200  | 2,386,276.868400 |
| 339 - 340 | 73.00                 | 64°48'21"N | 340         | 409,329.667400  | 2,386,307.944800 |
| 340 - 341 | 94.85                 | 62°46'02"N | 341         | 409,245.327000  | 2,386,351.350500 |
| 341 - 342 | 121.95                | 64°09'46"N | 342         | 409,135.570200  | 2,386,404.496700 |
| 342 - 343 | 124.69                | 65°01'26"N | 343         | 409,022.537300  | 2,386,457.146900 |
| 343 - 344 | 44.77                 | 69°45'42"N | 344         | 408,980.535000  | 2,386,472.632500 |
| 344 - 345 | 83.03                 | 75°19'50"N | 345         | 408,900.210300  | 2,386,493.659400 |
| 345 - 346 | 69.94                 | 73°09'16"N | 346         | 408,833.269400  | 2,386,513.927900 |
| 346 - 347 | 57.15                 | 67°38'54"N | 347         | 408,780.415600  | 2,386,535.660400 |
| 347 - 348 | 112.02                | 57°46'41"N | 348         | 408,685.649500  | 2,386,595.388100 |
| 348 - 349 | 65.92                 | 54°13'06"N | 349         | 408,632.175700  | 2,386,633.928600 |
| 349 - 350 | 37.81                 | 52°39'48"N | 350         | 408,602.113300  | 2,386,656.860400 |
| 350 - 351 | 36.75                 | 57°01'20"N | 351         | 408,571.280400  | 2,386,676.866400 |
| 351 - 352 | 38.24                 | 57°29'49"N | 352         | 408,539.029800  | 2,386,697.414700 |
| 352 - 353 | 40.25                 | 64°30'44"N | 353         | 408,502.696500  | 2,386,714.735200 |
| 353 - 354 | 35.85                 | 44°17'13"N | 354         | 408,477.664400  | 2,386,740.398000 |
| 354 - 355 | 12.83                 | 01°40'20"E | 355         | 408,478.038800  | 2,386,753.220700 |
| 355 - 356 | 51.16                 | 63°02'20"N | 356         | 408,432.437300  | 2,386,776.416700 |
| 356 - 357 | 48.77                 | 61°24'47"N | 357         | 408,389.609100  | 2,386,799.754600 |
| 357 - 358 | 48.89                 | 60°54'31"N | 358         | 408,346.887000  | 2,386,823.524900 |
| 358 - 359 | 45.19                 | 60°24'29"N | 359         | 408,307.591200  | 2,386,845.840500 |
| 359 - 360 | 46.04                 | 61°37'04"N | 360         | 408,267.087900  | 2,386,867.724100 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 360 - 361 | 43.41                 | 61°33'11"N | 361         | 408,228.915500  | 2,386,888.404200 |
| 361 - 362 | 44.21                 | 67°26'05"N | 362         | 408,188.089100  | 2,386,905.369400 |
| 362 - 363 | 31.48                 | 68°51'07"N | 363         | 408,158.731800  | 2,386,916.725700 |
| 363 - 364 | 24.63                 | 71°08'38"N | 364         | 408,135.426900  | 2,386,924.684800 |
| 364 - 365 | 28.64                 | 75°08'14"N | 365         | 408,107.746500  | 2,386,932.030700 |
| 365 - 366 | 38.76                 | 66°44'54"N | 366         | 408,072.134400  | 2,386,947.331900 |
| 366 - 367 | 54.50                 | 66°39'14"N | 367         | 408,022.100800  | 2,386,968.927500 |
| 367 - 368 | 42.88                 | 68°12'48"N | 368         | 407,982.285300  | 2,386,984.841700 |
| 368 - 369 | 54.87                 | 67°11'29"N | 369         | 407,931.703300  | 2,387,006.113100 |
| 369 - 370 | 29.15                 | 63°30'32"N | 370         | 407,905.616100  | 2,387,019.114600 |
| 370 - 371 | 34.32                 | 68°10'18"N | 371         | 407,873.759300  | 2,387,031.874600 |
| 371 - 372 | 50.69                 | 67°36'00"N | 372         | 407,826.895200  | 2,387,051.190400 |
| 372 - 373 | 40.80                 | 66°26'01"N | 373         | 407,789.495900  | 2,387,067.503500 |
| 373 - 374 | 36.10                 | 69°40'42"N | 374         | 407,755.646400  | 2,387,080.039200 |
| 374 - 375 | 39.40                 | 68°36'57"N | 375         | 407,718.956200  | 2,387,094.406200 |
| 375 - 376 | 45.34                 | 66°34'11"N | 376         | 407,677.353400  | 2,387,112.435300 |
| 376 - 377 | 64.55                 | 61°18'35"N | 377         | 407,620.731400  | 2,387,143.422300 |
| 377 - 378 | 52.90                 | 60°37'34"N | 378         | 407,574.631000  | 2,387,169.370800 |
| 378 - 379 | 43.25                 | 57°15'34"N | 379         | 407,538.249600  | 2,387,192.763400 |
| 379 - 380 | 33.00                 | 60°54'39"N | 380         | 407,509.411700  | 2,387,208.807100 |
| 380 - 381 | 46.71                 | 68°05'57"N | 381         | 407,466.075600  | 2,387,226.228600 |
| 381 - 382 | 60.32                 | 68°31'02"N | 382         | 407,409.948100  | 2,387,248.318100 |
| 382 - 383 | 57.72                 | 65°36'04"N | 383         | 407,357.385100  | 2,387,272.160500 |
| 383 - 384 | 65.95                 | 75°38'09"N | 384         | 407,293.492700  | 2,387,288.522400 |
| 384 - 385 | 87.23                 | 76°14'27"N | 385         | 407,208.767800  | 2,387,309.268800 |
| 385 - 386 | 49.92                 | 69°49'09"N | 386         | 407,161.910300  | 2,387,326.491100 |
| 386 - 387 | 54.85                 | 87°14'42"N | 387         | 407,107.123300  | 2,387,329.127300 |
| 387 - 388 | 78.03                 | 87°21'10"N | 388         | 407,029.178500  | 2,387,332.731000 |
| 388 - 389 | 139.94                | 81°23'36"N | 389         | 406,890.818500  | 2,387,353.672200 |
| 389 - 390 | 48.67                 | 58°21'11"N | 390         | 406,849.388300  | 2,387,379.207000 |
| 390 - 391 | 44.45                 | 47°53'15"N | 391         | 406,816.415100  | 2,387,409.013600 |
| 391 - 392 | 97.97                 | 65°25'43"N | 392         | 406,727.316900  | 2,387,449.751700 |
| 392 - 393 | 98.22                 | 68°38'07"N | 393         | 406,635.846300  | 2,387,485.533300 |
| 393 - 394 | 43.35                 | 66°46'27"N | 394         | 406,596.011500  | 2,387,502.627700 |
| 394 - 395 | 55.57                 | 66°01'28"N | 395         | 406,545.235200  | 2,387,525.208600 |
| 395 - 396 | 55.48                 | 61°41'05"N | 396         | 406,496.394400  | 2,387,551.523400 |
| 396 - 397 | 64.64                 | 54°46'53"N | 397         | 406,443.587700  | 2,387,588.800000 |
| 397 - 398 | 62.56                 | 57°20'53"N | 398         | 406,390.913900  | 2,387,622.553400 |
| 398 - 399 | 34.71                 | 71°18'57"N | 399         | 406,358.032700  | 2,387,633.672900 |
| 399 - 400 | 70.59                 | 72°16'01"N | 400         | 406,290.795000  | 2,387,655.173800 |
| 400 - 401 | 56.26                 | 70°43'10"N | 401         | 406,237.693300  | 2,387,673.749400 |
| 401 - 402 | 46.56                 | 65°19'10"N | 402         | 406,195.384300  | 2,387,693.191800 |
| 402 - 403 | 47.47                 | 74°56'03"N | 403         | 406,149.543500  | 2,387,705.531200 |
| 403 - 404 | 82.24                 | 70°55'57"N | 404         | 406,071.815000  | 2,387,732.397700 |
| 404 - 405 | 78.76                 | 71°50'54"N | 405         | 405,996.976600  | 2,387,756.933000 |
| 405 - 406 | 58.37                 | 75°11'59"N | 406         | 405,940.544800  | 2,387,771.843000 |
| 406 - 407 | 59.49                 | 77°26'02"N | 407         | 405,882.481000  | 2,387,784.785600 |
| 407 - 408 | 78.80                 | 71°43'17"N | 408         | 405,807.657900  | 2,387,809.499800 |
| 408 - 409 | 36.65                 | 69°43'41"N | 409         | 405,773.276500  | 2,387,822.198600 |
| 409 - 410 | 50.20                 | 76°30'39"N | 410         | 405,724.462700  | 2,387,833.907900 |
| 410 - 411 | 50.82                 | 74°31'14"N | 411         | 405,675.482100  | 2,387,847.472500 |
| 411 - 412 | 48.68                 | 76°25'24"N | 412         | 405,628.165100  | 2,387,858.899200 |
| 412 - 413 | 46.43                 | 70°00'37"N | 413         | 405,584.527700  | 2,387,874.773000 |
| 413 - 414 | 76.18                 | 65°50'19"N | 414         | 405,515.023300  | 2,387,905.953000 |
| 414 - 415 | 91.83                 | 62°14'39"N | 415         | 405,433.759200  | 2,387,948.718500 |
| 415 - 416 | 71.75                 | 73°19'50"N | 416         | 405,365.020900  | 2,387,969.300900 |
| 416 - 417 | 68.66                 | 70°21'47"N | 417         | 405,300.355500  | 2,387,992.374000 |
| 417 - 418 | 40.51                 | 69°03'07"N | 418         | 405,262.525400  | 2,388,006.856100 |
| 418 - 419 | 73.06                 | 72°32'13"N | 419         | 405,192.829300  | 2,388,028.781600 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 419 - 420 | 129.07                | 78°54'10"NW | 420         | 405,066.172600  | 2,388,053.623800 |
| 420 - 421 | 67.62                 | 73°43'37"NW | 421         | 405,001.259700  | 2,388,072.572400 |
| 421 - 422 | 54.70                 | 72°45'11"NW | 422         | 404,949.021800  | 2,388,088.789400 |
| 422 - 423 | 39.86                 | 75°07'33"NW | 423         | 404,910.500000  | 2,388,099.020500 |
| 423 - 424 | 23.95                 | 72°27'33"NW | 424         | 404,887.667300  | 2,388,106.237400 |
| 424 - 425 | 42.67                 | 74°24'01"NW | 425         | 404,846.568600  | 2,388,117.712100 |
| 425 - 426 | 52.06                 | 65°07'17"NW | 426         | 404,799.340000  | 2,388,139.613400 |
| 426 - 427 | 32.51                 | 60°55'20"NW | 427         | 404,770.926800  | 2,388,155.413400 |
| 427 - 428 | 34.88                 | 54°32'07"NW | 428         | 404,742.515900  | 2,388,175.652200 |
| 428 - 429 | 53.75                 | 59°22'16"NW | 429         | 404,696.266100  | 2,388,203.035600 |
| 429 - 430 | 46.02                 | 57°17'12"NW | 430         | 404,657.542800  | 2,388,227.908200 |
| 430 - 431 | 26.27                 | 56°16'39"NW | 431         | 404,635.695100  | 2,388,242.491100 |
| 431 - 432 | 37.85                 | 55°50'45"NW | 432         | 404,604.370700  | 2,388,263.742400 |
| 432 - 433 | 60.69                 | 60°54'39"NW | 433         | 404,551.334900  | 2,388,293.248300 |
| 433 - 434 | 73.41                 | 61°46'27"NW | 434         | 404,486.657300  | 2,388,327.965400 |
| 434 - 435 | 26.29                 | 61°05'20"NW | 435         | 404,463.642100  | 2,388,340.676200 |
| 435 - 436 | 63.09                 | 61°10'58"NW | 436         | 404,408.362700  | 2,388,371.087900 |
| 436 - 437 | 100.11                | 64°39'04"NW | 437         | 404,317.891500  | 2,388,413.947900 |
| 437 - 438 | 134.50                | 64°00'47"NW | 438         | 404,196.988700  | 2,388,472.881400 |
| 438 - 439 | 48.66                 | 68°17'45"NW | 439         | 404,151.782400  | 2,388,490.874900 |
| 439 - 440 | 94.84                 | 67°41'53"NW | 440         | 404,064.037000  | 2,388,526.865200 |
| 440 - 441 | 91.92                 | 67°43'52"NW | 441         | 403,978.973500  | 2,388,561.698200 |
| 441 - 442 | 30.46                 | 62°51'01"NW | 442         | 403,951.873000  | 2,388,575.595800 |
| 442 - 443 | 73.76                 | 49°31'13"NW | 443         | 403,895.771600  | 2,388,623.476200 |
| 443 - 444 | 93.71                 | 58°56'42"NW | 444         | 403,815.496300  | 2,388,671.815300 |
| 444 - 445 | 73.91                 | 56°58'37"NW | 445         | 403,753.525600  | 2,388,712.094600 |
| 445 - 446 | 77.35                 | 56°49'33"NW | 446         | 403,688.784700  | 2,388,754.417800 |
| 446 - 447 | 66.60                 | 71°08'52"NW | 447         | 403,625.756800  | 2,388,775.938300 |
| 447 - 448 | 54.05                 | 70°13'36"NW | 448         | 403,574.896100  | 2,388,794.222500 |
| 448 - 449 | 72.08                 | 66°54'21"NW | 449         | 403,508.593800  | 2,388,822.494500 |
| 449 - 450 | 94.23                 | 73°19'16"NW | 450         | 403,418.329200  | 2,388,849.538700 |
| 450 - 451 | 92.53                 | 80°02'01"NW | 451         | 403,327.196900  | 2,388,865.552500 |
| 451 - 452 | 103.50                | 71°08'08"NW | 452         | 403,229.254000  | 2,388,899.017600 |
| 452 - 453 | 114.79                | 61°55'32"NW | 453         | 403,127.971800  | 2,388,953.038900 |
| 453 - 454 | 69.40                 | 48°52'06"NW | 454         | 403,075.699300  | 2,388,998.690000 |
| 454 - 455 | 55.87                 | 63°27'28"NW | 455         | 403,025.720600  | 2,389,023.654400 |
| 455 - 456 | 47.57                 | 76°23'28"NW | 456         | 402,979.483500  | 2,389,034.847900 |
| 456 - 457 | 94.47                 | 79°50'43"NW | 457         | 402,886.491100  | 2,389,051.503600 |
| 457 - 458 | 74.65                 | 54°56'02"NW | 458         | 402,825.388700  | 2,389,094.392700 |
| 458 - 459 | 73.09                 | 66°15'42"NW | 459         | 402,758.485300  | 2,389,123.814300 |
| 459 - 460 | 73.07                 | 80°58'06"NW | 460         | 402,686.316400  | 2,389,135.285300 |
| 460 - 461 | 126.50                | 73°39'08"NW | 461         | 402,564.929600  | 2,389,170.891100 |
| 461 - 462 | 78.70                 | 63°15'20"NW | 462         | 402,494.644900  | 2,389,206.308600 |
| 462 - 463 | 114.69                | 54°52'12"NW | 463         | 402,400.843200  | 2,389,272.306600 |
| 463 - 464 | 69.59                 | 72°38'51"NW | 464         | 402,334.422700  | 2,389,293.061000 |
| 464 - 465 | 97.36                 | 70°11'25"NW | 465         | 402,242.827400  | 2,389,326.054400 |
| 465 - 466 | 85.80                 | 74°53'45"NW | 466         | 402,159.986600  | 2,389,348.412600 |
| 466 - 467 | 46.57                 | 74°57'41"NW | 467         | 402,115.014300  | 2,389,360.495300 |
| 467 - 468 | 61.07                 | 74°42'20"NW | 468         | 402,056.109800  | 2,389,376.603400 |
| 468 - 469 | 84.64                 | 70°54'30"NW | 469         | 401,976.124000  | 2,389,404.287800 |
| 469 - 470 | 59.80                 | 71°39'10"NW | 470         | 401,919.367200  | 2,389,423.110200 |
| 470 - 471 | 78.49                 | 75°12'42"NW | 471         | 401,843.478400  | 2,389,443.144200 |
| 471 - 472 | 63.15                 | 70°46'08"NW | 472         | 401,783.856700  | 2,389,463.942800 |
| 472 - 473 | 51.75                 | 71°29'44"NW | 473         | 401,734.785400  | 2,389,480.365800 |
| 473 - 474 | 55.63                 | 73°22'46"NW | 474         | 401,681.484200  | 2,389,496.276400 |
| 474 - 475 | 78.98                 | 73°51'18"NW | 475         | 401,605.618200  | 2,389,518.238200 |
| 475 - 476 | 55.95                 | 71°43'30"NW | 476         | 401,552.492600  | 2,389,535.782100 |
| 476 - 477 | 69.93                 | 72°46'53"NW | 477         | 401,485.695700  | 2,389,556.482900 |
| 477 - 478 | 59.42                 | 74°42'10"NW | 478         | 401,428.381100  | 2,389,572.159400 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 478 - 479 | 87.28                 | 73°31'56"NW | 479         | 401,344.680000  | 2,389,596.901400 |
| 479 - 480 | 51.22                 | 71°10'59"NW | 480         | 401,296.195400  | 2,389,613.422900 |
| 480 - 481 | 32.62                 | 73°15'41"NW | 481         | 401,264.954100  | 2,389,622.818600 |
| 481 - 482 | 31.90                 | 69°30'35"NW | 482         | 401,235.072200  | 2,389,633.985200 |
| 482 - 483 | 49.65                 | 74°02'20"NW | 483         | 401,187.337700  | 2,389,647.637700 |
| 483 - 484 | 47.37                 | 72°04'04"NW | 484         | 401,142.272700  | 2,389,662.221200 |
| 484 - 485 | 46.77                 | 75°15'05"NW | 485         | 401,097.042400  | 2,389,674.128000 |
| 485 - 486 | 52.16                 | 69°52'51"NW | 486         | 401,048.065000  | 2,389,692.069500 |
| 486 - 487 | 35.16                 | 69°53'02"NW | 487         | 401,015.046400  | 2,389,704.163000 |
| 487 - 488 | 68.11                 | 74°10'26"NW | 488         | 400,949.514100  | 2,389,722.738700 |
| 488 - 489 | 38.63                 | 74°01'32"NW | 489         | 400,912.373300  | 2,389,733.370700 |
| 489 - 490 | 36.89                 | 73°00'16"NW | 490         | 400,877.091500  | 2,389,744.154300 |
| 490 - 491 | 38.79                 | 75°32'03"NW | 491         | 400,839.529400  | 2,389,753.844600 |
| 491 - 492 | 41.62                 | 73°25'20"NW | 492         | 400,799.644100  | 2,389,765.718000 |
| 492 - 493 | 27.29                 | 71°16'01"NW | 493         | 400,773.795300  | 2,389,774.483900 |
| 493 - 494 | 38.22                 | 72°43'16"NW | 494         | 400,737.297300  | 2,389,785.837000 |
| 494 - 495 | 38.24                 | 74°26'31"NW | 495         | 400,700.456000  | 2,389,796.094200 |
| 495 - 496 | 42.92                 | 74°51'27"NW | 496         | 400,659.025900  | 2,389,807.305700 |
| 496 - 497 | 52.10                 | 75°07'32"NW | 497         | 400,608.672300  | 2,389,820.679500 |
| 497 - 498 | 40.04                 | 75°56'56"NW | 498         | 400,569.832500  | 2,389,830.400100 |
| 498 - 499 | 53.23                 | 78°14'09"NW | 499         | 400,517.721000  | 2,389,841.252700 |
| 499 - 500 | 35.29                 | 82°39'09"NW | 500         | 400,482.719600  | 2,389,845.765900 |
| 500 - 501 | 65.69                 | 79°05'38"NW | 501         | 400,418.214300  | 2,389,858.194700 |
| 501 - 502 | 35.11                 | 79°18'29"NW | 502         | 400,383.711500  | 2,389,864.709000 |
| 502 - 503 | 66.84                 | 81°21'08"NW | 503         | 400,317.626700  | 2,389,874.759600 |
| 503 - 504 | 81.13                 | 86°29'42"NW | 504         | 400,236.647700  | 2,389,879.719200 |
| 504 - 505 | 27.35                 | 89°41'41"NW | 505         | 400,209.299100  | 2,389,879.864800 |
| 505 - 506 | 53.81                 | 82°02'21"NW | 506         | 400,156.004300  | 2,389,887.317600 |
| 506 - 507 | 80.39                 | 83°49'09"NW | 507         | 400,076.082800  | 2,389,895.972600 |
| 507 - 508 | 59.53                 | 88°03'12"NW | 508         | 400,016.587700  | 2,389,897.994600 |
| 508 - 509 | 22.82                 | 89°02'31"SW | 509         | 399,993.767200  | 2,389,897.613000 |
| 509 - 510 | 55.26                 | 81°05'07"NW | 510         | 399,939.174300  | 2,389,906.176300 |
| 510 - 511 | 104.86                | 82°48'24"NW | 511         | 399,835.136700  | 2,389,919.307000 |
| 511 - 512 | 137.69                | 87°36'47"NW | 512         | 399,697.563500  | 2,389,925.041300 |
| 512 - 513 | 159.13                | 87°27'16"NW | 513         | 399,538.592700  | 2,389,932.108600 |
| 513 - 514 | 87.82                 | 86°46'13"SW | 514         | 399,450.911100  | 2,389,927.160900 |
| 514 - 515 | 94.57                 | 89°51'55"SW | 515         | 399,356.345600  | 2,389,926.938900 |
| 515 - 516 | 186.24                | 86°19'04"NW | 516         | 399,170.494200  | 2,389,938.898900 |
| 516 - 517 | 47.81                 | 89°48'02"NW | 517         | 399,122.685500  | 2,389,939.065100 |
| 517 - 518 | 78.12                 | 89°04'02"NW | 518         | 399,044.575000  | 2,389,940.336800 |
| 518 - 519 | 33.81                 | 78°11'50"NW | 519         | 399,011.479200  | 2,389,947.252500 |
| 519 - 520 | 73.03                 | 87°11'25"SW | 520         | 398,938.540500  | 2,389,943.673100 |
| 520 - 521 | 154.43                | 87°20'40"SW | 521         | 398,784.279100  | 2,389,936.518600 |
| 521 - 522 | 107.29                | 88°16'55"NW | 522         | 398,677.035100  | 2,389,939.735200 |
| 522 - 523 | 116.14                | 88°58'57"NW | 523         | 398,560.914600  | 2,389,941.797300 |
| 523 - 524 | 139.57                | 87°54'13"SW | 524         | 398,421.439400  | 2,389,936.692300 |
| 524 - 525 | 58.34                 | 87°03'21"NW | 525         | 398,363.180000  | 2,389,939.688600 |
| 525 - 526 | 33.60                 | 75°04'14"NW | 526         | 398,330.711300  | 2,389,948.345700 |
| 526 - 527 | 53.74                 | 88°29'20"SW | 527         | 398,276.990400  | 2,389,946.928800 |
| 527 - 528 | 122.58                | 85°16'50"NW | 528         | 398,154.830500  | 2,389,957.013900 |
| 528 - 529 | 47.78                 | 86°27'08"NW | 529         | 398,107.139200  | 2,389,959.970600 |
| 529 - 530 | 98.50                 | 82°06'05"NW | 530         | 398,009.572800  | 2,389,973.506300 |
| 530 - 531 | 62.99                 | 88°46'41"NW | 531         | 397,946.596600  | 2,389,974.849300 |
| 531 - 532 | 48.71                 | 88°46'41"NW | 532         | 397,897.901500  | 2,389,975.887800 |
| 532 - 533 | 133.41                | 88°46'41"NW | 533         | 397,764.521600  | 2,389,978.732200 |
| 533 - 534 | 96.56                 | 88°46'41"NW | 534         | 397,667.981100  | 2,389,980.791000 |
| 534 - 535 | 70.41                 | 88°46'41"NW | 535         | 397,597.588700  | 2,389,982.292200 |
| 535 - 536 | 55.25                 | 88°46'42"NW | 536         | 397,542.347700  | 2,389,983.470200 |
| 536 - 1   | 46.54                 | 88°46'41"NW | 1           |                 |                  |

**Zona Núcleo**  
**“Las Coloradas-Cuyo”**  
**(Superficie 342-31-76.03 hectáreas)**

| Est-PV                                                                                                                                                                         | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                                |                       |             |             | X               | Y                |
|                                                                                                                                                                                |                       |             | 1           | 398,560.914600  | 2,389,941.797300 |
| 1 - 2                                                                                                                                                                          | 54.25                 | 11°58'21"NW | 2           | 398,549.660900  | 2,389,994.865900 |
| 2 - 3                                                                                                                                                                          | 41.64                 | 11°42'59"NW | 3           | 398,541.205700  | 2,390,035.634900 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 30,398.08 metros hasta llegar al vértice 4. |                       |             |             |                 |                  |
|                                                                                                                                                                                |                       |             | 4           | 427,026.625000  | 2,380,127.945100 |
| 4 - 5                                                                                                                                                                          | 93.69                 | 06°59'30"SW | 5           | 427,015.220300  | 2,380,034.951900 |
| 5 - 6                                                                                                                                                                          | 85.46                 | 76°43'47"NW | 6           | 426,932.043500  | 2,380,054.568300 |
| 6 - 7                                                                                                                                                                          | 196.74                | 75°24'59"NW | 7           | 426,741.646300  | 2,380,104.104700 |
| 7 - 8                                                                                                                                                                          | 50.00                 | 74°32'58"NW | 8           | 426,693.454600  | 2,380,117.424600 |
| 8 - 9                                                                                                                                                                          | 53.35                 | 74°47'22"NW | 9           | 426,641.974000  | 2,380,131.421700 |
| 9 - 10                                                                                                                                                                         | 69.63                 | 73°39'32"NW | 10          | 426,575.159800  | 2,380,151.011500 |
| 10 - 11                                                                                                                                                                        | 54.45                 | 76°21'19"NW | 11          | 426,522.244000  | 2,380,163.856800 |
| 11 - 12                                                                                                                                                                        | 65.04                 | 75°50'33"NW | 12          | 426,459.180100  | 2,380,179.764500 |
| 12 - 13                                                                                                                                                                        | 76.71                 | 77°07'28"NW | 13          | 426,384.395800  | 2,380,196.858700 |
| 13 - 14                                                                                                                                                                        | 69.59                 | 75°37'08"NW | 14          | 426,316.989100  | 2,380,214.142000 |
| 14 - 15                                                                                                                                                                        | 73.86                 | 76°26'56"NW | 15          | 426,245.184200  | 2,380,231.448500 |
| 15 - 16                                                                                                                                                                        | 54.79                 | 76°18'58"NW | 16          | 426,191.946300  | 2,380,244.410500 |
| 16 - 17                                                                                                                                                                        | 92.73                 | 77°19'57"NW | 17          | 426,101.468900  | 2,380,264.746400 |
| 17 - 18                                                                                                                                                                        | 101.02                | 74°40'18"NW | 18          | 426,004.039700  | 2,380,291.451600 |
| 18 - 19                                                                                                                                                                        | 92.90                 | 75°26'15"NW | 19          | 425,914.120900  | 2,380,314.810500 |
| 19 - 20                                                                                                                                                                        | 124.36                | 75°31'26"NW | 20          | 425,793.709000  | 2,380,345.897000 |
| 20 - 21                                                                                                                                                                        | 72.17                 | 75°03'51"NW | 21          | 425,723.981500  | 2,380,364.496700 |
| 21 - 22                                                                                                                                                                        | 121.72                | 75°46'38"NW | 22          | 425,605.996500  | 2,380,394.401400 |
| 22 - 23                                                                                                                                                                        | 99.79                 | 74°46'00"NW | 23          | 425,509.710500  | 2,380,420.621800 |
| 23 - 24                                                                                                                                                                        | 91.63                 | 73°07'32"NW | 24          | 425,422.027800  | 2,380,447.218900 |
| 24 - 25                                                                                                                                                                        | 58.34                 | 78°27'51"NW | 25          | 425,364.865800  | 2,380,458.885800 |
| 25 - 26                                                                                                                                                                        | 59.29                 | 73°39'02"NW | 26          | 425,307.973300  | 2,380,475.575500 |
| 26 - 27                                                                                                                                                                        | 59.11                 | 75°17'03"NW | 27          | 425,250.805400  | 2,380,490.590100 |
| 27 - 28                                                                                                                                                                        | 119.86                | 74°28'44"NW | 28          | 425,135.316500  | 2,380,522.663700 |
| 28 - 29                                                                                                                                                                        | 83.05                 | 75°46'43"NW | 29          | 425,054.815300  | 2,380,543.065300 |
| 29 - 30                                                                                                                                                                        | 52.30                 | 80°13'01"NW | 30          | 425,003.275100  | 2,380,551.951900 |
| 30 - 31                                                                                                                                                                        | 78.20                 | 77°30'39"NW | 31          | 424,926.923900  | 2,380,568.863400 |
| 31 - 32                                                                                                                                                                        | 88.44                 | 75°36'45"NW | 32          | 424,841.254600  | 2,380,590.839300 |
| 32 - 33                                                                                                                                                                        | 85.01                 | 76°22'26"NW | 33          | 424,758.632800  | 2,380,610.867100 |
| 33 - 34                                                                                                                                                                        | 99.41                 | 73°13'44"NW | 34          | 424,663.452000  | 2,380,639.551200 |
| 34 - 35                                                                                                                                                                        | 65.63                 | 74°22'36"NW | 35          | 424,600.245300  | 2,380,657.226300 |
| 35 - 36                                                                                                                                                                        | 106.89                | 76°37'01"NW | 36          | 424,496.259100  | 2,380,681.966600 |
| 36 - 37                                                                                                                                                                        | 85.65                 | 74°54'54"NW | 37          | 424,413.559000  | 2,380,704.257200 |
| 37 - 38                                                                                                                                                                        | 72.18                 | 74°16'56"NW | 38          | 424,344.077100  | 2,380,723.810900 |
| 38 - 39                                                                                                                                                                        | 48.97                 | 77°52'15"NW | 39          | 424,296.197200  | 2,380,734.100900 |
| 39 - 40                                                                                                                                                                        | 76.74                 | 74°33'02"NW | 40          | 424,222.227800  | 2,380,754.543800 |
| 40 - 41                                                                                                                                                                        | 68.40                 | 74°46'27"NW | 41          | 424,156.224100  | 2,380,772.508300 |
| 41 - 42                                                                                                                                                                        | 81.05                 | 73°54'46"NW | 42          | 424,078.344500  | 2,380,794.967900 |
| 42 - 43                                                                                                                                                                        | 101.95                | 79°17'41"NW | 43          | 423,978.173400  | 2,380,813.904900 |
| 43 - 44                                                                                                                                                                        | 167.25                | 71°34'38"NW | 44          | 423,819.497600  | 2,380,866.759100 |
| 44 - 45                                                                                                                                                                        | 54.50                 | 79°02'44"NW | 45          | 423,765.994600  | 2,380,877.114700 |
| 45 - 46                                                                                                                                                                        | 53.27                 | 75°39'24"NW | 46          | 423,714.385900  | 2,380,890.311000 |
| 46 - 47                                                                                                                                                                        | 75.85                 | 73°32'13"NW | 47          | 423,641.643300  | 2,380,911.807200 |
| 47 - 48                                                                                                                                                                        | 66.51                 | 59°19'54"NW | 48          | 423,584.431600  | 2,380,945.734000 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 48 - 49   | 146.62                | 75°19'29"NW | 49          | 423,442.595100  | 2,380,982.878000 |
| 49 - 50   | 52.01                 | 54°41'48"NW | 50          | 423,400.150800  | 2,381,012.933800 |
| 50 - 51   | 41.68                 | 75°17'59"NW | 51          | 423,359.830500  | 2,381,023.511800 |
| 51 - 52   | 42.64                 | 84°21'34"SW | 52          | 423,317.394000  | 2,381,019.320700 |
| 52 - 53   | 314.43                | 74°34'36"NW | 53          | 423,014.283500  | 2,381,102.943600 |
| 53 - 54   | 56.08                 | 62°43'49"NW | 54          | 422,964.432500  | 2,381,128.640000 |
| 54 - 55   | 153.18                | 76°16'21"NW | 55          | 422,815.630400  | 2,381,164.989500 |
| 55 - 56   | 275.89                | 71°50'15"NW | 56          | 422,553.481700  | 2,381,250.988600 |
| 56 - 57   | 118.03                | 72°19'34"NW | 57          | 422,441.026500  | 2,381,286.820900 |
| 57 - 58   | 76.34                 | 72°43'21"NW | 58          | 422,368.132700  | 2,381,309.493100 |
| 58 - 59   | 74.27                 | 74°17'11"NW | 59          | 422,296.638900  | 2,381,329.607300 |
| 59 - 60   | 109.90                | 72°29'15"NW | 60          | 422,191.835300  | 2,381,362.676700 |
| 60 - 61   | 89.77                 | 70°49'24"NW | 61          | 422,107.046000  | 2,381,392.164700 |
| 61 - 62   | 75.74                 | 72°29'42"NW | 62          | 422,034.817600  | 2,381,414.944800 |
| 62 - 63   | 73.64                 | 71°42'01"NW | 63          | 421,964.903400  | 2,381,438.066000 |
| 63 - 64   | 72.34                 | 73°18'28"NW | 64          | 421,895.610600  | 2,381,458.844500 |
| 64 - 65   | 45.03                 | 74°14'34"NW | 65          | 421,852.272500  | 2,381,471.073000 |
| 65 - 66   | 48.06                 | 70°20'08"NW | 66          | 421,807.017500  | 2,381,487.244800 |
| 66 - 67   | 42.67                 | 89°20'05"NW | 67          | 421,764.353700  | 2,381,487.740100 |
| 67 - 68   | 65.20                 | 70°42'23"NW | 68          | 421,702.815400  | 2,381,509.282600 |
| 68 - 69   | 66.42                 | 70°07'20"NW | 69          | 421,640.351400  | 2,381,531.866700 |
| 69 - 70   | 64.23                 | 73°05'16"NW | 70          | 421,578.898600  | 2,381,550.551600 |
| 70 - 71   | 95.58                 | 72°20'31"NW | 71          | 421,487.824100  | 2,381,579.543400 |
| 71 - 72   | 77.30                 | 71°47'59"NW | 72          | 421,414.395600  | 2,381,603.685500 |
| 72 - 73   | 65.69                 | 62°59'12"NW | 73          | 421,355.876700  | 2,381,633.519400 |
| 73 - 74   | 70.86                 | 72°53'37"NW | 74          | 421,288.153100  | 2,381,654.362100 |
| 74 - 75   | 107.60                | 75°13'30"NW | 75          | 421,184.112700  | 2,381,681.802000 |
| 75 - 76   | 78.52                 | 69°39'27"NW | 76          | 421,110.487900  | 2,381,709.098400 |
| 76 - 77   | 75.32                 | 79°04'15"NW | 77          | 421,036.533100  | 2,381,723.378600 |
| 77 - 78   | 68.74                 | 71°35'45"NW | 78          | 420,971.311900  | 2,381,745.079900 |
| 78 - 79   | 98.52                 | 75°12'58"NW | 79          | 420,876.052800  | 2,381,770.219300 |
| 79 - 80   | 82.16                 | 68°53'41"NW | 80          | 420,799.407500  | 2,381,799.802200 |
| 80 - 81   | 49.21                 | 70°50'40"NW | 81          | 420,752.918500  | 2,381,815.950900 |
| 81 - 82   | 35.18                 | 81°37'27"NW | 82          | 420,718.112900  | 2,381,821.075400 |
| 82 - 83   | 31.78                 | 73°40'03"NW | 83          | 420,687.617100  | 2,381,830.011700 |
| 83 - 84   | 48.03                 | 69°07'44"NW | 84          | 420,642.737100  | 2,381,847.123700 |
| 84 - 85   | 50.36                 | 71°49'40"NW | 85          | 420,594.890800  | 2,381,862.828900 |
| 85 - 86   | 47.59                 | 68°37'05"NW | 86          | 420,550.579300  | 2,381,880.178100 |
| 86 - 87   | 74.33                 | 74°16'04"NW | 87          | 420,479.032800  | 2,381,900.332100 |
| 87 - 88   | 29.58                 | 71°58'34"NW | 88          | 420,450.900400  | 2,381,909.485700 |
| 88 - 89   | 31.13                 | 77°56'24"NW | 89          | 420,420.453900  | 2,381,915.990600 |
| 89 - 90   | 57.43                 | 71°33'36"NW | 90          | 420,365.974200  | 2,381,934.155700 |
| 90 - 91   | 48.54                 | 71°16'47"NW | 91          | 420,319.999000  | 2,381,949.735500 |
| 91 - 92   | 60.97                 | 73°11'35"NW | 92          | 420,261.633900  | 2,381,967.364500 |
| 92 - 93   | 52.37                 | 70°58'00"NW | 93          | 420,212.129200  | 2,381,984.442500 |
| 93 - 94   | 57.20                 | 70°47'42"NW | 94          | 420,158.113000  | 2,382,003.258200 |
| 94 - 95   | 61.43                 | 71°00'50"NW | 95          | 420,100.028800  | 2,382,023.242400 |
| 95 - 96   | 37.65                 | 73°40'14"NW | 96          | 420,063.893900  | 2,382,033.829000 |
| 96 - 97   | 23.49                 | 75°37'46"NW | 97          | 420,041.135000  | 2,382,039.660000 |
| 97 - 98   | 31.60                 | 67°31'51"NW | 98          | 420,011.929400  | 2,382,051.738900 |
| 98 - 99   | 63.66                 | 75°16'08"NW | 99          | 419,950.364100  | 2,382,067.925800 |
| 99 - 100  | 37.22                 | 73°37'07"NW | 100         | 419,914.659600  | 2,382,078.421600 |
| 100 - 101 | 44.55                 | 71°14'31"NW | 101         | 419,872.474100  | 2,382,092.748100 |
| 101 - 102 | 49.49                 | 71°36'01"NW | 102         | 419,825.517000  | 2,382,108.368200 |

| Est-PV    | Distancia<br>(metros) | Rumbo      | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|------------|-------------|-----------------|------------------|
|           |                       |            |             | X               | Y                |
| 102 - 103 | 39.89                 | 77°42'10"N | 103         | 419,786.538100  | 2,382,116.864800 |
| 103 - 104 | 23.24                 | 66°17'36"N | 104         | 419,765.259900  | 2,382,126.208200 |
| 104 - 105 | 33.07                 | 73°00'20"N | 105         | 419,733.629900  | 2,382,135.875000 |
| 105 - 106 | 61.66                 | 72°56'22"N | 106         | 419,674.678900  | 2,382,153.966000 |
| 106 - 107 | 44.18                 | 68°28'15"N | 107         | 419,633.579100  | 2,382,170.179700 |
| 107 - 108 | 28.90                 | 72°50'15"N | 108         | 419,605.962200  | 2,382,178.708700 |
| 108 - 109 | 50.64                 | 72°51'24"N | 109         | 419,557.567500  | 2,382,193.636800 |
| 109 - 110 | 37.34                 | 68°37'30"N | 110         | 419,522.796700  | 2,382,207.245800 |
| 110 - 111 | 50.85                 | 72°51'46"N | 111         | 419,474.201700  | 2,382,222.230000 |
| 111 - 112 | 72.15                 | 72°12'48"N | 112         | 419,405.500800  | 2,382,244.269600 |
| 112 - 113 | 64.16                 | 70°03'33"N | 113         | 419,345.187600  | 2,382,266.151000 |
| 113 - 114 | 81.91                 | 71°36'02"N | 114         | 419,267.469300  | 2,382,292.003500 |
| 114 - 115 | 82.25                 | 73°38'22"N | 115         | 419,188.549500  | 2,382,315.171700 |
| 115 - 116 | 55.94                 | 72°12'10"N | 116         | 419,135.283000  | 2,382,332.270800 |
| 116 - 117 | 77.67                 | 70°27'05"N | 117         | 419,062.087600  | 2,382,358.260500 |
| 117 - 118 | 39.01                 | 71°55'38"N | 118         | 419,025.006200  | 2,382,370.360900 |
| 118 - 119 | 56.57                 | 70°34'49"N | 119         | 418,971.649900  | 2,382,389.171000 |
| 119 - 120 | 66.71                 | 72°15'56"N | 120         | 418,908.114300  | 2,382,409.489600 |
| 120 - 121 | 85.75                 | 75°22'26"N | 121         | 418,825.147100  | 2,382,431.141200 |
| 121 - 122 | 63.55                 | 70°41'31"N | 122         | 418,765.174800  | 2,382,452.152500 |
| 122 - 123 | 60.80                 | 69°28'17"N | 123         | 418,708.235200  | 2,382,473.473500 |
| 123 - 124 | 49.35                 | 80°44'31"N | 124         | 418,659.524500  | 2,382,481.413500 |
| 124 - 125 | 43.40                 | 66°04'52"N | 125         | 418,619.850800  | 2,382,499.009900 |
| 125 - 126 | 31.46                 | 75°22'50"N | 126         | 418,589.408200  | 2,382,506.950500 |
| 126 - 127 | 40.56                 | 69°04'01"N | 127         | 418,551.522800  | 2,382,521.442400 |
| 127 - 128 | 77.11                 | 68°16'27"N | 128         | 418,479.886200  | 2,382,549.987300 |
| 128 - 129 | 81.09                 | 71°57'07"N | 129         | 418,402.781700  | 2,382,575.111400 |
| 129 - 130 | 69.80                 | 75°41'56"N | 130         | 418,335.148900  | 2,382,592.352100 |
| 130 - 131 | 57.81                 | 69°57'56"N | 131         | 418,280.834000  | 2,382,612.157900 |
| 131 - 132 | 47.57                 | 71°33'10"N | 132         | 418,235.710800  | 2,382,627.209600 |
| 132 - 133 | 84.55                 | 71°20'43"N | 133         | 418,155.600200  | 2,382,654.254700 |
| 133 - 134 | 51.38                 | 70°58'26"N | 134         | 418,107.030700  | 2,382,671.003100 |
| 134 - 135 | 77.81                 | 73°03'53"N | 135         | 418,032.595300  | 2,382,693.668000 |
| 135 - 136 | 38.39                 | 65°36'28"N | 136         | 417,997.636100  | 2,382,709.520400 |
| 136 - 137 | 36.70                 | 72°02'35"N | 137         | 417,962.724400  | 2,382,720.834800 |
| 137 - 138 | 26.55                 | 69°11'43"N | 138         | 417,937.905100  | 2,382,730.265100 |
| 138 - 139 | 70.61                 | 72°14'25"N | 139         | 417,870.656800  | 2,382,751.804000 |
| 139 - 140 | 54.77                 | 71°57'09"N | 140         | 417,818.577600  | 2,382,768.773300 |
| 140 - 141 | 70.53                 | 73°30'29"N | 141         | 417,750.945900  | 2,382,788.796200 |
| 141 - 142 | 88.87                 | 73°30'29"N | 142         | 417,665.729000  | 2,382,814.025500 |
| 142 - 143 | 139.96                | 73°30'29"N | 143         | 417,531.528600  | 2,382,853.756800 |
| 143 - 144 | 119.92                | 73°30'29"N | 144         | 417,416.540800  | 2,382,887.800000 |
| 144 - 145 | 117.48                | 73°30'29"N | 145         | 417,303.894700  | 2,382,921.149900 |
| 145 - 146 | 53.22                 | 66°24'43"N | 146         | 417,255.118700  | 2,382,942.447400 |
| 146 - 147 | 135.84                | 66°24'43"N | 147         | 417,130.632200  | 2,382,996.802900 |
| 147 - 148 | 59.02                 | 67°43'09"N | 148         | 417,076.016900  | 2,383,019.180900 |
| 148 - 149 | 74.95                 | 71°27'13"N | 149         | 417,004.962500  | 2,383,043.019200 |
| 149 - 150 | 84.97                 | 71°29'42"N | 150         | 416,924.389900  | 2,383,069.986100 |
| 150 - 151 | 50.70                 | 70°02'52"N | 151         | 416,876.736300  | 2,383,087.285500 |
| 151 - 152 | 37.96                 | 70°15'35"N | 152         | 416,841.009500  | 2,383,100.105800 |
| 152 - 153 | 52.89                 | 69°34'10"N | 153         | 416,791.443700  | 2,383,118.569100 |
| 153 - 154 | 42.57                 | 71°29'23"N | 154         | 416,751.078000  | 2,383,132.083200 |
| 154 - 155 | 18.48                 | 68°17'16"N | 155         | 416,733.911700  | 2,383,138.918700 |
| 155 - 156 | 46.37                 | 69°48'53"N | 156         | 416,690.392100  | 2,383,154.918000 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 156 - 157 | 42.35                 | 73°00'16"NW | 157         | 416,649.893200  | 2,383,167.296200 |
| 157 - 158 | 38.49                 | 69°40'45"NW | 158         | 416,613.797700  | 2,383,180.663200 |
| 158 - 159 | 60.10                 | 68°41'11"NW | 159         | 416,557.808500  | 2,383,202.507600 |
| 159 - 160 | 47.47                 | 79°02'18"NW | 160         | 416,511.201100  | 2,383,211.534800 |
| 160 - 161 | 66.99                 | 70°48'31"NW | 161         | 416,447.930300  | 2,383,233.557100 |
| 161 - 162 | 68.34                 | 68°46'56"NW | 162         | 416,384.219100  | 2,383,258.291600 |
| 162 - 163 | 61.46                 | 76°48'18"NW | 163         | 416,324.378200  | 2,383,272.321500 |
| 163 - 164 | 86.33                 | 72°34'47"NW | 164         | 416,242.008000  | 2,383,298.166500 |
| 164 - 165 | 57.48                 | 66°22'00"NW | 165         | 416,189.350700  | 2,383,321.208400 |
| 165 - 166 | 70.97                 | 71°39'47"NW | 166         | 416,121.985400  | 2,383,343.535300 |
| 166 - 167 | 59.32                 | 69°18'11"NW | 167         | 416,066.497200  | 2,383,364.498900 |
| 167 - 168 | 58.37                 | 67°40'27"NW | 168         | 416,012.504500  | 2,383,386.671200 |
| 168 - 169 | 53.46                 | 71°07'18"NW | 169         | 415,961.920900  | 2,383,403.968200 |
| 169 - 170 | 60.22                 | 66°08'40"NW | 170         | 415,906.841600  | 2,383,428.324800 |
| 170 - 171 | 25.56                 | 69°19'08"NW | 171         | 415,882.933000  | 2,383,437.350100 |
| 171 - 172 | 48.08                 | 75°35'12"NW | 172         | 415,836.364100  | 2,383,449.318300 |
| 172 - 173 | 72.00                 | 58°52'03"NW | 173         | 415,774.735500  | 2,383,486.542400 |
| 173 - 174 | 96.01                 | 71°59'56"NW | 174         | 415,683.424000  | 2,383,516.213100 |
| 174 - 175 | 47.21                 | 70°28'03"NW | 175         | 415,638.930700  | 2,383,531.997400 |
| 175 - 176 | 83.21                 | 66°10'08"NW | 176         | 415,562.818100  | 2,383,565.616400 |
| 176 - 177 | 42.05                 | 69°45'21"NW | 177         | 415,523.363200  | 2,383,580.167400 |
| 177 - 178 | 125.30                | 71°40'50"NW | 178         | 415,404.411800  | 2,383,619.551400 |
| 178 - 179 | 36.05                 | 62°42'48"NW | 179         | 415,372.375600  | 2,383,636.077000 |
| 179 - 180 | 79.62                 | 70°38'46"NW | 180         | 415,297.253500  | 2,383,662.463400 |
| 180 - 181 | 27.40                 | 56°02'06"NW | 181         | 415,274.530600  | 2,383,677.770000 |
| 181 - 182 | 44.88                 | 61°05'59"NW | 182         | 415,235.240600  | 2,383,699.459400 |
| 182 - 183 | 69.80                 | 70°09'25"NW | 183         | 415,169.581600  | 2,383,723.153800 |
| 183 - 184 | 79.74                 | 74°15'56"NW | 184         | 415,092.826400  | 2,383,744.778500 |
| 184 - 185 | 51.18                 | 79°24'23"NW | 185         | 415,042.521400  | 2,383,754.187000 |
| 185 - 186 | 44.71                 | 60°19'52"NW | 186         | 415,003.673100  | 2,383,776.317600 |
| 186 - 187 | 52.98                 | 68°36'21"NW | 187         | 414,954.339500  | 2,383,795.645200 |
| 187 - 188 | 86.48                 | 58°06'56"NW | 188         | 414,880.904300  | 2,383,841.326600 |
| 188 - 189 | 70.22                 | 68°07'43"NW | 189         | 414,815.736500  | 2,383,867.486000 |
| 189 - 190 | 63.24                 | 66°36'36"NW | 190         | 414,757.693700  | 2,383,892.591100 |
| 190 - 191 | 53.33                 | 66°02'31"NW | 191         | 414,708.958200  | 2,383,914.246700 |
| 191 - 192 | 55.31                 | 65°16'51"NW | 192         | 414,658.713800  | 2,383,937.376800 |
| 192 - 193 | 66.18                 | 66°20'55"NW | 193         | 414,598.091300  | 2,383,963.926700 |
| 193 - 194 | 73.53                 | 66°25'41"NW | 194         | 414,530.698900  | 2,383,993.330400 |
| 194 - 195 | 61.64                 | 67°12'34"NW | 195         | 414,473.870900  | 2,384,017.207600 |
| 195 - 196 | 55.07                 | 66°48'14"NW | 196         | 414,423.253100  | 2,384,038.898200 |
| 196 - 197 | 52.92                 | 66°56'58"NW | 197         | 414,374.556600  | 2,384,059.619200 |
| 197 - 198 | 47.22                 | 66°23'51"NW | 198         | 414,331.290000  | 2,384,078.524100 |
| 198 - 199 | 63.21                 | 65°25'38"NW | 199         | 414,273.802100  | 2,384,104.810800 |
| 199 - 200 | 61.71                 | 74°21'50"NW | 200         | 414,214.380200  | 2,384,121.442000 |
| 200 - 201 | 64.82                 | 82°43'41"NW | 201         | 414,150.081500  | 2,384,129.646600 |
| 201 - 202 | 71.52                 | 72°29'25"NW | 202         | 414,081.872600  | 2,384,151.165300 |
| 202 - 203 | 51.28                 | 72°06'14"NW | 203         | 414,033.077500  | 2,384,166.921900 |
| 203 - 204 | 23.15                 | 69°38'26"NW | 204         | 414,011.373900  | 2,384,174.975900 |
| 204 - 205 | 47.70                 | 67°05'19"NW | 205         | 413,967.435400  | 2,384,193.546300 |
| 205 - 206 | 28.14                 | 68°56'22"NW | 206         | 413,941.171300  | 2,384,203.660000 |
| 206 - 207 | 31.16                 | 65°48'41"NW | 207         | 413,912.749800  | 2,384,216.426300 |
| 207 - 208 | 51.80                 | 69°18'52"NW | 208         | 413,864.288800  | 2,384,234.724200 |
| 208 - 209 | 47.14                 | 63°23'29"NW | 209         | 413,822.145900  | 2,384,255.835500 |
| 209 - 210 | 55.89                 | 62°55'28"NW | 210         | 413,772.383900  | 2,384,281.273100 |



| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 210 - 211 | 65.08                 | 67°28'54"NW | 211         | 413,712.263900  | 2,384,306.198100 |
| 211 - 212 | 47.24                 | 72°39'13"NW | 212         | 413,667.174000  | 2,384,320.282000 |
| 212 - 213 | 75.18                 | 66°40'02"NW | 213         | 413,598.143500  | 2,384,350.057900 |
| 213 - 214 | 33.96                 | 79°58'43"NW | 214         | 413,564.699600  | 2,384,355.967800 |
| 214 - 215 | 80.90                 | 87°41'29"NW | 215         | 413,483.869500  | 2,384,359.226400 |
| 215 - 216 | 89.68                 | 73°40'46"NW | 216         | 413,397.804900  | 2,384,384.426900 |
| 216 - 217 | 80.40                 | 69°08'53"NW | 217         | 413,322.674300  | 2,384,413.044200 |
| 217 - 218 | 92.40                 | 65°47'27"NW | 218         | 413,238.399400  | 2,384,450.934800 |
| 218 - 219 | 93.08                 | 55°36'40"NW | 219         | 413,161.584900  | 2,384,503.508800 |
| 219 - 220 | 78.01                 | 48°40'43"NW | 220         | 413,103.000500  | 2,384,555.014800 |
| 220 - 221 | 59.97                 | 53°38'13"NW | 221         | 413,054.709900  | 2,384,590.569500 |
| 221 - 222 | 17.41                 | 54°42'58"NW | 222         | 413,040.497300  | 2,384,600.626500 |
| 222 - 223 | 22.41                 | 57°14'12"NW | 223         | 413,021.650000  | 2,384,612.755600 |
| 223 - 224 | 18.95                 | 61°09'07"NW | 224         | 413,005.055200  | 2,384,621.896800 |
| 224 - 225 | 41.19                 | 57°30'46"NW | 225         | 412,970.312600  | 2,384,644.019300 |
| 225 - 226 | 19.15                 | 62°15'09"NW | 226         | 412,953.366900  | 2,384,652.933900 |
| 226 - 227 | 44.39                 | 71°50'50"NW | 227         | 412,911.187800  | 2,384,666.763100 |
| 227 - 228 | 62.75                 | 68°13'55"NW | 228         | 412,852.912100  | 2,384,690.034000 |
| 228 - 229 | 50.94                 | 59°41'49"NW | 229         | 412,808.928700  | 2,384,715.738800 |
| 229 - 230 | 57.62                 | 63°16'02"NW | 230         | 412,757.469400  | 2,384,741.656900 |
| 230 - 231 | 60.54                 | 74°18'23"NW | 231         | 412,699.187400  | 2,384,758.032000 |
| 231 - 232 | 64.00                 | 73°32'20"NW | 232         | 412,637.806200  | 2,384,776.168600 |
| 232 - 233 | 68.38                 | 73°02'33"NW | 233         | 412,572.401600  | 2,384,796.111600 |
| 233 - 234 | 85.49                 | 70°46'27"NW | 234         | 412,491.677400  | 2,384,824.263300 |
| 234 - 235 | 82.00                 | 68°12'59"NW | 235         | 412,415.534600  | 2,384,854.692900 |
| 235 - 236 | 39.80                 | 70°14'47"NW | 236         | 412,378.077300  | 2,384,868.144100 |
| 236 - 237 | 50.46                 | 66°27'58"NW | 237         | 412,331.811400  | 2,384,888.293500 |
| 237 - 238 | 47.67                 | 67°45'04"NW | 238         | 412,287.692500  | 2,384,906.342000 |
| 238 - 239 | 63.34                 | 65°28'44"NW | 239         | 412,230.062300  | 2,384,932.631200 |
| 239 - 240 | 86.88                 | 64°36'09"NW | 240         | 412,151.582600  | 2,384,969.891500 |
| 240 - 241 | 57.08                 | 61°31'55"NW | 241         | 412,101.403500  | 2,384,997.100200 |
| 241 - 242 | 48.39                 | 66°44'48"NW | 242         | 412,056.945800  | 2,385,016.203600 |
| 242 - 243 | 47.66                 | 64°42'01"NW | 243         | 412,013.857900  | 2,385,036.570700 |
| 243 - 244 | 55.81                 | 63°05'51"NW | 244         | 411,964.085800  | 2,385,061.824100 |
| 244 - 245 | 52.45                 | 66°28'45"NW | 245         | 411,915.991600  | 2,385,082.756600 |
| 245 - 246 | 58.75                 | 66°03'47"NW | 246         | 411,862.296400  | 2,385,106.592200 |
| 246 - 247 | 62.13                 | 62°33'53"NW | 247         | 411,807.154000  | 2,385,135.218100 |
| 247 - 248 | 29.42                 | 65°48'51"NW | 248         | 411,780.312700  | 2,385,147.273000 |
| 248 - 249 | 49.38                 | 64°47'24"NW | 249         | 411,735.633400  | 2,385,168.306800 |
| 249 - 250 | 33.70                 | 64°41'04"NW | 250         | 411,705.171800  | 2,385,182.716000 |
| 250 - 251 | 51.76                 | 67°11'28"NW | 251         | 411,657.459000  | 2,385,202.781300 |
| 251 - 252 | 54.86                 | 65°02'44"NW | 252         | 411,607.718400  | 2,385,225.927400 |
| 252 - 253 | 46.31                 | 63°28'53"NW | 253         | 411,566.276500  | 2,385,246.606300 |
| 253 - 254 | 73.56                 | 64°05'46"NW | 254         | 411,500.104800  | 2,385,278.743100 |
| 254 - 255 | 53.56                 | 61°48'17"NW | 255         | 411,452.904000  | 2,385,304.046900 |
| 255 - 256 | 76.12                 | 64°04'48"NW | 256         | 411,384.440000  | 2,385,337.320400 |
| 256 - 257 | 56.89                 | 63°30'54"NW | 257         | 411,333.519400  | 2,385,362.691700 |
| 257 - 258 | 75.80                 | 64°10'14"NW | 258         | 411,265.290400  | 2,385,395.717800 |
| 258 - 259 | 59.32                 | 64°19'15"NW | 259         | 411,211.832500  | 2,385,421.421300 |
| 259 - 260 | 83.81                 | 64°32'31"NW | 260         | 411,136.157000  | 2,385,457.448600 |
| 260 - 261 | 46.98                 | 66°37'10"NW | 261         | 411,093.038800  | 2,385,476.090100 |
| 261 - 262 | 64.84                 | 64°57'40"NW | 262         | 411,034.293400  | 2,385,503.531800 |
| 262 - 263 | 73.04                 | 65°48'14"NW | 263         | 410,967.667000  | 2,385,533.469100 |
| 263 - 264 | 31.52                 | 64°08'49"NW | 264         | 410,939.301600  | 2,385,547.213800 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
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|           |                       |             |             | X               | Y                |
| 264 - 265 | 61.11                 | 66°29'47"NW | 265         | 410,883.260200  | 2,385,571.585300 |
| 265 - 266 | 43.10                 | 65°19'57"NW | 266         | 410,844.090300  | 2,385,589.574400 |
| 266 - 267 | 82.80                 | 68°32'20"NW | 267         | 410,767.029300  | 2,385,619.869000 |
| 267 - 268 | 74.63                 | 68°23'43"NW | 268         | 410,697.644600  | 2,385,647.346700 |
| 268 - 269 | 49.19                 | 69°40'17"NW | 269         | 410,651.521200  | 2,385,664.434400 |
| 269 - 270 | 39.53                 | 65°03'04"NW | 270         | 410,615.677600  | 2,385,681.109600 |
| 270 - 271 | 51.08                 | 63°24'13"NW | 271         | 410,570.004400  | 2,385,703.977400 |
| 271 - 272 | 56.66                 | 62°52'08"NW | 272         | 410,519.577100  | 2,385,729.816700 |
| 272 - 273 | 54.32                 | 57°44'11"NW | 273         | 410,473.645100  | 2,385,758.812700 |
| 273 - 274 | 79.01                 | 56°53'30"NW | 274         | 410,407.465500  | 2,385,801.968100 |
| 274 - 275 | 54.06                 | 63°49'20"NW | 275         | 410,358.947700  | 2,385,825.818200 |
| 275 - 276 | 48.77                 | 61°00'42"NW | 276         | 410,316.287600  | 2,385,849.453700 |
| 276 - 277 | 61.86                 | 62°15'10"NW | 277         | 410,261.539900  | 2,385,878.254400 |
| 277 - 278 | 67.14                 | 63°51'17"NW | 278         | 410,201.269400  | 2,385,907.839600 |
| 278 - 279 | 64.84                 | 61°54'37"NW | 279         | 410,144.067400  | 2,385,938.369200 |
| 279 - 280 | 61.71                 | 64°46'49"NW | 280         | 410,088.239100  | 2,385,964.663300 |
| 280 - 281 | 48.19                 | 64°21'01"NW | 281         | 410,044.799200  | 2,385,985.522500 |
| 281 - 282 | 70.41                 | 66°18'21"NW | 282         | 409,980.325200  | 2,386,013.816700 |
| 282 - 283 | 62.21                 | 79°59'45"NW | 283         | 409,919.066000  | 2,386,024.622900 |
| 283 - 284 | 47.03                 | 70°18'20"NW | 284         | 409,874.790200  | 2,386,040.470900 |
| 284 - 285 | 136.99                | 62°57'25"NW | 285         | 409,752.779300  | 2,386,102.753900 |
| 285 - 286 | 97.55                 | 63°32'27"NW | 286         | 409,665.447100  | 2,386,146.218100 |
| 286 - 287 | 34.29                 | 64°35'39"NW | 287         | 409,634.469100  | 2,386,160.931300 |
| 287 - 288 | 52.83                 | 63°37'12"NW | 288         | 409,587.143200  | 2,386,184.403400 |
| 288 - 289 | 42.20                 | 64°54'08"NW | 289         | 409,548.927300  | 2,386,202.303100 |
| 289 - 290 | 79.35                 | 63°45'49"NW | 290         | 409,477.753400  | 2,386,237.380800 |
| 290 - 291 | 91.04                 | 64°17'38"NW | 291         | 409,395.726200  | 2,386,276.868400 |
| 291 - 292 | 73.00                 | 64°48'21"NW | 292         | 409,329.667400  | 2,386,307.944800 |
| 292 - 293 | 94.85                 | 62°46'02"NW | 293         | 409,245.327000  | 2,386,351.350500 |
| 293 - 294 | 121.95                | 64°09'46"NW | 294         | 409,135.570200  | 2,386,404.496700 |
| 294 - 295 | 124.69                | 65°01'26"NW | 295         | 409,022.537300  | 2,386,457.146900 |
| 295 - 296 | 44.77                 | 69°45'42"NW | 296         | 408,980.535000  | 2,386,472.632500 |
| 296 - 297 | 83.03                 | 75°19'50"NW | 297         | 408,900.210300  | 2,386,493.659400 |
| 297 - 298 | 69.94                 | 73°09'16"NW | 298         | 408,833.269400  | 2,386,513.927900 |
| 298 - 299 | 57.15                 | 67°38'54"NW | 299         | 408,780.415600  | 2,386,535.660400 |
| 299 - 300 | 112.02                | 57°46'41"NW | 300         | 408,685.649500  | 2,386,595.388100 |
| 300 - 301 | 65.92                 | 54°13'06"NW | 301         | 408,632.175700  | 2,386,633.928600 |
| 301 - 302 | 37.81                 | 52°39'48"NW | 302         | 408,602.113300  | 2,386,656.860400 |
| 302 - 303 | 36.75                 | 57°01'20"NW | 303         | 408,571.280400  | 2,386,676.866400 |
| 303 - 304 | 38.24                 | 57°29'49"NW | 304         | 408,539.029800  | 2,386,697.414700 |
| 304 - 305 | 40.25                 | 64°30'44"NW | 305         | 408,502.696500  | 2,386,714.735200 |
| 305 - 306 | 35.85                 | 44°17'13"NW | 306         | 408,477.664400  | 2,386,740.398000 |
| 306 - 307 | 12.83                 | 01°40'20"NE | 307         | 408,478.038800  | 2,386,753.220700 |
| 307 - 308 | 51.16                 | 63°02'20"NW | 308         | 408,432.437300  | 2,386,776.416700 |
| 308 - 309 | 48.77                 | 61°24'47"NW | 309         | 408,389.609100  | 2,386,799.754600 |
| 309 - 310 | 48.89                 | 60°54'31"NW | 310         | 408,346.887000  | 2,386,823.524900 |
| 310 - 311 | 45.19                 | 60°24'29"NW | 311         | 408,307.591200  | 2,386,845.840500 |
| 311 - 312 | 46.04                 | 61°37'04"NW | 312         | 408,267.087900  | 2,386,867.724100 |
| 312 - 313 | 43.41                 | 61°33'11"NW | 313         | 408,228.915500  | 2,386,888.404200 |
| 313 - 314 | 44.21                 | 67°26'05"NW | 314         | 408,188.089100  | 2,386,905.369400 |
| 314 - 315 | 31.48                 | 68°51'07"NW | 315         | 408,158.731800  | 2,386,916.725700 |
| 315 - 316 | 24.63                 | 71°08'38"NW | 316         | 408,135.426900  | 2,386,924.684800 |
| 316 - 317 | 28.64                 | 75°08'14"NW | 317         | 408,107.746500  | 2,386,932.030700 |
| 317 - 318 | 38.76                 | 66°44'54"NW | 318         | 408,072.134400  | 2,386,947.331900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 318 - 319 | 54.50                 | 66°39'14"NW | 319         | 408,022.100800  | 2,386,968.927500 |
| 319 - 320 | 42.88                 | 68°12'48"NW | 320         | 407,982.285300  | 2,386,984.841700 |
| 320 - 321 | 54.87                 | 67°11'29"NW | 321         | 407,931.703300  | 2,387,006.113100 |
| 321 - 322 | 29.15                 | 63°30'32"NW | 322         | 407,905.616100  | 2,387,019.114600 |
| 322 - 323 | 34.32                 | 68°10'18"NW | 323         | 407,873.759300  | 2,387,031.874600 |
| 323 - 324 | 50.69                 | 67°36'00"NW | 324         | 407,826.895200  | 2,387,051.190400 |
| 324 - 325 | 40.80                 | 66°26'01"NW | 325         | 407,789.495900  | 2,387,067.503500 |
| 325 - 326 | 36.10                 | 69°40'42"NW | 326         | 407,755.646400  | 2,387,080.039200 |
| 326 - 327 | 39.40                 | 68°36'57"NW | 327         | 407,718.956200  | 2,387,094.406200 |
| 327 - 328 | 45.34                 | 66°34'11"NW | 328         | 407,677.353400  | 2,387,112.435300 |
| 328 - 329 | 64.55                 | 61°18'35"NW | 329         | 407,620.731400  | 2,387,143.422300 |
| 329 - 330 | 52.90                 | 60°37'34"NW | 330         | 407,574.631000  | 2,387,169.370800 |
| 330 - 331 | 43.25                 | 57°15'34"NW | 331         | 407,538.249600  | 2,387,192.763400 |
| 331 - 332 | 33.00                 | 60°54'39"NW | 332         | 407,509.411700  | 2,387,208.807100 |
| 332 - 333 | 46.71                 | 68°05'57"NW | 333         | 407,466.075600  | 2,387,226.228600 |
| 333 - 334 | 60.32                 | 68°31'02"NW | 334         | 407,409.948100  | 2,387,248.318100 |
| 334 - 335 | 57.72                 | 65°36'04"NW | 335         | 407,357.385100  | 2,387,272.160500 |
| 335 - 336 | 65.95                 | 75°38'09"NW | 336         | 407,293.492700  | 2,387,288.522400 |
| 336 - 337 | 87.23                 | 76°14'27"NW | 337         | 407,208.767800  | 2,387,309.268800 |
| 337 - 338 | 49.92                 | 69°49'09"NW | 338         | 407,161.910300  | 2,387,326.491100 |
| 338 - 339 | 54.85                 | 87°14'42"NW | 339         | 407,107.123300  | 2,387,329.127300 |
| 339 - 340 | 78.03                 | 87°21'10"NW | 340         | 407,029.178500  | 2,387,332.731000 |
| 340 - 341 | 139.94                | 81°23'36"NW | 341         | 406,890.818500  | 2,387,353.672200 |
| 341 - 342 | 48.67                 | 58°21'11"NW | 342         | 406,849.388300  | 2,387,379.207000 |
| 342 - 343 | 44.45                 | 47°53'15"NW | 343         | 406,816.415100  | 2,387,409.013600 |
| 343 - 344 | 97.97                 | 65°25'43"NW | 344         | 406,727.316900  | 2,387,449.751700 |
| 344 - 345 | 98.22                 | 68°38'07"NW | 345         | 406,635.846300  | 2,387,485.533300 |
| 345 - 346 | 43.35                 | 66°46'27"NW | 346         | 406,596.011500  | 2,387,502.627700 |
| 346 - 347 | 55.57                 | 66°01'28"NW | 347         | 406,545.235200  | 2,387,525.208600 |
| 347 - 348 | 55.48                 | 61°41'05"NW | 348         | 406,496.394400  | 2,387,551.523400 |
| 348 - 349 | 64.64                 | 54°46'53"NW | 349         | 406,443.587700  | 2,387,588.800000 |
| 349 - 350 | 62.56                 | 57°20'53"NW | 350         | 406,390.913900  | 2,387,622.553400 |
| 350 - 351 | 34.71                 | 71°18'57"NW | 351         | 406,358.032700  | 2,387,633.672900 |
| 351 - 352 | 70.59                 | 72°16'01"NW | 352         | 406,290.795000  | 2,387,655.173800 |
| 352 - 353 | 56.26                 | 70°43'10"NW | 353         | 406,237.693300  | 2,387,673.749400 |
| 353 - 354 | 46.56                 | 65°19'10"NW | 354         | 406,195.384300  | 2,387,693.191800 |
| 354 - 355 | 47.47                 | 74°56'03"NW | 355         | 406,149.543500  | 2,387,705.531200 |
| 355 - 356 | 82.24                 | 70°55'57"NW | 356         | 406,071.815000  | 2,387,732.397700 |
| 356 - 357 | 78.76                 | 71°50'54"NW | 357         | 405,996.976600  | 2,387,756.933000 |
| 357 - 358 | 58.37                 | 75°11'59"NW | 358         | 405,940.544800  | 2,387,771.843000 |
| 358 - 359 | 59.49                 | 77°26'02"NW | 359         | 405,882.481000  | 2,387,784.785600 |
| 359 - 360 | 78.80                 | 71°43'17"NW | 360         | 405,807.657900  | 2,387,809.499800 |
| 360 - 361 | 36.65                 | 69°43'41"NW | 361         | 405,773.276500  | 2,387,822.198600 |
| 361 - 362 | 50.20                 | 76°30'39"NW | 362         | 405,724.462700  | 2,387,833.907900 |
| 362 - 363 | 50.82                 | 74°31'14"NW | 363         | 405,675.482100  | 2,387,847.472500 |
| 363 - 364 | 48.68                 | 76°25'24"NW | 364         | 405,628.165100  | 2,387,858.899200 |
| 364 - 365 | 46.43                 | 70°00'37"NW | 365         | 405,584.527700  | 2,387,874.773000 |
| 365 - 366 | 76.18                 | 65°50'19"NW | 366         | 405,515.023300  | 2,387,905.953000 |
| 366 - 367 | 91.83                 | 62°14'39"NW | 367         | 405,433.759200  | 2,387,948.718500 |
| 367 - 368 | 71.75                 | 73°19'50"NW | 368         | 405,365.020900  | 2,387,969.300900 |
| 368 - 369 | 68.66                 | 70°21'47"NW | 369         | 405,300.355500  | 2,387,992.374000 |
| 369 - 370 | 40.51                 | 69°03'07"NW | 370         | 405,262.525400  | 2,388,006.856100 |
| 370 - 371 | 73.06                 | 72°32'13"NW | 371         | 405,192.829300  | 2,388,028.781600 |
| 371 - 372 | 129.07                | 78°54'10"NW | 372         | 405,066.172600  | 2,388,053.623800 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 372 - 373 | 67.62                 | 73°43'37"NW | 373         | 405,001.259700  | 2,388,072.572400 |
| 373 - 374 | 54.70                 | 72°45'11"NW | 374         | 404,949.021800  | 2,388,088.789400 |
| 374 - 375 | 39.86                 | 75°07'33"NW | 375         | 404,910.500000  | 2,388,099.020500 |
| 375 - 376 | 23.95                 | 72°27'33"NW | 376         | 404,887.667300  | 2,388,106.237400 |
| 376 - 377 | 42.67                 | 74°24'01"NW | 377         | 404,846.568600  | 2,388,117.712100 |
| 377 - 378 | 52.06                 | 65°07'17"NW | 378         | 404,799.340000  | 2,388,139.613400 |
| 378 - 379 | 32.51                 | 60°55'20"NW | 379         | 404,770.926800  | 2,388,155.413400 |
| 379 - 380 | 34.88                 | 54°32'07"NW | 380         | 404,742.515900  | 2,388,175.652200 |
| 380 - 381 | 53.75                 | 59°22'16"NW | 381         | 404,696.266100  | 2,388,203.035600 |
| 381 - 382 | 46.02                 | 57°17'12"NW | 382         | 404,657.542800  | 2,388,227.908200 |
| 382 - 383 | 26.27                 | 56°16'39"NW | 383         | 404,635.695100  | 2,388,242.491100 |
| 383 - 384 | 37.85                 | 55°50'45"NW | 384         | 404,604.370700  | 2,388,263.742400 |
| 384 - 385 | 60.69                 | 60°54'39"NW | 385         | 404,551.334900  | 2,388,293.248300 |
| 385 - 386 | 73.41                 | 61°46'27"NW | 386         | 404,486.657300  | 2,388,327.965400 |
| 386 - 387 | 26.29                 | 61°05'20"NW | 387         | 404,463.642100  | 2,388,340.676200 |
| 387 - 388 | 63.09                 | 61°10'58"NW | 388         | 404,408.362700  | 2,388,371.087900 |
| 388 - 389 | 100.11                | 64°39'04"NW | 389         | 404,317.891500  | 2,388,413.947900 |
| 389 - 390 | 134.50                | 64°00'47"NW | 390         | 404,196.988700  | 2,388,472.881400 |
| 390 - 391 | 48.66                 | 68°17'45"NW | 391         | 404,151.782400  | 2,388,490.874900 |
| 391 - 392 | 94.84                 | 67°41'53"NW | 392         | 404,064.037000  | 2,388,526.865200 |
| 392 - 393 | 91.92                 | 67°43'52"NW | 393         | 403,978.973500  | 2,388,561.698200 |
| 393 - 394 | 30.46                 | 62°51'01"NW | 394         | 403,951.873000  | 2,388,575.595800 |
| 394 - 395 | 73.76                 | 49°31'13"NW | 395         | 403,895.771600  | 2,388,623.476200 |
| 395 - 396 | 93.71                 | 58°56'42"NW | 396         | 403,815.496300  | 2,388,671.815300 |
| 396 - 397 | 73.91                 | 56°58'37"NW | 397         | 403,753.525600  | 2,388,712.094600 |
| 397 - 398 | 77.35                 | 56°49'33"NW | 398         | 403,688.784700  | 2,388,754.417800 |
| 398 - 399 | 66.60                 | 71°08'52"NW | 399         | 403,625.756800  | 2,388,775.938300 |
| 399 - 400 | 54.05                 | 70°13'36"NW | 400         | 403,574.896100  | 2,388,794.222500 |
| 400 - 401 | 72.08                 | 66°54'21"NW | 401         | 403,508.593800  | 2,388,822.494500 |
| 401 - 402 | 94.23                 | 73°19'16"NW | 402         | 403,418.329200  | 2,388,849.538700 |
| 402 - 403 | 92.53                 | 80°02'01"NW | 403         | 403,327.196900  | 2,388,865.552500 |
| 403 - 404 | 103.50                | 71°08'08"NW | 404         | 403,229.254000  | 2,388,899.017600 |
| 404 - 405 | 114.79                | 61°55'32"NW | 405         | 403,127.971800  | 2,388,953.038900 |
| 405 - 406 | 69.40                 | 48°52'06"NW | 406         | 403,075.699300  | 2,388,998.690000 |
| 406 - 407 | 55.87                 | 63°27'28"NW | 407         | 403,025.720600  | 2,389,023.654400 |
| 407 - 408 | 47.57                 | 76°23'28"NW | 408         | 402,979.483500  | 2,389,034.847900 |
| 408 - 409 | 94.47                 | 79°50'43"NW | 409         | 402,886.491100  | 2,389,051.503600 |
| 409 - 410 | 74.65                 | 54°56'02"NW | 410         | 402,825.388700  | 2,389,094.392700 |
| 410 - 411 | 73.09                 | 66°15'42"NW | 411         | 402,758.485300  | 2,389,123.814300 |
| 411 - 412 | 73.07                 | 80°58'06"NW | 412         | 402,686.316400  | 2,389,135.285300 |
| 412 - 413 | 126.50                | 73°39'08"NW | 413         | 402,564.929600  | 2,389,170.891100 |
| 413 - 414 | 78.70                 | 63°15'20"NW | 414         | 402,494.644900  | 2,389,206.308600 |
| 414 - 415 | 114.69                | 54°52'12"NW | 415         | 402,400.843200  | 2,389,272.306600 |
| 415 - 416 | 69.59                 | 72°38'51"NW | 416         | 402,334.422700  | 2,389,293.061000 |
| 416 - 417 | 97.36                 | 70°11'25"NW | 417         | 402,242.827400  | 2,389,326.054400 |
| 417 - 418 | 85.80                 | 74°53'45"NW | 418         | 402,159.986600  | 2,389,348.412600 |
| 418 - 419 | 46.57                 | 74°57'41"NW | 419         | 402,115.014300  | 2,389,360.495300 |
| 419 - 420 | 61.07                 | 74°42'20"NW | 420         | 402,056.109800  | 2,389,376.603400 |
| 420 - 421 | 84.64                 | 70°54'30"NW | 421         | 401,976.124000  | 2,389,404.287800 |
| 421 - 422 | 59.80                 | 71°39'10"NW | 422         | 401,919.367200  | 2,389,423.110200 |
| 422 - 423 | 78.49                 | 75°12'42"NW | 423         | 401,843.478400  | 2,389,443.144200 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 423 - 424 | 63.15                 | 70°46'08"NW | 424         | 401,783.856700  | 2,389,463.942800 |
| 424 - 425 | 51.75                 | 71°29'44"NW | 425         | 401,734.785400  | 2,389,480.365800 |
| 425 - 426 | 55.63                 | 73°22'46"NW | 426         | 401,681.484200  | 2,389,496.276400 |
| 426 - 427 | 78.98                 | 73°51'18"NW | 427         | 401,605.618200  | 2,389,518.238200 |
| 427 - 428 | 55.95                 | 71°43'30"NW | 428         | 401,552.492600  | 2,389,535.782100 |
| 428 - 429 | 69.93                 | 72°46'53"NW | 429         | 401,485.695700  | 2,389,556.482900 |
| 429 - 430 | 59.42                 | 74°42'10"NW | 430         | 401,428.381100  | 2,389,572.159400 |
| 430 - 431 | 87.28                 | 73°31'56"NW | 431         | 401,344.680000  | 2,389,596.901400 |
| 431 - 432 | 51.22                 | 71°10'59"NW | 432         | 401,296.195400  | 2,389,613.422900 |
| 432 - 433 | 32.62                 | 73°15'41"NW | 433         | 401,264.954100  | 2,389,622.818600 |
| 433 - 434 | 31.90                 | 69°30'35"NW | 434         | 401,235.072200  | 2,389,633.985200 |
| 434 - 435 | 49.65                 | 74°02'20"NW | 435         | 401,187.337700  | 2,389,647.637700 |
| 435 - 436 | 47.37                 | 72°04'04"NW | 436         | 401,142.272700  | 2,389,662.221200 |
| 436 - 437 | 46.77                 | 75°15'05"NW | 437         | 401,097.042400  | 2,389,674.128000 |
| 437 - 438 | 52.16                 | 69°52'51"NW | 438         | 401,048.065000  | 2,389,692.069500 |
| 438 - 439 | 35.16                 | 69°53'02"NW | 439         | 401,015.046400  | 2,389,704.163000 |
| 439 - 440 | 68.11                 | 74°10'26"NW | 440         | 400,949.514100  | 2,389,722.738700 |
| 440 - 441 | 38.63                 | 74°01'32"NW | 441         | 400,912.373300  | 2,389,733.370700 |
| 441 - 442 | 36.89                 | 73°00'16"NW | 442         | 400,877.091500  | 2,389,744.154300 |
| 442 - 443 | 38.79                 | 75°32'03"NW | 443         | 400,839.529400  | 2,389,753.844600 |
| 443 - 444 | 41.62                 | 73°25'20"NW | 444         | 400,799.644100  | 2,389,765.718000 |
| 444 - 445 | 27.29                 | 71°16'01"NW | 445         | 400,773.795300  | 2,389,774.483900 |
| 445 - 446 | 38.22                 | 72°43'16"NW | 446         | 400,737.297300  | 2,389,785.837000 |
| 446 - 447 | 38.24                 | 74°26'31"NW | 447         | 400,700.456000  | 2,389,796.094200 |
| 447 - 448 | 42.92                 | 74°51'27"NW | 448         | 400,659.025900  | 2,389,807.305700 |
| 448 - 449 | 52.10                 | 75°07'32"NW | 449         | 400,608.672300  | 2,389,820.679500 |
| 449 - 450 | 40.04                 | 75°56'56"NW | 450         | 400,569.832500  | 2,389,830.400100 |
| 450 - 451 | 53.23                 | 78°14'09"NW | 451         | 400,517.721000  | 2,389,841.252700 |
| 451 - 452 | 35.29                 | 82°39'09"NW | 452         | 400,482.719600  | 2,389,845.765900 |
| 452 - 453 | 65.69                 | 79°05'38"NW | 453         | 400,418.214300  | 2,389,858.194700 |
| 453 - 454 | 35.11                 | 79°18'29"NW | 454         | 400,383.711500  | 2,389,864.709000 |
| 454 - 455 | 66.84                 | 81°21'08"NW | 455         | 400,317.626700  | 2,389,874.759600 |
| 455 - 456 | 81.13                 | 86°29'42"NW | 456         | 400,236.647700  | 2,389,879.719200 |
| 456 - 457 | 27.35                 | 89°41'41"NW | 457         | 400,209.299100  | 2,389,879.864800 |
| 457 - 458 | 53.81                 | 82°02'21"NW | 458         | 400,156.004300  | 2,389,887.317600 |
| 458 - 459 | 80.39                 | 83°49'09"NW | 459         | 400,076.082800  | 2,389,895.972600 |
| 459 - 460 | 59.53                 | 88°03'12"NW | 460         | 400,016.587700  | 2,389,897.994600 |
| 460 - 461 | 22.82                 | 89°02'31"SW | 461         | 399,993.767200  | 2,389,897.613000 |
| 461 - 462 | 55.26                 | 81°05'07"NW | 462         | 399,939.174300  | 2,389,906.176300 |
| 462 - 463 | 104.86                | 82°48'24"NW | 463         | 399,835.136700  | 2,389,919.307000 |
| 463 - 464 | 137.69                | 87°36'47"NW | 464         | 399,697.563500  | 2,389,925.041300 |
| 464 - 465 | 159.13                | 87°27'16"NW | 465         | 399,538.592700  | 2,389,932.108600 |
| 465 - 466 | 87.82                 | 86°46'13"SW | 466         | 399,450.911100  | 2,389,927.160900 |
| 466 - 467 | 94.57                 | 89°51'55"SW | 467         | 399,356.345600  | 2,389,926.938900 |
| 467 - 468 | 186.24                | 86°19'04"NW | 468         | 399,170.494200  | 2,389,938.898900 |
| 468 - 469 | 47.81                 | 89°48'02"NW | 469         | 399,122.685500  | 2,389,939.065100 |
| 469 - 470 | 78.12                 | 89°04'02"NW | 470         | 399,044.575000  | 2,389,940.336800 |
| 470 - 471 | 33.81                 | 78°11'50"NW | 471         | 399,011.479200  | 2,389,947.252500 |
| 471 - 472 | 73.03                 | 87°11'25"SW | 472         | 398,938.540500  | 2,389,943.673100 |
| 472 - 473 | 154.43                | 87°20'40"SW | 473         | 398,784.279100  | 2,389,936.518600 |
| 473 - 474 | 107.29                | 88°16'55"NW | 474         | 398,677.035100  | 2,389,939.735200 |
| 474 - 1   | 116.14                | 88°58'57"NW | 1           |                 |                  |

**Zona de Amortiguamiento**  
**“Las Coloradas”**  
**(Superficie 25-21-67.76 hectáreas)**

| Est-PV                                                                                                                                                                        | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                               |                       |             |             | X               | Y                |
|                                                                                                                                                                               |                       |             | 1           | 395,844.421100  | 2,389,917.128100 |
| 1 - 2                                                                                                                                                                         | 86.68                 | 00°00'23"NE | 2           | 395,844.430800  | 2,390,003.812200 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 2,737.96 metros hasta llegar al vértice 3. |                       |             |             |                 |                  |
| 2 - 3                                                                                                                                                                         | 2,696.96              | 89°19'26"NE | 3           | 398,541.205700  | 2,390,035.634900 |
| 3 - 4                                                                                                                                                                         | 41.64                 | 11°42'59"SE | 4           | 398,549.660900  | 2,389,994.865900 |
| 4 - 5                                                                                                                                                                         | 54.25                 | 11°58'21"SE | 5           | 398,560.914600  | 2,389,941.797300 |
| 5 - 6                                                                                                                                                                         | 139.57                | 87°54'13"SW | 6           | 398,421.439400  | 2,389,936.692300 |
| 6 - 7                                                                                                                                                                         | 58.34                 | 87°03'21"NW | 7           | 398,363.180000  | 2,389,939.688600 |
| 7 - 8                                                                                                                                                                         | 33.60                 | 75°04'14"NW | 8           | 398,330.711300  | 2,389,948.345700 |
| 8 - 9                                                                                                                                                                         | 53.74                 | 88°29'20"SW | 9           | 398,276.990400  | 2,389,946.928800 |
| 9 - 10                                                                                                                                                                        | 122.58                | 85°16'50"NW | 10          | 398,154.830500  | 2,389,957.013900 |
| 10 - 11                                                                                                                                                                       | 47.78                 | 86°27'08"NW | 11          | 398,107.139200  | 2,389,959.970600 |
| 11 - 12                                                                                                                                                                       | 98.50                 | 82°06'05"NW | 12          | 398,009.572800  | 2,389,973.506300 |
| 12 - 13                                                                                                                                                                       | 62.99                 | 88°46'41"NW | 13          | 397,946.596700  | 2,389,974.849300 |
| 13 - 14                                                                                                                                                                       | 48.71                 | 88°46'41"NW | 14          | 397,897.901500  | 2,389,975.887800 |
| 14 - 15                                                                                                                                                                       | 133.41                | 88°46'41"NW | 15          | 397,764.521600  | 2,389,978.732200 |
| 15 - 16                                                                                                                                                                       | 96.56                 | 88°46'41"NW | 16          | 397,667.981100  | 2,389,980.791000 |
| 16 - 17                                                                                                                                                                       | 70.41                 | 88°46'42"NW | 17          | 397,597.588700  | 2,389,982.292100 |
| 17 - 18                                                                                                                                                                       | 55.25                 | 88°46'41"NW | 18          | 397,542.347700  | 2,389,983.470200 |
| 18 - 19                                                                                                                                                                       | 46.54                 | 88°46'42"NW | 19          | 397,495.822900  | 2,389,984.462300 |
| 19 - 20                                                                                                                                                                       | 38.57                 | 86°14'22"SW | 20          | 397,457.334500  | 2,389,981.932600 |
| 20 - 21                                                                                                                                                                       | 88.23                 | 82°46'58"SW | 21          | 397,369.801600  | 2,389,970.847900 |
| 21 - 22                                                                                                                                                                       | 89.58                 | 82°17'47"SW | 22          | 397,281.025400  | 2,389,958.839600 |
| 22 - 23                                                                                                                                                                       | 74.63                 | 81°13'17"SW | 23          | 397,207.268900  | 2,389,947.449900 |
| 23 - 24                                                                                                                                                                       | 93.59                 | 86°00'07"SW | 24          | 397,113.911100  | 2,389,940.925300 |
| 24 - 25                                                                                                                                                                       | 74.61                 | 87°03'11"NW | 25          | 397,039.395000  | 2,389,944.761000 |
| 25 - 26                                                                                                                                                                       | 57.01                 | 87°31'28"SW | 26          | 396,982.441300  | 2,389,942.298900 |
| 26 - 27                                                                                                                                                                       | 43.08                 | 86°38'53"SW | 27          | 396,939.435700  | 2,389,939.780100 |
| 27 - 28                                                                                                                                                                       | 29.00                 | 89°12'26"SW | 28          | 396,910.438100  | 2,389,939.378900 |
| 28 - 29                                                                                                                                                                       | 24.73                 | 81°30'38"SW | 29          | 396,885.981700  | 2,389,935.728500 |
| 29 - 30                                                                                                                                                                       | 64.85                 | 88°01'17"SW | 30          | 396,821.172300  | 2,389,933.489700 |
| 30 - 31                                                                                                                                                                       | 64.94                 | 86°33'29"SW | 31          | 396,756.351300  | 2,389,929.591300 |
| 31 - 32                                                                                                                                                                       | 57.60                 | 87°49'59"SW | 32          | 396,698.789400  | 2,389,927.413400 |
| 32 - 33                                                                                                                                                                       | 85.76                 | 87°03'46"SW | 33          | 396,613.146800  | 2,389,923.019200 |
| 33 - 34                                                                                                                                                                       | 62.42                 | 88°03'30"SW | 34          | 396,550.762300  | 2,389,920.904400 |
| 34 - 35                                                                                                                                                                       | 85.68                 | 88°07'41"SW | 35          | 396,465.131400  | 2,389,918.106000 |
| 35 - 36                                                                                                                                                                       | 54.90                 | 89°49'59"SW | 36          | 396,410.230300  | 2,389,917.946200 |
| 36 - 37                                                                                                                                                                       | 73.74                 | 88°58'04"NW | 37          | 396,336.504600  | 2,389,919.274400 |
| 37 - 38                                                                                                                                                                       | 82.31                 | 85°21'49"SW | 38          | 396,254.467300  | 2,389,912.621700 |
| 38 - 39                                                                                                                                                                       | 59.11                 | 89°44'36"NW | 39          | 396,195.359800  | 2,389,912.886400 |
| 39 - 40                                                                                                                                                                       | 71.26                 | 87°42'36"SW | 40          | 396,124.155500  | 2,389,910.039100 |
| 40 - 41                                                                                                                                                                       | 54.90                 | 89°23'16"NW | 41          | 396,069.262700  | 2,389,910.625600 |
| 41 - 42                                                                                                                                                                       | 60.50                 | 88°03'05"SW | 42          | 396,008.798300  | 2,389,908.568700 |
| 42 - 43                                                                                                                                                                       | 68.97                 | 88°07'53"NW | 43          | 395,939.865300  | 2,389,910.817600 |
| 43 - 44                                                                                                                                                                       | 41.68                 | 87°38'26"NW | 44          | 395,898.220900  | 2,389,912.533300 |
| 44 - 45                                                                                                                                                                       | 34.57                 | 83°15'21"NW | 45          | 395,863.892300  | 2,389,916.592800 |
| 45 - 1                                                                                                                                                                        | 19.48                 | 88°25'30"NW | 1           |                 |                  |

**Zona de Amortiguamiento****“El Cuyo A”****(Superficie 13-92-83.81 hectáreas)**

| Est-PV                                                                                                                                                                          | Rumbo       | Distancia<br>(metros) | Vértice No. | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-------------|-----------------|------------------|
|                                                                                                                                                                                 |             |                       |             | X               | Y                |
|                                                                                                                                                                                 |             |                       | 1           | 427,015.220300  | 2,380,034.951900 |
| 1 - 2                                                                                                                                                                           | 06°59'30"NE | 93.69                 | 2           | 427,026.625000  | 2,380,127.945100 |
| A partir de este vértice 2 se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 1,856.95 metros hasta llegar al vértice 3. |             |                       |             |                 |                  |
|                                                                                                                                                                                 |             |                       | 3           | 428,849.928100  | 2,379,776.069900 |
| 3 - 4                                                                                                                                                                           | 01°59'28"SW | 46.11                 | 4           | 428,848.325900  | 2,379,729.987700 |
| 4 - 5                                                                                                                                                                           | 87°39'55"NW | 146.74                | 5           | 428,701.709100  | 2,379,735.965000 |
| 5 - 6                                                                                                                                                                           | 85°03'24"NW | 104.14                | 6           | 428,597.958000  | 2,379,744.938400 |
| 6 - 7                                                                                                                                                                           | 73°50'43"SW | 20.17                 | 7           | 428,578.588100  | 2,379,739.327600 |
| 7 - 8                                                                                                                                                                           | 81°29'02"NW | 167.80                | 8           | 428,412.637300  | 2,379,764.176000 |
| 8 - 9                                                                                                                                                                           | 84°07'20"NW | 47.37                 | 9           | 428,365.521100  | 2,379,769.026400 |
| 9 - 10                                                                                                                                                                          | 83°42'45"NW | 52.38                 | 10          | 428,313.451600  | 2,379,774.763200 |
| 10 - 11                                                                                                                                                                         | 83°24'37"NW | 97.57                 | 11          | 428,216.528500  | 2,379,785.959700 |
| 11 - 12                                                                                                                                                                         | 80°34'54"NW | 55.14                 | 12          | 428,162.132600  | 2,379,794.982600 |
| 12 - 13                                                                                                                                                                         | 80°26'24"NW | 60.14                 | 13          | 428,102.832100  | 2,379,804.969700 |
| 13 - 14                                                                                                                                                                         | 83°58'47"NW | 61.92                 | 14          | 428,041.251200  | 2,379,811.464000 |
| 14 - 15                                                                                                                                                                         | 80°28'30"NW | 104.64                | 15          | 427,938.056000  | 2,379,828.779000 |
| 15 - 16                                                                                                                                                                         | 77°44'50"NW | 48.31                 | 16          | 427,890.841900  | 2,379,839.032500 |
| 16 - 17                                                                                                                                                                         | 80°21'31"NW | 31.35                 | 17          | 427,859.931900  | 2,379,844.283500 |
| 17 - 18                                                                                                                                                                         | 77°28'58"NW | 58.82                 | 18          | 427,802.507900  | 2,379,857.032000 |
| 18 - 19                                                                                                                                                                         | 79°23'06"NW | 115.25                | 19          | 427,689.228100  | 2,379,878.262400 |
| 19 - 20                                                                                                                                                                         | 77°24'38"NW | 51.73                 | 20          | 427,638.742400  | 2,379,889.537400 |
| 20 - 21                                                                                                                                                                         | 78°20'44"NW | 99.11                 | 21          | 427,541.672200  | 2,379,909.559100 |
| 21 - 22                                                                                                                                                                         | 78°15'25"NW | 70.08                 | 22          | 427,473.055500  | 2,379,923.822500 |
| 22 - 23                                                                                                                                                                         | 75°12'40"NW | 66.08                 | 23          | 427,409.162900  | 2,379,940.690300 |
| 23 - 24                                                                                                                                                                         | 75°01'39"NW | 100.51                | 24          | 427,312.064200  | 2,379,966.657600 |
| 24 - 25                                                                                                                                                                         | 78°31'53"NW | 119.85                | 25          | 427,194.606800  | 2,379,990.487100 |
| 25 - 1                                                                                                                                                                          | 76°04'42"NW | 184.82                | 1           |                 |                  |

**Polígono 4****(Superficie 6-26-62.31 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice no. | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-------------|-----------------|------------------|
|         |             |                       |             | X               | Y                |
|         |             |                       | 1           | 429,656.387600  | 2,379,711.814300 |
| 1 - 2   | 13°15'42"SW | 62.45                 | 2           | 429,642.061700  | 2,379,651.030700 |
| 2 - 3   | 73°48'00"NW | 46.39                 | 3           | 429,597.513600  | 2,379,663.972900 |
| 3 - 4   | 73°47'39"NW | 116.75                | 4           | 429,485.401800  | 2,379,696.556200 |
| 4 - 5   | 75°53'04"NW | 60.46                 | 5           | 429,426.768400  | 2,379,711.300800 |
| 5 - 6   | 60°18'44"NW | 31.91                 | 6           | 429,399.048400  | 2,379,727.104100 |
| 6 - 7   | 89°24'17"SW | 22.86                 | 7           | 429,376.185400  | 2,379,726.866600 |
| 7 - 8   | 65°53'43"NW | 33.87                 | 8           | 429,345.266400  | 2,379,740.700300 |
| 8 - 9   | 72°52'44"NW | 25.29                 | 9           | 429,321.092400  | 2,379,748.146900 |
| 9 - 10  | 90°00'00"NW | 30.15                 | 10          | 429,290.942600  | 2,379,748.146900 |
| 10 - 11 | 74°08'27"NW | 18.28                 | 11          | 429,273.357400  | 2,379,753.142600 |
| 11 - 12 | 86°14'01"NW | 18.24                 | 12          | 429,255.159900  | 2,379,754.340500 |
| 12 - 13 | 79°26'46"NW | 50.05                 | 13          | 429,205.957400  | 2,379,763.507500 |
| 13 - 14 | 74°32'37"NW | 60.35                 | 14          | 429,147.788700  | 2,379,779.591400 |
| 14 - 15 | 78°03'08"NW | 39.04                 | 15          | 429,109.596300  | 2,379,787.672900 |
| 15 - 16 | 72°15'34"NW | 44.64                 | 16          | 429,067.075400  | 2,379,801.276200 |
| 16 - 17 | 58°09'47"NW | 32.61                 | 17          | 429,039.374900  | 2,379,818.475800 |
| 17 - 18 | 82°58'29"NW | 39.17                 | 18          | 429,000.500600  | 2,379,823.266200 |
| 18 - 19 | 75°23'23"NW | 72.89                 | 19          | 428,929.966700  | 2,379,841.652400 |
| 19 - 20 | 02°57'08"NE | 11.95                 | 20          | 428,930.582000  | 2,379,853.583100 |
| 20 - 21 | 05°49'23"NW | 24.42                 | 21          | 428,928.104200  | 2,379,877.879300 |
| 21 - 22 | 45°08'43"NW | 36.47                 | 22          | 428,902.251500  | 2,379,903.601100 |
| 22 - 23 | 00°42'19"NW | 35.26                 | 23          | 428,901.817400  | 2,379,938.860100 |
| 23 - 24 | 38°20'46"NE | 40.83                 | 24          | 428,927.147100  | 2,379,970.880000 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 775.20 metros hasta llegar al vértice 1.

**Zona de Amortiguamiento****“El Cuyo B”****(Superficie 6-26-62.31 hectáreas)**

Los límites de la zona de amortiguamiento corresponden a los del polígono 4.

**Polígono 5****(Superficie 234-06-39.25 hectáreas)**

| Est-PV                                                                                                                                                                         | Rumbo       | Distancia<br>(metros) | Vértice no. | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-------------|-----------------|------------------|
|                                                                                                                                                                                |             |                       |             | X               | Y                |
|                                                                                                                                                                                |             |                       | 1           | 429,782.032000  | 2,379,570.326300 |
| 1 - 2                                                                                                                                                                          | 21°00'58"NW | 45.15                 | 2           | 429,765.840500  | 2,379,612.470600 |
| 2 - 3                                                                                                                                                                          | 05°02'33"NE | 64.15                 | 3           | 429,771.479000  | 2,379,676.371400 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 15,037.37 metros hasta llegar al vértice 4. |             |                       |             |                 |                  |
|                                                                                                                                                                                |             |                       | 4           | 444,580.829100  | 2,376,497.927300 |
| 4 - 5                                                                                                                                                                          | 01°01'12"SE | 208.23                | 5           | 444,584.536900  | 2,376,289.727100 |
| 5 - 6                                                                                                                                                                          | 85°53'35"NW | 731.42                | 6           | 443,854.991300  | 2,376,342.107700 |
| 6 - 7                                                                                                                                                                          | 79°15'47"NW | 99.06                 | 7           | 443,757.669000  | 2,376,360.561500 |
| 7 - 8                                                                                                                                                                          | 79°25'12"NW | 508.22                | 8           | 443,258.089000  | 2,376,453.874700 |
| 8 - 9                                                                                                                                                                          | 79°06'22"NW | 507.28                | 9           | 442,759.953100  | 2,376,549.743600 |
| 9 - 10                                                                                                                                                                         | 79°17'59"NW | 619.76                | 10          | 442,150.965500  | 2,376,664.814100 |
| 10 - 11                                                                                                                                                                        | 79°21'38"NW | 596.81                | 11          | 441,564.415400  | 2,376,774.999800 |
| 11 - 12                                                                                                                                                                        | 79°12'55"NW | 840.29                | 12          | 440,738.969900  | 2,376,932.230400 |
| 12 - 13                                                                                                                                                                        | 79°11'57"NW | 636.28                | 13          | 440,113.960600  | 2,377,051.463900 |
| 13 - 14                                                                                                                                                                        | 79°15'41"NW | 322.25                | 14          | 439,797.357800  | 2,377,111.506700 |
| 14 - 15                                                                                                                                                                        | 74°48'58"NW | 207.81                | 15          | 439,596.798800  | 2,377,165.936600 |
| 15 - 16                                                                                                                                                                        | 74°45'30"NW | 544.55                | 16          | 439,071.405800  | 2,377,309.092500 |
| 16 - 17                                                                                                                                                                        | 74°45'30"NW | 619.78                | 17          | 438,473.427500  | 2,377,472.026000 |
| 17 - 18                                                                                                                                                                        | 74°45'30"NW | 826.55                | 18          | 437,675.952200  | 2,377,689.317200 |
| 18 - 19                                                                                                                                                                        | 74°49'59"NW | 292.69                | 19          | 437,393.455000  | 2,377,765.894200 |
| 19 - 20                                                                                                                                                                        | 74°42'52"NW | 500.87                | 20          | 436,910.302700  | 2,377,897.936800 |
| 20 - 21                                                                                                                                                                        | 74°49'19"NW | 665.57                | 21          | 436,267.952000  | 2,378,072.194400 |
| 21 - 22                                                                                                                                                                        | 74°47'18"NW | 593.32                | 22          | 435,695.417100  | 2,378,227.873400 |
| 22 - 23                                                                                                                                                                        | 74°38'55"NW | 354.42                | 23          | 435,353.640400  | 2,378,321.700900 |
| 23 - 24                                                                                                                                                                        | 77°21'12"NW | 108.78                | 24          | 435,247.499900  | 2,378,345.516400 |
| 24 - 25                                                                                                                                                                        | 77°31'30"NW | 644.67                | 25          | 434,618.045700  | 2,378,484.772400 |
| 25 - 26                                                                                                                                                                        | 77°31'30"NW | 485.53                | 26          | 434,143.982000  | 2,378,589.650900 |
| 26 - 27                                                                                                                                                                        | 77°31'30"NW | 503.81                | 27          | 433,652.070200  | 2,378,698.478000 |
| 27 - 28                                                                                                                                                                        | 77°31'30"NW | 659.71                | 28          | 433,007.934200  | 2,378,840.982100 |
| 28 - 29                                                                                                                                                                        | 77°31'30"NW | 666.03                | 29          | 432,357.630900  | 2,378,984.850600 |
| 29 - 30                                                                                                                                                                        | 77°31'30"NW | 257.28                | 30          | 432,106.426400  | 2,379,040.425300 |
| 30 - 31                                                                                                                                                                        | 77°42'22"NW | 544.82                | 31          | 431,574.103000  | 2,379,156.430700 |
| 31 - 32                                                                                                                                                                        | 76°12'54"NW | 82.09                 | 32          | 431,494.377900  | 2,379,175.990700 |
| 32 - 33                                                                                                                                                                        | 77°55'27"NW | 22.44                 | 33          | 431,472.429600  | 2,379,180.686300 |
| 33 - 34                                                                                                                                                                        | 78°49'32"NW | 130.87                | 34          | 431,344.037100  | 2,379,206.048600 |
| 34 - 35                                                                                                                                                                        | 77°36'25"NW | 162.32                | 35          | 431,185.503500  | 2,379,240.884200 |
| 35 - 36                                                                                                                                                                        | 51°34'31"NW | 36.57                 | 36          | 431,156.850400  | 2,379,263.614500 |
| 36 - 37                                                                                                                                                                        | 76°57'25"NW | 210.70                | 37          | 430,951.584500  | 2,379,311.165900 |
| 37 - 38                                                                                                                                                                        | 75°03'55"NW | 146.21                | 38          | 430,810.310200  | 2,379,348.847100 |
| 38 - 39                                                                                                                                                                        | 81°55'06"SW | 32.91                 | 39          | 430,777.728300  | 2,379,344.220800 |
| 39 - 40                                                                                                                                                                        | 76°06'57"NW | 77.97                 | 40          | 430,702.035100  | 2,379,362.930500 |
| 40 - 41                                                                                                                                                                        | 47°04'01"NW | 56.90                 | 41          | 430,660.375500  | 2,379,401.687700 |
| 41 - 42                                                                                                                                                                        | 84°41'16"SW | 109.27                | 42          | 430,551.572000  | 2,379,391.571000 |
| 42 - 43                                                                                                                                                                        | 74°34'01"NW | 307.75                | 43          | 430,254.922200  | 2,379,473.465300 |
| 43 - 44                                                                                                                                                                        | 74°31'24"NW | 73.21                 | 44          | 430,184.367000  | 2,379,493.001000 |
| 44 - 45                                                                                                                                                                        | 71°30'24"NW | 14.16                 | 45          | 430,170.938400  | 2,379,497.492400 |
| 45 - 46                                                                                                                                                                        | 88°49'24"SW | 80.27                 | 46          | 430,090.688300  | 2,379,495.844100 |
| 46 - 47                                                                                                                                                                        | 73°45'01"NW | 41.31                 | 47          | 430,051.033200  | 2,379,507.402200 |
| 47 - 48                                                                                                                                                                        | 62°28'14"NW | 62.13                 | 48          | 429,995.939700  | 2,379,536.117800 |
| 48 - 1                                                                                                                                                                         | 80°54'50"NW | 216.63                | 1           |                 |                  |



**Zona Núcleo**  
**“El Cuyo”**  
**(Superficie 207-31-91.48 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 433,007.934200  | 2,378,840.982100 |
| 1 - 2  | 55.52                 | 16°05'54"NE | 2           | 433,023.329900  | 2,378,894.327500 |
| 2 - 3  | 65.25                 | 16°23'08"NE | 3           | 433,041.736600  | 2,378,956.925500 |
| 3 - 4  | 16.94                 | 16°23'08"NE | 4           | 433,046.516100  | 2,378,973.179800 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 11,816.93 metros hasta llegar al vértice 5.

|         |        |             |    |                |                  |
|---------|--------|-------------|----|----------------|------------------|
|         |        |             | 5  | 444,580.829100 | 2,376,497.927300 |
| 5 - 6   | 208.23 | 01°01'13"SE | 6  | 444,584.537000 | 2,376,289.727100 |
| 6 - 7   | 731.42 | 85°53'35"NW | 7  | 443,854.991300 | 2,376,342.107700 |
| 7 - 8   | 99.06  | 79°15'47"NW | 8  | 443,757.669000 | 2,376,360.561500 |
| 8 - 9   | 508.22 | 79°25'12"NW | 9  | 443,258.089000 | 2,376,453.874700 |
| 9 - 10  | 507.28 | 79°06'22"NW | 10 | 442,759.953100 | 2,376,549.743500 |
| 10 - 11 | 619.76 | 79°17'59"NW | 11 | 442,150.965500 | 2,376,664.814100 |
| 11 - 12 | 596.81 | 79°21'38"NW | 12 | 441,564.415400 | 2,376,774.999800 |
| 12 - 13 | 840.29 | 79°12'55"NW | 13 | 440,738.969900 | 2,376,932.230400 |
| 13 - 14 | 636.28 | 79°11'57"NW | 14 | 440,113.960600 | 2,377,051.463800 |
| 14 - 15 | 322.25 | 79°15'41"NW | 15 | 439,797.357800 | 2,377,111.506700 |
| 15 - 16 | 207.81 | 74°48'58"NW | 16 | 439,596.798800 | 2,377,165.936600 |
| 16 - 17 | 544.55 | 74°45'30"NW | 17 | 439,071.405800 | 2,377,309.092500 |
| 17 - 18 | 619.78 | 74°45'30"NW | 18 | 438,473.427500 | 2,377,472.026000 |
| 18 - 19 | 826.55 | 74°45'30"NW | 19 | 437,675.952200 | 2,377,689.317200 |
| 19 - 20 | 292.69 | 74°49'59"NW | 20 | 437,393.455000 | 2,377,765.894200 |
| 20 - 21 | 500.87 | 74°42'52"NW | 21 | 436,910.302700 | 2,377,897.936700 |
| 21 - 22 | 665.57 | 74°49'19"NW | 22 | 436,267.952000 | 2,378,072.194400 |
| 22 - 23 | 593.32 | 74°47'18"NW | 23 | 435,695.417100 | 2,378,227.873400 |
| 23 - 24 | 354.42 | 74°38'55"NW | 24 | 435,353.640400 | 2,378,321.700900 |
| 24 - 25 | 108.78 | 77°21'13"NW | 25 | 435,247.500000 | 2,378,345.516300 |
| 25 - 26 | 644.67 | 77°31'30"NW | 26 | 434,618.045800 | 2,378,484.772400 |
| 26 - 27 | 485.53 | 77°31'30"NW | 27 | 434,143.982000 | 2,378,589.650900 |
| 27 - 28 | 503.81 | 77°31'30"NW | 28 | 433,652.070200 | 2,378,698.477900 |
| 28 - 1  | 659.71 | 77°31'30"NW | 1  |                |                  |

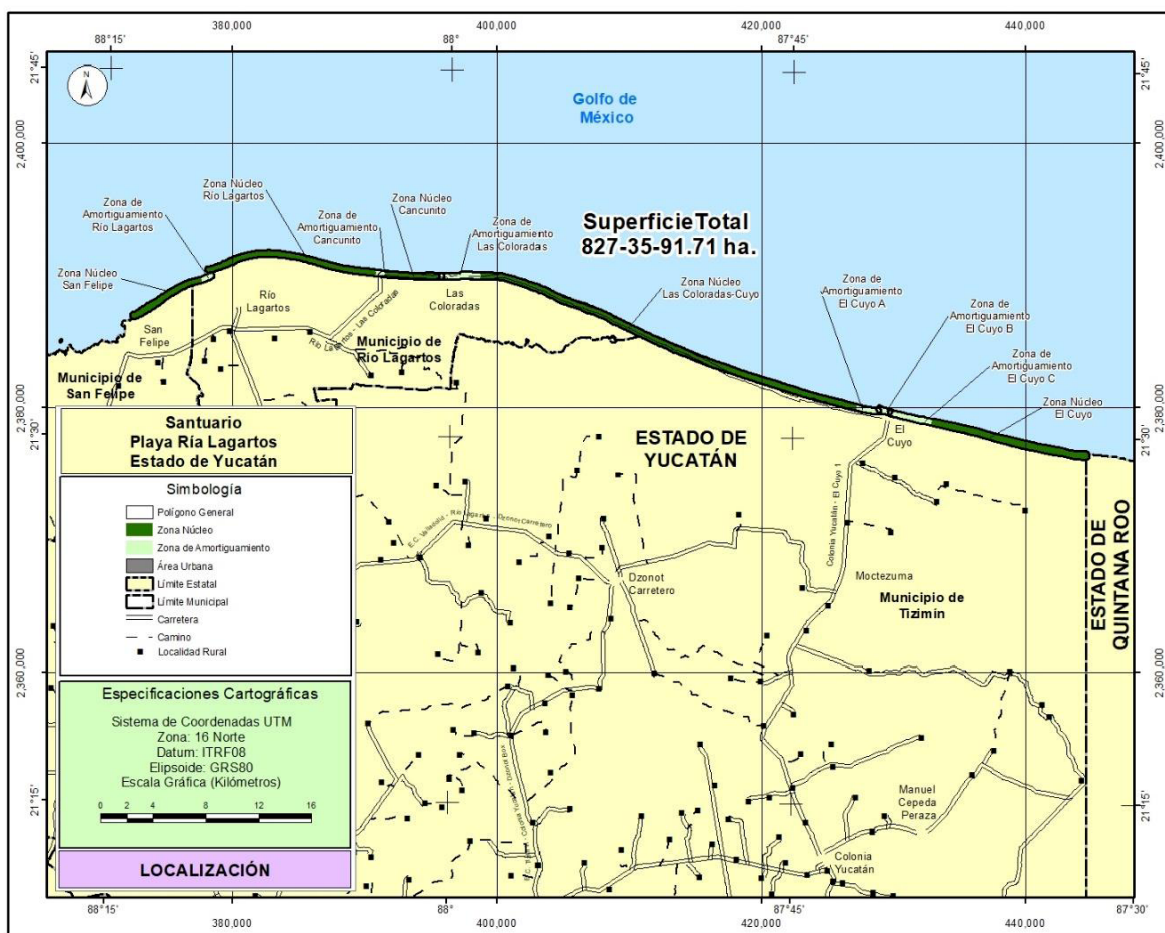
**Zona de Amortiguamiento**  
**“El Cuyo C”**  
**(Superficie 26-74-47.77 hectáreas)**

| Est-PV | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|--------|-----------------------|-------------|-------------|-----------------|------------------|
|        |                       |             |             | X               | Y                |
|        |                       |             | 1           | 429,782.032000  | 2,379,570.326300 |
| 1 - 2  | 45.15                 | 21°00'59"NW | 2           | 429,765.840500  | 2,379,612.470500 |
| 2 - 3  | 64.15                 | 05°02'33"NE | 3           | 429,771.479000  | 2,379,676.371400 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Sureste y una distancia aproximada de 3,355.25 metros hasta llegar al vértice 4.

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 4           | 433,041.736600  | 2,378,956.925500 |
| 4 - 5   | 120.77                | 16°15'13"SW | 5           | 433,007.934200  | 2,378,840.982100 |
| 5 - 6   | 666.03                | 77°31'30"NW | 6           | 432,357.630900  | 2,378,984.850600 |
| 6 - 7   | 257.28                | 77°31'30"NW | 7           | 432,106.426400  | 2,379,040.425300 |
| 7 - 8   | 544.82                | 77°42'22"NW | 8           | 431,574.103000  | 2,379,156.430700 |
| 8 - 9   | 82.09                 | 76°12'54"NW | 9           | 431,494.377900  | 2,379,175.990700 |
| 9 - 10  | 22.44                 | 77°55'28"NW | 10          | 431,472.429600  | 2,379,180.686200 |
| 10 - 11 | 130.87                | 78°49'32"NW | 11          | 431,344.037100  | 2,379,206.048600 |
| 11 - 12 | 162.32                | 77°36'25"NW | 12          | 431,185.503500  | 2,379,240.884200 |
| 12 - 13 | 36.57                 | 51°34'31"NW | 13          | 431,156.850400  | 2,379,263.614500 |
| 13 - 14 | 210.70                | 76°57'25"NW | 14          | 430,951.584500  | 2,379,311.165900 |
| 14 - 15 | 146.21                | 75°03'55"NW | 15          | 430,810.310200  | 2,379,348.847100 |
| 15 - 16 | 32.91                 | 81°55'06"SW | 16          | 430,777.728300  | 2,379,344.220800 |
| 16 - 17 | 77.97                 | 76°06'57"NW | 17          | 430,702.035100  | 2,379,362.930500 |
| 17 - 18 | 56.90                 | 47°04'01"NW | 18          | 430,660.375500  | 2,379,401.687700 |
| 18 - 19 | 109.27                | 84°41'16"SW | 19          | 430,551.572000  | 2,379,391.571000 |
| 19 - 20 | 307.75                | 74°34'01"NW | 20          | 430,254.922200  | 2,379,473.465300 |
| 20 - 21 | 73.21                 | 74°31'24"NW | 21          | 430,184.367000  | 2,379,493.001000 |
| 21 - 22 | 14.16                 | 71°30'24"NW | 22          | 430,170.938400  | 2,379,497.492400 |
| 22 - 23 | 80.27                 | 88°49'24"SW | 23          | 430,090.688300  | 2,379,495.844100 |
| 23 - 24 | 41.31                 | 73°45'01"NW | 24          | 430,051.033200  | 2,379,507.402200 |
| 24 - 25 | 62.13                 | 62°28'14"NW | 25          | 429,995.939700  | 2,379,536.117800 |
| 25 - 26 | 56.62                 | 87°06'08"NW | 26          | 429,939.396300  | 2,379,538.979900 |
| 26 - 1  | 160.46                | 78°44'03"NW | 1           |                 |                  |

| Polígono general   | Superficie (ha)   | Zonificación    | Nombre             | Superficie (ha)   |
|--------------------|-------------------|-----------------|--------------------|-------------------|
| Playa Ría Lagartos | 827.359171        | Amortiguamiento | Río Lagartos       | 6.027496          |
|                    |                   |                 | Cancunito          | 6.872785          |
|                    |                   |                 | Las Coloradas      | 25.216776         |
|                    |                   |                 | El Cuyo A          | 13.928381         |
|                    |                   |                 | El Cuyo B          | 6.266231          |
|                    |                   |                 | El Cuyo C          | 26.744777         |
|                    |                   |                 | <b>Subtotal</b>    | <b>85.056446</b>  |
|                    |                   | Núcleo          | San Felipe         | 68.356000         |
|                    |                   |                 | Río Lagartos       | 95.925123         |
|                    |                   |                 | Cancunito          | 28.384851         |
|                    |                   |                 | Las Coloradas-Cuyo | 342.317603        |
|                    |                   |                 | El Cuyo            | 207.319148        |
|                    |                   |                 | <b>Subtotal</b>    | <b>742.302725</b> |
| <b>Total</b>       | <b>827.359171</b> | <b>Total</b>    |                    | <b>827.359171</b> |



### “Playas de Isla Contoy”

El Santuario conocido como Playas de Isla Contoy, de acuerdo con el Catálogo del Territorio Insular Mexicano 2015, del Instituto Nacional de Estadística y Geografía, se localiza en el elemento insular Cayo Contoy, en el estado de Quintana Roo, con una superficie total de 10-74-81.02 hectáreas (DIEZ HECTÁREAS, SETENTA Y CUATRO ÁREAS, OCHENTA Y UNA PUNTO DOS CENTIÁREAS). En el área se ubican tres zonas de amortiguamiento con una superficie de 0-35-35.56 hectáreas (TREINTA Y CINCO ÁREAS, TREINTA Y CINCO PUNTO CINCUENTA Y SEIS CENTIÁREAS) y doce zonas núcleo con una superficie de 10-39-45.46 hectáreas (DIEZ HECTÁREAS, TREINTA Y NUEVE ÁREAS, CUARENTA Y CINCO PUNTO CUARENTA Y SEIS CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playas de Isla Contoy, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 16 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**El Polígono General se conforma por 15 polígonos, que se describen a continuación:**

**(Superficie 10-74-81.02 hectáreas)**

#### Polígono 1

**(Superficie 0-18-80.02 hectáreas)**

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|--------------|-----------------|------------------|
|        |             |                       |              | X               | Y                |
|        |             |                       | 1            | 520,393.063700  | 2,380,939.399400 |
| 1 - 2  | 72°01'42"NE | 11.07                 | 2            | 520,403.594200  | 2,380,942.815200 |
| 2 - 3  | 74°11'29"NE | 4.12                  | 3            | 520,407.559500  | 2,380,943.937900 |

A partir de este vértice 3 se continúa por la línea de costa, con un rumbo general Sureste y una distancia aproximada de 108.80 metros hasta llegar al vértice 4.

|   |                |                  |
|---|----------------|------------------|
| 4 | 520,453.179300 | 2,380,853.199300 |
|---|----------------|------------------|

| Est-PV  | Rumbo      | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|------------|-----------------------|--------------|-----------------|------------------|
|         |            |                       |              | X               | Y                |
| 4 - 5   | 88°28'09"N | 4.58                  | 5            | 520,448.599200  | 2,380,853.321700 |
| 5 - 6   | 73°59'41"N | 4.47                  | 6            | 520,444.305900  | 2,380,854.553200 |
| 6 - 7   | 82°31'30"S | 5.54                  | 7            | 520,438.816800  | 2,380,853.833000 |
| 7 - 8   | 11°53'16"N | 3.12                  | 8            | 520,438.174700  | 2,380,856.883200 |
| 8 - 9   | 17°24'10"N | 11.27                 | 9            | 520,434.803400  | 2,380,867.639200 |
| 9 - 10  | 38°33'54"N | 15.19                 | 10           | 520,425.331700  | 2,380,879.519000 |
| 10 - 11 | 50°11'40"N | 8.78                  | 11           | 520,418.589100  | 2,380,885.137800 |
| 11 - 12 | 39°25'41"N | 9.35                  | 12           | 520,412.649200  | 2,380,892.361900 |
| 12 - 13 | 51°20'19"N | 3.08                  | 13           | 520,410.241200  | 2,380,894.288400 |
| 13 - 14 | 17°14'31"N | 4.87                  | 14           | 520,408.796300  | 2,380,898.944000 |
| 14 - 15 | 40°54'50"N | 3.19                  | 15           | 520,406.709400  | 2,380,901.352000 |
| 15 - 16 | 09°12'42"N | 6.02                  | 16           | 520,405.746100  | 2,380,907.291900 |
| 16 - 17 | 36°52'09"N | 3.21                  | 17           | 520,403.819700  | 2,380,909.860500 |
| 17 - 18 | 12°31'44"N | 5.92                  | 18           | 520,402.535400  | 2,380,915.639800 |
| 18 - 19 | 45°00'00"N | 3.63                  | 19           | 520,399.966800  | 2,380,918.208400 |
| 19 - 20 | 15°56'41"N | 3.51                  | 20           | 520,399.003600  | 2,380,921.579700 |
| 20 - 21 | 11°55'46"N | 11.65                 | 21           | 520,396.595500  | 2,380,932.977900 |
| 21 - 1  | 41°38'03"N | 3.87                  | 1            |                 |                  |

**Zona Núcleo****"Faro Norte"****(Superficie 0-18-80.02 hectáreas)**

Los límites de la zona núcleo Faro norte corresponden a los del polígono 1.

**Polígono 2****(Superficie 0-48-62.16 hectáreas)**

| Est-PV                                                                                                                                                            | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                   |             |                       |              | X               | Y                |
|                                                                                                                                                                   |             |                       | 1            | 520,450.194900  | 2,380,815.504700 |
| 1 - 2                                                                                                                                                             | 84°58'19"NE | 11.69                 | 2            | 520,461.844500  | 2,380,816.529600 |
| A partir de este vértice 2 se continúa por la línea de costa, con un rumbo general Sureste y una distancia aproximada de 200.98 metros hasta llegar al vértice 3. |             |                       |              |                 |                  |
|                                                                                                                                                                   |             |                       | 3            | 520,502.944300  | 2,380,637.026300 |
| 3 - 4                                                                                                                                                             | 42°29'39"S  | 4.11                  | 4            | 520,500.164900  | 2,380,633.992500 |
| 4 - 5                                                                                                                                                             | 62°02'48"S  | 4.92                  | 5            | 520,495.817500  | 2,380,631.685500 |
| 5 - 6                                                                                                                                                             | 82°39'31"S  | 4.20                  | 6            | 520,491.655600  | 2,380,631.149300 |
| 6 - 7                                                                                                                                                             | 22°18'36"N  | 4.47                  | 7            | 520,489.956900  | 2,380,635.289100 |
| 7 - 8                                                                                                                                                             | 42°42'07"N  | 4.21                  | 8            | 520,487.104500  | 2,380,638.380000 |
| 8 - 9                                                                                                                                                             | 05°59'26"N  | 4.00                  | 9            | 520,486.686600  | 2,380,642.362300 |
| 9 - 10                                                                                                                                                            | 77°24'17"S  | 4.28                  | 10           | 520,482.511400  | 2,380,641.429400 |
| 10 - 11                                                                                                                                                           | 86°54'03"N  | 5.43                  | 11           | 520,477.084900  | 2,380,641.723200 |
| 11 - 12                                                                                                                                                           | 08°31'50"NE | 4.06                  | 12           | 520,477.686900  | 2,380,645.736600 |
| 12 - 13                                                                                                                                                           | 10°37'09"N  | 6.53                  | 13           | 520,476.482900  | 2,380,652.158100 |
| 13 - 14                                                                                                                                                           | 31°13'07"N  | 7.74                  | 14           | 520,472.469400  | 2,380,658.780300 |
| 14 - 15                                                                                                                                                           | 23°11'53"N  | 6.11                  | 15           | 520,470.061400  | 2,380,664.399100 |
| 15 - 16                                                                                                                                                           | 16°15'36"N  | 5.02                  | 16           | 520,468.656700  | 2,380,669.215200 |
| 16 - 17                                                                                                                                                           | 51°16'09"NE | 3.70                  | 17           | 520,471.540500  | 2,380,671.528100 |
| 17 - 18                                                                                                                                                           | 23°28'37"N  | 4.64                  | 18           | 520,469.690100  | 2,380,675.788400 |
| 18 - 19                                                                                                                                                           | 66°32'09"N  | 3.47                  | 19           | 520,466.505800  | 2,380,677.170600 |
| 19 - 20                                                                                                                                                           | 67°58'30"S  | 4.84                  | 20           | 520,462.018400  | 2,380,675.355300 |
| 20 - 21                                                                                                                                                           | 49°41'38"N  | 4.14                  | 21           | 520,458.862100  | 2,380,678.032600 |
| 21 - 22                                                                                                                                                           | 08°38'19"N  | 4.32                  | 22           | 520,458.212700  | 2,380,682.307000 |
| 22 - 23                                                                                                                                                           | 07°52'19"NE | 3.83                  | 23           | 520,458.737600  | 2,380,686.103300 |
| 23 - 24                                                                                                                                                           | 28°30'59"N  | 6.69                  | 24           | 520,455.541900  | 2,380,691.985000 |
| 24 - 25                                                                                                                                                           | 09°00'05"N  | 7.27                  | 25           | 520,454.404700  | 2,380,699.163700 |
| 25 - 26                                                                                                                                                           | 18°11'02"N  | 3.91                  | 26           | 520,453.183600  | 2,380,702.881200 |
| 26 - 27                                                                                                                                                           | 10°48'13"N  | 5.08                  | 27           | 520,452.232200  | 2,380,707.866900 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 27 - 28 | 21°54'45"NW | 5.04                  | 28           | 520,450.353000  | 2,380,712.538600 |
| 28 - 29 | 35°02'35"NW | 4.65                  | 29           | 520,447.680300  | 2,380,716.349500 |
| 29 - 30 | 07°01'29"NW | 8.78                  | 30           | 520,446.606500  | 2,380,725.063700 |
| 30 - 31 | 32°06'50"NW | 4.31                  | 31           | 520,444.317800  | 2,380,728.710200 |
| 31 - 32 | 14°40'59"NW | 3.94                  | 32           | 520,443.318200  | 2,380,732.525000 |
| 32 - 33 | 23°00'32"NE | 4.30                  | 33           | 520,444.999100  | 2,380,736.483200 |
| 33 - 34 | 34°49'41"NW | 3.25                  | 34           | 520,443.142500  | 2,380,739.151700 |
| 34 - 35 | 54°39'43"NW | 4.24                  | 35           | 520,439.681600  | 2,380,741.605600 |
| 35 - 36 | 31°03'26"NW | 3.30                  | 36           | 520,437.976700  | 2,380,744.436600 |
| 36 - 37 | 05°22'06"NW | 8.00                  | 37           | 520,437.228400  | 2,380,752.399400 |
| 37 - 38 | 00°30'10"NW | 4.54                  | 38           | 520,437.188500  | 2,380,756.944100 |
| 38 - 39 | 76°07'36"NE | 4.38                  | 39           | 520,441.436200  | 2,380,757.993200 |
| 39 - 40 | 79°27'42"NE | 4.06                  | 40           | 520,445.430700  | 2,380,758.736300 |
| 40 - 41 | 60°55'11"NE | 4.16                  | 41           | 520,449.063800  | 2,380,760.756800 |
| 41 - 42 | 45°21'00"NE | 3.37                  | 42           | 520,451.459600  | 2,380,763.123500 |
| 42 - 43 | 08°15'02"NW | 2.18                  | 43           | 520,451.146400  | 2,380,765.283400 |
| 43 - 44 | 04°28'33"NW | 7.67                  | 44           | 520,450.548000  | 2,380,772.928000 |
| 44 - 45 | 07°05'52"NE | 3.44                  | 45           | 520,450.973100  | 2,380,776.341900 |
| 45 - 46 | 09°55'35"NW | 4.51                  | 46           | 520,450.194900  | 2,380,780.788600 |
| 46 - 47 | 19°05'35"NE | 5.52                  | 47           | 520,452.000900  | 2,380,786.006000 |
| 47 - 48 | 39°17'21"NE | 5.70                  | 48           | 520,455.613000  | 2,380,790.420800 |
| 48 - 49 | 27°24'27"NW | 6.10                  | 49           | 520,452.803600  | 2,380,795.838900 |
| 49 - 50 | 13°23'34"NE | 4.33                  | 50           | 520,453.807000  | 2,380,800.053000 |
| 50 - 51 | 03°00'47"NW | 3.82                  | 51           | 520,453.606300  | 2,380,803.865800 |
| 51 - 52 | 30°34'43"NW | 5.13                  | 52           | 520,450.997600  | 2,380,808.280600 |
| 52 - 53 | 16°55'39"NW | 4.82                  | 53           | 520,449.592900  | 2,380,812.896000 |
| 53 - 1  | 12°59'40"NE | 2.68                  | 1            |                 |                  |

**Zona Núcleo****“Faro Centro”****(Superficie 0-48-62.16 hectáreas)**

Los límites de la zona núcleo Faro Centro corresponden a los del polígono 2.

**Polígono 3****(Superficie 0-98-65.40 hectáreas)**

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|--------------|-----------------|------------------|
|        |             |                       |              | X               | Y                |
|        |             |                       | 1            | 520,487.315800  | 2,380,620.877300 |
| 1 - 2  | 68°11'54"SE | 1.58                  | 2            | 520,488.779300  | 2,380,620.291900 |
| 2 - 3  | 47°43'36"SE | 1.74                  | 3            | 520,490.067200  | 2,380,619.121100 |
| 3 - 4  | 17°48'07"SE | 1.68                  | 4            | 520,490.581100  | 2,380,617.520700 |

A partir de este vértice 4 se continúa por la línea de costa, con un rumbo general Sureste y una distancia aproximada de 488.51 metros hasta llegar al vértice 5.

|         |             |       |    |                |                  |
|---------|-------------|-------|----|----------------|------------------|
|         |             |       | 5  | 520,646.916800 | 2,380,165.918900 |
| 5 - 6   | 20°25'43"SW | 1.81  | 6  | 520,646.286100 | 2,380,164.225600 |
| 6 - 7   | 50°59'56"NW | 4.64  | 7  | 520,642.683400 | 2,380,167.143100 |
| 7 - 8   | 83°15'41"NW | 2.74  | 8  | 520,639.961500 | 2,380,167.464700 |
| 8 - 9   | 75°24'02"SW | 5.02  | 9  | 520,635.102200 | 2,380,166.199000 |
| 9 - 10  | 53°32'25"NW | 9.18  | 10 | 520,627.716700 | 2,380,171.655900 |
| 10 - 11 | 47°17'24"NW | 3.89  | 11 | 520,624.854700 | 2,380,174.297800 |
| 11 - 12 | 30°09'11"NW | 2.97  | 12 | 520,623.365100 | 2,380,176.862000 |
| 12 - 13 | 15°55'18"NW | 2.10  | 13 | 520,622.788600 | 2,380,178.882900 |
| 13 - 14 | 52°46'32"NW | 2.72  | 14 | 520,620.620400 | 2,380,180.530100 |
| 14 - 15 | 27°28'26"NW | 4.34  | 15 | 520,618.617800 | 2,380,184.381300 |
| 15 - 16 | 11°59'27"NW | 17.80 | 16 | 520,614.920700 | 2,380,201.788400 |
| 16 - 17 | 30°34'45"NW | 3.94  | 17 | 520,612.918100 | 2,380,205.177400 |
| 17 - 18 | 01°50'53"NE | 4.78  | 18 | 520,613.072200 | 2,380,209.952800 |
| 18 - 19 | 29°44'45"NW | 3.73  | 19 | 520,611.223600 | 2,380,213.187700 |
| 19 - 20 | 29°34'25"NE | 3.28  | 20 | 520,612.841800 | 2,380,216.039300 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 20 - 21 | 57°15'51"NW | 2.08                  | 21           | 520,611.092300  | 2,380,217.164000 |
| 21 - 22 | 68°09'40"NW | 3.98                  | 22           | 520,607.395300  | 2,380,218.645600 |
| 22 - 23 | 57°59'59"NW | 4.72                  | 23           | 520,603.394000  | 2,380,221.145900 |
| 23 - 24 | 27°58'40"NW | 3.84                  | 24           | 520,601.591100  | 2,380,224.539800 |
| 24 - 25 | 40°31'59"NW | 2.80                  | 25           | 520,599.772000  | 2,380,226.667200 |
| 25 - 26 | 12°40'36"NW | 4.45                  | 26           | 520,598.796500  | 2,380,231.004000 |
| 26 - 27 | 10°11'36"NE | 4.40                  | 27           | 520,599.574600  | 2,380,235.331300 |
| 27 - 28 | 21°19'18"NE | 4.78                  | 28           | 520,601.314300  | 2,380,239.788400 |
| 28 - 29 | 71°59'19"NW | 3.84                  | 29           | 520,597.658600  | 2,380,240.977000 |
| 29 - 30 | 26°55'07"SW | 5.42                  | 30           | 520,595.202900  | 2,380,236.140500 |
| 30 - 31 | 51°34'21"SW | 4.23                  | 31           | 520,591.890700  | 2,380,233.512700 |
| 31 - 32 | 24°32'15"NW | 8.58                  | 32           | 520,588.328200  | 2,380,241.316300 |
| 32 - 33 | 41°25'25"NW | 5.77                  | 33           | 520,584.511200  | 2,380,245.642200 |
| 33 - 34 | 09°00'30"NE | 7.04                  | 34           | 520,585.613900  | 2,380,252.597700 |
| 34 - 35 | 41°28'39"NE | 5.17                  | 35           | 520,589.041100  | 2,380,256.474500 |
| 35 - 36 | 01°10'16"NW | 6.16                  | 36           | 520,588.915100  | 2,380,262.636900 |
| 36 - 37 | 34°11'13"NW | 3.73                  | 37           | 520,586.816900  | 2,380,265.725800 |
| 37 - 38 | 39°18'33"NW | 3.12                  | 38           | 520,584.839600  | 2,380,268.140800 |
| 38 - 39 | 18°53'53"NE | 3.40                  | 39           | 520,585.941900  | 2,380,271.360700 |
| 39 - 40 | 08°43'07"NE | 7.32                  | 40           | 520,587.051600  | 2,380,278.596800 |
| 40 - 41 | 49°53'45"NW | 2.43                  | 41           | 520,585.189800  | 2,380,280.164800 |
| 41 - 42 | 90°00'00"NW | 3.65                  | 42           | 520,581.542400  | 2,380,280.164800 |
| 42 - 43 | 26°33'49"NW | 1.90                  | 43           | 520,580.694200  | 2,380,281.861300 |
| 43 - 44 | 31°47'38"NE | 1.01                  | 44           | 520,581.226800  | 2,380,282.720500 |
| 44 - 45 | 47°05'01"NW | 1.95                  | 45           | 520,579.798400  | 2,380,284.048600 |
| 45 - 46 | 28°22'42"NW | 5.54                  | 46           | 520,577.166700  | 2,380,288.920200 |
| 46 - 47 | 39°39'49"NW | 3.70                  | 47           | 520,574.805700  | 2,380,291.767700 |
| 47 - 48 | 04°07'33"NW | 3.40                  | 48           | 520,574.561000  | 2,380,295.159900 |
| 48 - 49 | 78°55'52"SW | 2.51                  | 49           | 520,572.096100  | 2,380,294.677700 |
| 49 - 50 | 30°39'01"NW | 4.83                  | 50           | 520,569.631400  | 2,380,298.836900 |
| 50 - 51 | 26°37'11"NW | 5.38                  | 51           | 520,567.219600  | 2,380,303.649000 |
| 51 - 52 | 18°55'14"NW | 7.29                  | 52           | 520,564.856000  | 2,380,310.544400 |
| 52 - 53 | 84°09'37"NW | 6.11                  | 53           | 520,558.782200  | 2,380,311.165600 |
| 53 - 54 | 65°38'12"SW | 4.49                  | 54           | 520,554.689000  | 2,380,309.312000 |
| 54 - 55 | 21°15'01"NW | 2.98                  | 55           | 520,553.610700  | 2,380,312.084800 |
| 55 - 56 | 18°26'07"NE | 3.90                  | 56           | 520,554.843100  | 2,380,315.781900 |
| 56 - 57 | 00°00'00"NE | 2.77                  | 57           | 520,554.843100  | 2,380,318.554700 |
| 57 - 58 | 41°11'08"NE | 3.28                  | 58           | 520,556.999700  | 2,380,321.019400 |
| 58 - 59 | 08°31'47"NW | 3.12                  | 59           | 520,556.537600  | 2,380,324.100400 |
| 59 - 60 | 85°06'00"SW | 5.41                  | 60           | 520,551.146000  | 2,380,323.638200 |
| 60 - 61 | 11°41'23"NW | 4.56                  | 61           | 520,550.221700  | 2,380,328.105500 |
| 61 - 62 | 32°48'54"NW | 4.58                  | 62           | 520,547.741300  | 2,380,331.952100 |
| 62 - 63 | 62°23'58"NW | 4.73                  | 63           | 520,543.548100  | 2,380,334.144300 |
| 63 - 64 | 85°06'00"SW | 3.97                  | 64           | 520,539.592600  | 2,380,333.805200 |
| 64 - 65 | 30°34'45"NW | 3.94                  | 65           | 520,537.590000  | 2,380,337.194200 |
| 65 - 66 | 78°59'47"SW | 5.65                  | 66           | 520,532.044400  | 2,380,336.115900 |
| 66 - 67 | 72°28'26"NW | 3.07                  | 67           | 520,529.117500  | 2,380,337.040200 |
| 67 - 68 | 09°27'44"NW | 10.31                 | 68           | 520,527.423000  | 2,380,347.207100 |
| 68 - 69 | 29°36'15"NE | 7.80                  | 69           | 520,531.274100  | 2,380,353.985100 |
| 69 - 70 | 37°11'03"NE | 5.61                  | 70           | 520,534.663100  | 2,380,358.452500 |
| 70 - 71 | 12°05'28"NW | 3.81                  | 71           | 520,533.865100  | 2,380,362.177600 |
| 71 - 72 | 32°48'43"NW | 3.40                  | 72           | 520,532.025100  | 2,380,365.031400 |
| 72 - 73 | 08°27'31"NW | 4.10                  | 73           | 520,531.421300  | 2,380,369.091500 |
| 73 - 74 | 11°26'00"NW | 4.11                  | 74           | 520,530.605700  | 2,380,373.124300 |
| 74 - 75 | 06°38'48"NW | 4.81                  | 75           | 520,530.048900  | 2,380,377.902400 |
| 75 - 76 | 01°05'03"NE | 4.27                  | 76           | 520,530.129700  | 2,380,382.171400 |
| 76 - 77 | 31°28'05"NW | 14.15                 | 77           | 520,522.744600  | 2,380,394.237800 |
| 77 - 78 | 39°57'04"NW | 4.74                  | 78           | 520,519.701400  | 2,380,397.870800 |
| 78 - 79 | 35°53'12"NW | 4.44                  | 79           | 520,517.097700  | 2,380,401.469400 |
| 79 - 80 | 09°00'04"NW | 4.74                  | 80           | 520,516.356100  | 2,380,406.151000 |
| 80 - 81 | 58°47'04"NE | 4.73                  | 81           | 520,520.404500  | 2,380,408.604300 |
| 81 - 82 | 04°54'11"NW | 3.35                  | 82           | 520,520.118500  | 2,380,411.938200 |

| Est-PV    | Rumbo      | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|------------|-----------------------|--------------|-----------------|------------------|
|           |            |                       |              | X               | Y                |
| 82 - 83   | 03°31'11"N | 3.80                  | 83           | 520,520.351800  | 2,380,415.730900 |
| 83 - 84   | 25°58'26"N | 3.58                  | 84           | 520,518.783600  | 2,380,418.949900 |
| 84 - 85   | 20°35'24"N | 11.23                 | 85           | 520,514.835800  | 2,380,429.458400 |
| 85 - 86   | 24°34'41"N | 4.68                  | 86           | 520,512.889400  | 2,380,433.714000 |
| 86 - 87   | 16°44'25"N | 4.07                  | 87           | 520,511.717600  | 2,380,437.609800 |
| 87 - 88   | 06°07'18"N | 2.70                  | 88           | 520,511.430100  | 2,380,440.290400 |
| 88 - 89   | 31°21'55"N | 5.25                  | 89           | 520,508.698900  | 2,380,444.770900 |
| 89 - 90   | 14°13'46"N | 3.79                  | 90           | 520,507.767300  | 2,380,448.444600 |
| 90 - 91   | 18°24'12"N | 6.27                  | 91           | 520,505.787900  | 2,380,454.393700 |
| 91 - 92   | 06°48'32"E | 4.15                  | 92           | 520,506.279500  | 2,380,458.510800 |
| 92 - 93   | 04°10'27"N | 3.41                  | 93           | 520,506.031600  | 2,380,461.907400 |
| 93 - 94   | 16°21'50"N | 5.76                  | 94           | 520,504.408800  | 2,380,467.434000 |
| 94 - 95   | 43°18'03"N | 3.27                  | 95           | 520,502.163200  | 2,380,469.816900 |
| 95 - 96   | 16°31'28"N | 3.36                  | 96           | 520,501.208000  | 2,380,473.036500 |
| 96 - 97   | 04°48'41"E | 3.30                  | 97           | 520,501.485100  | 2,380,476.328400 |
| 97 - 98   | 18°54'16"E | 2.91                  | 98           | 520,502.428600  | 2,380,479.083400 |
| 98 - 99   | 30°14'40"N | 1.96                  | 99           | 520,501.443700  | 2,380,480.772600 |
| 99 - 100  | 07°22'55"N | 1.35                  | 100          | 520,501.270700  | 2,380,482.107900 |
| 100 - 101 | 04°44'38"E | 2.42                  | 101          | 520,501.470500  | 2,380,484.515500 |
| 101 - 102 | 57°00'48"N | 2.01                  | 102          | 520,499.782400  | 2,380,485.611200 |
| 102 - 103 | 86°06'00"N | 4.09                  | 103          | 520,495.697000  | 2,380,485.889700 |
| 103 - 104 | 67°40'01"N | 4.37                  | 104          | 520,491.651500  | 2,380,487.551600 |
| 104 - 105 | 38°45'28"N | 4.26                  | 105          | 520,488.982300  | 2,380,490.876400 |
| 105 - 106 | 10°18'15"E | 3.96                  | 106          | 520,489.691000  | 2,380,494.774500 |
| 106 - 107 | 29°47'15"E | 4.20                  | 107          | 520,491.775700  | 2,380,498.416400 |
| 107 - 108 | 11°00'34"N | 8.86                  | 108          | 520,490.083200  | 2,380,507.115700 |
| 108 - 109 | 04°28'55"E | 4.36                  | 109          | 520,490.424300  | 2,380,511.467100 |
| 109 - 110 | 14°00'02"N | 8.92                  | 110          | 520,488.265800  | 2,380,520.123900 |
| 110 - 111 | 49°58'51"E | 4.31                  | 111          | 520,491.567100  | 2,380,522.895900 |
| 111 - 112 | 38°40'56"E | 3.16                  | 112          | 520,493.539900  | 2,380,525.359900 |
| 112 - 113 | 19°35'53"N | 3.02                  | 113          | 520,492.526300  | 2,380,528.206700 |
| 113 - 114 | 35°15'55"N | 1.49                  | 114          | 520,491.664800  | 2,380,529.425000 |
| 114 - 115 | 10°59'06"N | 2.92                  | 115          | 520,491.107500  | 2,380,532.296000 |
| 115 - 116 | 17°31'16"E | 2.54                  | 116          | 520,491.871700  | 2,380,534.716600 |
| 116 - 117 | 05°59'05"N | 3.68                  | 117          | 520,491.488200  | 2,380,538.374700 |
| 117 - 118 | 07°17'44"E | 2.65                  | 118          | 520,491.824500  | 2,380,541.001500 |
| 118 - 119 | 48°34'26"N | 1.58                  | 119          | 520,490.636300  | 2,380,542.050000 |
| 119 - 120 | 79°14'11"S | 0.96                  | 120          | 520,489.696800  | 2,380,541.871400 |
| 120 - 121 | 37°24'03"N | 1.19                  | 121          | 520,488.976100  | 2,380,542.814000 |
| 121 - 122 | 30°08'44"N | 2.96                  | 122          | 520,487.487700  | 2,380,545.376900 |
| 122 - 123 | 06°32'16"N | 4.42                  | 123          | 520,486.984700  | 2,380,549.765800 |
| 123 - 124 | 11°24'33"N | 3.58                  | 124          | 520,486.277200  | 2,380,553.271700 |
| 124 - 125 | 69°35'01"N | 1.46                  | 125          | 520,484.906500  | 2,380,553.781900 |
| 125 - 126 | 06°00'33"N | 2.94                  | 126          | 520,484.598400  | 2,380,556.708700 |
| 126 - 127 | 14°44'34"N | 3.03                  | 127          | 520,483.828200  | 2,380,559.635600 |
| 127 - 128 | 04°25'31"E | 3.73                  | 128          | 520,484.116300  | 2,380,563.358300 |
| 128 - 129 | 59°34'35"N | 1.76                  | 129          | 520,482.598200  | 2,380,564.249800 |
| 129 - 130 | 38°37'32"N | 2.89                  | 130          | 520,480.793200  | 2,380,566.508800 |
| 130 - 131 | 31°33'25"N | 3.29                  | 131          | 520,479.072600  | 2,380,569.310300 |
| 131 - 132 | 00°37'41"E | 3.48                  | 132          | 520,479.110800  | 2,380,572.794300 |
| 132 - 133 | 11°09'29"E | 5.27                  | 133          | 520,480.131100  | 2,380,577.967000 |
| 133 - 134 | 05°11'38"N | 5.10                  | 134          | 520,479.669000  | 2,380,583.050500 |
| 134 - 135 | 12°15'52"E | 3.63                  | 135          | 520,480.439200  | 2,380,586.593500 |
| 135 - 136 | 05°11'40"N | 3.40                  | 136          | 520,480.131100  | 2,380,589.982500 |
| 136 - 137 | 09°46'55"N | 4.53                  | 137          | 520,479.360900  | 2,380,594.449800 |
| 137 - 138 | 14°02'11"N | 6.35                  | 138          | 520,477.820400  | 2,380,600.611700 |
| 138 - 139 | 36°52'12"N | 3.85                  | 139          | 520,475.509700  | 2,380,603.692600 |
| 139 - 140 | 06°00'33"N | 2.94                  | 140          | 520,475.201600  | 2,380,606.619400 |
| 140 - 141 | 29°57'16"E | 4.25                  | 141          | 520,477.322200  | 2,380,610.299100 |
| 141 - 142 | 14°24'40"E | 4.24                  | 142          | 520,478.378400  | 2,380,614.409400 |
| 142 - 143 | 37°36'21"E | 4.26                  | 143          | 520,480.976900  | 2,380,617.782900 |
| 143 - 144 | 56°21'50"E | 4.05                  | 144          | 520,484.351900  | 2,380,620.028300 |
| 144 - 1   | 74°00'56"E | 3.08                  | 1            |                 |                  |

Zona Núcleo

**"Faro Sur"****(Superficie 0-98-65.40 hectáreas)**

Los límites de la zona núcleo Faro Sur corresponden a los del polígono 3.

**Polígono 4****(Superficie 5-73-63.20 hectáreas)**

| Est-PV                                                                                                                                                           | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                  |             |                       |              | X               | Y                |
|                                                                                                                                                                  |             |                       | 1            | 520,814.056400  | 2,379,632.411900 |
| 1 - 2                                                                                                                                                            | 49°23'18"NE | 3.38                  | 2            | 520,816.621900  | 2,379,634.611700 |
| 2 - 3                                                                                                                                                            | 76°41'49"NE | 2.19                  | 3            | 520,818.748400  | 2,379,635.114500 |
| A partir de este vértice 3 se continúa por la línea de costa, con un rumbo general Sureste y una distancia aproximada de 1,950 metros hasta llegar al vértice 4. |             |                       |              |                 |                  |
|                                                                                                                                                                  |             |                       | 4            | 521,231.950900  | 2,377,765.167200 |
| 4 - 5                                                                                                                                                            | 54°17'36"SW | 10.81                 | 5            | 521,223.170300  | 2,377,758.856200 |
| 5 - 6                                                                                                                                                            | 65°53'52"NW | 11.42                 | 6            | 521,212.743500  | 2,377,763.520800 |
| 6 - 7                                                                                                                                                            | 34°30'30"NW | 10.66                 | 7            | 521,206.706900  | 2,377,772.301300 |
| 7 - 8                                                                                                                                                            | 39°59'13"NW | 11.10                 | 8            | 521,199.572700  | 2,377,780.807400 |
| 8 - 9                                                                                                                                                            | 05°50'43"NW | 9.64                  | 9            | 521,198.590900  | 2,377,790.397400 |
| 9 - 10                                                                                                                                                           | 14°02'07"NW | 5.30                  | 10           | 521,197.304800  | 2,377,795.542100 |
| 10 - 11                                                                                                                                                          | 29°03'16"NW | 4.97                  | 11           | 521,194.893200  | 2,377,799.883000 |
| 11 - 12                                                                                                                                                          | 35°32'16"NW | 4.15                  | 12           | 521,192.481600  | 2,377,803.259200 |
| 12 - 13                                                                                                                                                          | 40°36'06"NW | 2.96                  | 13           | 521,190.552300  | 2,377,805.510000 |
| 13 - 14                                                                                                                                                          | 46°38'12"NW | 3.98                  | 14           | 521,187.658400  | 2,377,808.243100 |
| 14 - 15                                                                                                                                                          | 06°06'54"NW | 4.53                  | 15           | 521,187.176100  | 2,377,812.744800 |
| 15 - 16                                                                                                                                                          | 07°29'46"NE | 6.16                  | 16           | 521,187.980000  | 2,377,818.854100 |
| 16 - 17                                                                                                                                                          | 60°15'16"NW | 2.59                  | 17           | 521,185.729200  | 2,377,820.140300 |
| 17 - 18                                                                                                                                                          | 78°41'25"NW | 2.46                  | 18           | 521,183.317600  | 2,377,820.622600 |
| 18 - 19                                                                                                                                                          | 18°26'07"NW | 4.58                  | 19           | 521,181.870600  | 2,377,824.963500 |
| 19 - 20                                                                                                                                                          | 16°30'17"NE | 4.53                  | 20           | 521,183.156800  | 2,377,829.304300 |
| 20 - 21                                                                                                                                                          | 14°37'12"NW | 3.82                  | 21           | 521,182.192200  | 2,377,833.002100 |
| 21 - 22                                                                                                                                                          | 06°39'59"NE | 12.46                 | 22           | 521,183.639100  | 2,377,845.381500 |
| 22 - 23                                                                                                                                                          | 12°52'30"NW | 5.77                  | 23           | 521,182.352900  | 2,377,851.008600 |
| 23 - 24                                                                                                                                                          | 00°00'00"NE | 3.54                  | 24           | 521,182.352900  | 2,377,854.545600 |
| 24 - 25                                                                                                                                                          | 18°53'09"NW | 6.46                  | 25           | 521,180.262900  | 2,377,860.654900 |
| 25 - 26                                                                                                                                                          | 19°47'56"NW | 8.54                  | 26           | 521,177.369000  | 2,377,868.693500 |
| 26 - 27                                                                                                                                                          | 28°18'02"NW | 11.87                 | 27           | 521,171.742000  | 2,377,879.143700 |
| 27 - 28                                                                                                                                                          | 25°54'25"NW | 6.26                  | 28           | 521,169.008800  | 2,377,884.770700 |
| 28 - 29                                                                                                                                                          | 20°55'26"NW | 5.85                  | 29           | 521,166.918800  | 2,377,890.237000 |
| 29 - 30                                                                                                                                                          | 07°45'53"NW | 7.14                  | 30           | 521,165.954200  | 2,377,897.311000 |
| 30 - 31                                                                                                                                                          | 41°38'03"NW | 5.81                  | 31           | 521,162.095600  | 2,377,901.651800 |
| 31 - 32                                                                                                                                                          | 28°48'37"NW | 3.67                  | 32           | 521,160.327100  | 2,377,904.867300 |
| 32 - 33                                                                                                                                                          | 24°08'42"NW | 5.11                  | 33           | 521,158.237100  | 2,377,909.529700 |
| 33 - 34                                                                                                                                                          | 46°16'23"NW | 5.12                  | 34           | 521,154.539300  | 2,377,913.066700 |
| 34 - 35                                                                                                                                                          | 38°22'01"NW | 4.92                  | 35           | 521,151.484700  | 2,377,916.925200 |
| 35 - 36                                                                                                                                                          | 14°25'16"NW | 5.81                  | 36           | 521,150.037700  | 2,377,922.552200 |
| 36 - 37                                                                                                                                                          | 05°33'12"NE | 4.57                  | 37           | 521,150.479800  | 2,377,927.099100 |
| 37 - 38                                                                                                                                                          | 36°08'37"NW | 2.93                  | 38           | 521,148.751500  | 2,377,929.465400 |
| 38 - 39                                                                                                                                                          | 20°13'28"NW | 3.26                  | 39           | 521,147.626100  | 2,377,932.520100 |
| 39 - 40                                                                                                                                                          | 01°19'56"NE | 6.92                  | 40           | 521,147.786900  | 2,377,939.433300 |
| 40 - 41                                                                                                                                                          | 06°26'29"NW | 10.03                 | 41           | 521,146.661500  | 2,377,949.401200 |
| 41 - 42                                                                                                                                                          | 16°23'22"NW | 5.70                  | 42           | 521,145.053800  | 2,377,954.867400 |
| 42 - 43                                                                                                                                                          | 01°50'52"NW | 4.99                  | 43           | 521,144.893000  | 2,377,959.851400 |
| 43 - 44                                                                                                                                                          | 13°08'02"NE | 4.95                  | 44           | 521,146.018400  | 2,377,964.674500 |
| 44 - 45                                                                                                                                                          | 38°22'02"NE | 4.92                  | 45           | 521,149.073100  | 2,377,968.533100 |
| 45 - 46                                                                                                                                                          | 75°31'45"SE | 5.15                  | 46           | 521,154.057000  | 2,377,967.246900 |
| 46 - 47                                                                                                                                                          | 35°03'02"NE | 3.46                  | 47           | 521,156.045400  | 2,377,970.081300 |
| 47 - 48                                                                                                                                                          | 25°37'02"NW | 3.98                  | 48           | 521,154.323300  | 2,377,973.672800 |
| 48 - 49                                                                                                                                                          | 08°47'07"NW | 3.56                  | 49           | 521,153.780000  | 2,377,977.188200 |
| 49 - 50                                                                                                                                                          | 17°52'47"NE | 4.81                  | 50           | 521,155.256100  | 2,377,981.763800 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 50 - 51   | 12°44'55"NW | 3.25                  | 51           | 521,154.539300  | 2,377,984.931900 |
| 51 - 52   | 00°00'00"NE | 4.34                  | 52           | 521,154.539300  | 2,377,989.272700 |
| 52 - 53   | 12°59'38"NW | 4.29                  | 53           | 521,153.574700  | 2,377,993.452800 |
| 53 - 54   | 23°44'58"NW | 8.78                  | 54           | 521,150.037700  | 2,378,001.491400 |
| 54 - 55   | 07°21'09"NW | 5.03                  | 55           | 521,149.394600  | 2,378,006.475300 |
| 55 - 56   | 19°51'17"NW | 6.15                  | 56           | 521,147.304600  | 2,378,012.263100 |
| 56 - 57   | 29°03'16"NW | 4.97                  | 57           | 521,144.893000  | 2,378,016.604000 |
| 57 - 58   | 09°46'58"NW | 4.73                  | 58           | 521,144.089100  | 2,378,021.266400 |
| 58 - 59   | 03°13'14"NE | 3.13                  | 59           | 521,144.265200  | 2,378,024.396000 |
| 59 - 60   | 88°09'54"NW | 1.83                  | 60           | 521,142.432800  | 2,378,024.454700 |
| 60 - 61   | 82°42'52"SW | 2.82                  | 61           | 521,139.630900  | 2,378,024.096500 |
| 61 - 62   | 73°04'08"NW | 2.18                  | 62           | 521,137.545900  | 2,378,024.731200 |
| 62 - 63   | 86°06'40"NW | 9.48                  | 63           | 521,128.086700  | 2,378,025.374200 |
| 63 - 64   | 38°16'07"NE | 9.10                  | 64           | 521,133.722700  | 2,378,032.518600 |
| 64 - 65   | 22°20'40"NW | 7.24                  | 65           | 521,130.971900  | 2,378,039.210900 |
| 65 - 66   | 16°22'18"NE | 2.15                  | 66           | 521,131.578700  | 2,378,041.276400 |
| 66 - 67   | 28°25'27"NW | 3.19                  | 67           | 521,130.059200  | 2,378,044.083800 |
| 67 - 68   | 11°18'35"NE | 1.32                  | 68           | 521,130.318800  | 2,378,045.381800 |
| 68 - 69   | 80°53'13"SW | 3.50                  | 69           | 521,126.867500  | 2,378,044.828200 |
| 69 - 70   | 36°43'37"SW | 2.47                  | 70           | 521,125.393100  | 2,378,042.852100 |
| 70 - 71   | 12°18'43"SW | 4.04                  | 71           | 521,124.531000  | 2,378,038.902200 |
| 71 - 72   | 63°41'41"SW | 4.50                  | 72           | 521,120.493100  | 2,378,036.906100 |
| 72 - 73   | 64°46'03"NW | 5.42                  | 73           | 521,115.594700  | 2,378,039.214500 |
| 73 - 74   | 31°40'54"NW | 5.44                  | 74           | 521,112.736800  | 2,378,043.845100 |
| 74 - 75   | 00°45'02"NE | 6.70                  | 75           | 521,112.824600  | 2,378,050.546900 |
| 75 - 76   | 02°15'32"NW | 5.17                  | 76           | 521,112.621000  | 2,378,055.708200 |
| 76 - 77   | 24°11'53"NE | 6.92                  | 77           | 521,115.458100  | 2,378,062.021600 |
| 77 - 78   | 15°36'58"NE | 6.23                  | 78           | 521,117.136500  | 2,378,068.026400 |
| 78 - 79   | 12°38'54"NW | 12.54                 | 79           | 521,114.391300  | 2,378,080.259100 |
| 79 - 80   | 28°24'19"NE | 5.31                  | 80           | 521,116.918600  | 2,378,084.932200 |
| 80 - 81   | 08°07'49"NE | 4.55                  | 81           | 521,117.561700  | 2,378,089.433800 |
| 81 - 82   | 25°12'06"NW | 3.02                  | 82           | 521,116.275500  | 2,378,092.166900 |
| 82 - 83   | 03°56'45"NE | 4.67                  | 83           | 521,116.597100  | 2,378,096.829300 |
| 83 - 84   | 00°58'16"NW | 9.49                  | 84           | 521,116.436300  | 2,378,106.314900 |
| 84 - 85   | 08°44'48"NE | 6.34                  | 85           | 521,117.401000  | 2,378,112.585000 |
| 85 - 86   | 26°33'57"NW | 3.24                  | 86           | 521,115.954000  | 2,378,115.478900 |
| 86 - 87   | 67°37'11"NW | 2.96                  | 87           | 521,113.220900  | 2,378,116.604300 |
| 87 - 88   | 39°17'25"NW | 2.29                  | 88           | 521,111.773900  | 2,378,118.372800 |
| 88 - 89   | 17°49'06"NW | 4.73                  | 89           | 521,110.327000  | 2,378,122.874400 |
| 89 - 90   | 35°13'02"NW | 3.35                  | 90           | 521,108.397700  | 2,378,125.607600 |
| 90 - 91   | 43°05'27"NW | 6.82                  | 91           | 521,103.735300  | 2,378,130.591500 |
| 91 - 92   | 62°18'02"NW | 7.26                  | 92           | 521,097.304400  | 2,378,133.967700 |
| 92 - 93   | 42°08'16"NW | 4.55                  | 93           | 521,094.249700  | 2,378,137.343900 |
| 93 - 94   | 53°58'17"NW | 4.37                  | 94           | 521,090.712800  | 2,378,139.916300 |
| 94 - 95   | 09°49'10"NW | 8.48                  | 95           | 521,089.265800  | 2,378,148.276500 |
| 95 - 96   | 07°16'29"NE | 7.62                  | 96           | 521,090.230400  | 2,378,155.832800 |
| 96 - 97   | 40°36'06"NE | 5.93                  | 97           | 521,094.089000  | 2,378,160.334400 |
| 97 - 98   | 58°55'47"NE | 3.90                  | 98           | 521,097.428600  | 2,378,162.346600 |
| 98 - 99   | 29°07'19"NW | 5.91                  | 99           | 521,094.553600  | 2,378,167.507300 |
| 99 - 100  | 38°49'55"NW | 6.31                  | 100          | 521,090.594400  | 2,378,172.425900 |
| 100 - 101 | 25°56'29"NW | 6.29                  | 101          | 521,087.844200  | 2,378,178.079300 |
| 101 - 102 | 22°09'52"NW | 6.34                  | 102          | 521,085.452100  | 2,378,183.951300 |
| 102 - 103 | 01°29'08"NW | 7.74                  | 103          | 521,085.251400  | 2,378,191.689900 |
| 103 - 104 | 41°55'02"NW | 4.10                  | 104          | 521,082.513400  | 2,378,194.739600 |
| 104 - 105 | 14°52'41"NW | 5.57                  | 105          | 521,081.084200  | 2,378,200.119200 |
| 105 - 106 | 20°09'22"NW | 5.94                  | 106          | 521,079.038200  | 2,378,205.693200 |
| 106 - 107 | 16°22'57"NW | 5.89                  | 107          | 521,077.378100  | 2,378,211.340100 |
| 107 - 108 | 04°51'26"NW | 5.86                  | 108          | 521,076.881600  | 2,378,217.182700 |
| 108 - 109 | 24°51'41"NW | 5.12                  | 109          | 521,074.730700  | 2,378,221.824600 |
| 109 - 110 | 34°42'38"NW | 4.82                  | 110          | 521,071.987500  | 2,378,225.784700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 110 - 111 | 06°45'42"NW | 4.19                  | 111          | 521,071.494300  | 2,378,229.944300 |
| 111 - 112 | 12°10'41"NW | 5.33                  | 112          | 521,070.369600  | 2,378,235.155800 |
| 112 - 113 | 06°21'21"NW | 2.38                  | 113          | 521,070.105600  | 2,378,237.525900 |
| 113 - 114 | 13°36'00"NW | 0.95                  | 114          | 521,069.882300  | 2,378,238.448900 |
| 114 - 115 | 30°39'21"NW | 0.77                  | 115          | 521,069.491700  | 2,378,239.107900 |
| 115 - 116 | 07°04'20"NW | 0.78                  | 116          | 521,069.395400  | 2,378,239.884100 |
| 116 - 117 | 27°06'32"NW | 10.93                 | 117          | 521,064.413400  | 2,378,249.616000 |
| 117 - 118 | 22°34'52"NW | 6.04                  | 118          | 521,062.095300  | 2,378,255.190000 |
| 118 - 119 | 14°25'16"NW | 5.81                  | 119          | 521,060.648300  | 2,378,260.817000 |
| 119 - 120 | 04°41'07"NW | 9.84                  | 120          | 521,059.844500  | 2,378,270.624100 |
| 120 - 121 | 11°46'01"NE | 3.94                  | 121          | 521,060.648300  | 2,378,274.482700 |
| 121 - 122 | 43°04'45"NE | 4.15                  | 122          | 521,063.481100  | 2,378,277.512100 |
| 122 - 123 | 18°20'38"NW | 6.43                  | 123          | 521,061.456600  | 2,378,283.617900 |
| 123 - 124 | 02°16'20"NW | 5.65                  | 124          | 521,061.232700  | 2,378,289.260200 |
| 124 - 125 | 27°38'20"NW | 5.94                  | 125          | 521,058.478700  | 2,378,294.519400 |
| 125 - 126 | 19°45'26"NW | 6.06                  | 126          | 521,056.430000  | 2,378,300.223200 |
| 126 - 127 | 10°39'02"NW | 5.53                  | 127          | 521,055.408000  | 2,378,305.657600 |
| 127 - 128 | 05°56'42"NW | 5.56                  | 128          | 521,054.832000  | 2,378,311.188700 |
| 128 - 129 | 08°23'14"NW | 5.63                  | 129          | 521,054.010900  | 2,378,316.757600 |
| 129 - 130 | 19°56'11"NW | 5.74                  | 130          | 521,052.053400  | 2,378,322.154400 |
| 130 - 131 | 31°28'11"NW | 5.84                  | 131          | 521,049.004400  | 2,378,327.135800 |
| 131 - 132 | 37°59'36"NW | 5.94                  | 132          | 521,045.345800  | 2,378,331.819700 |
| 132 - 133 | 27°36'36"NW | 6.21                  | 133          | 521,042.469400  | 2,378,337.319400 |
| 133 - 134 | 15°48'24"NW | 6.19                  | 134          | 521,040.783500  | 2,378,343.274500 |
| 134 - 135 | 35°41'17"NW | 5.89                  | 135          | 521,037.349200  | 2,378,348.055900 |
| 135 - 136 | 04°17'31"NE | 7.60                  | 136          | 521,037.918000  | 2,378,355.634600 |
| 136 - 137 | 12°07'54"NW | 5.62                  | 137          | 521,036.736100  | 2,378,361.132800 |
| 137 - 138 | 35°05'10"NW | 5.71                  | 138          | 521,033.454800  | 2,378,365.804000 |
| 138 - 139 | 01°43'37"NW | 12.33                 | 139          | 521,033.083200  | 2,378,378.127300 |
| 139 - 140 | 17°41'45"NW | 4.39                  | 140          | 521,031.748300  | 2,378,382.311100 |
| 140 - 141 | 32°30'41"NW | 6.14                  | 141          | 521,028.446700  | 2,378,387.491300 |
| 141 - 142 | 51°21'58"NW | 7.77                  | 142          | 521,022.373400  | 2,378,392.345400 |
| 142 - 143 | 01°14'09"NE | 5.06                  | 143          | 521,022.482600  | 2,378,397.406400 |
| 143 - 144 | 35°35'21"NW | 6.85                  | 144          | 521,018.498500  | 2,378,402.973500 |
| 144 - 145 | 22°16'43"NW | 6.91                  | 145          | 521,015.878400  | 2,378,409.368700 |
| 145 - 146 | 30°32'54"NW | 5.23                  | 146          | 521,013.220500  | 2,378,413.872200 |
| 146 - 147 | 41°00'30"NW | 4.90                  | 147          | 521,010.005100  | 2,378,417.570000 |
| 147 - 148 | 09°27'44"NW | 6.85                  | 148          | 521,008.879700  | 2,378,424.322400 |
| 148 - 149 | 03°00'44"NE | 6.12                  | 149          | 521,009.201200  | 2,378,430.431800 |
| 149 - 150 | 19°39'14"NW | 7.17                  | 150          | 521,006.789600  | 2,378,437.184200 |
| 150 - 151 | 08°58'23"NE | 6.18                  | 151          | 521,007.754300  | 2,378,443.293500 |
| 151 - 152 | 14°44'35"NE | 6.32                  | 152          | 521,009.362000  | 2,378,449.402900 |
| 152 - 153 | 14°55'53"NW | 4.99                  | 153          | 521,008.075800  | 2,378,454.226100 |
| 153 - 154 | 08°07'49"NW | 4.55                  | 154          | 521,007.432700  | 2,378,458.727700 |
| 154 - 155 | 23°17'09"NW | 13.83                 | 155          | 521,001.966500  | 2,378,471.428700 |
| 155 - 156 | 14°13'01"NW | 6.61                  | 156          | 521,000.342500  | 2,378,477.838600 |
| 156 - 157 | 00°13'41"NE | 5.65                  | 157          | 521,000.365000  | 2,378,483.485300 |
| 157 - 158 | 05°07'16"NE | 6.28                  | 158          | 521,000.925400  | 2,378,489.738400 |
| 158 - 159 | 00°00'23"NW | 10.70                 | 159          | 521,000.924200  | 2,378,500.435100 |
| 159 - 160 | 22°34'42"NW | 11.94                 | 160          | 520,996.339400  | 2,378,511.461000 |
| 160 - 161 | 01°51'45"NE | 19.79                 | 161          | 520,996.982500  | 2,378,531.236000 |
| 161 - 162 | 11°06'18"NE | 4.93                  | 162          | 520,997.932200  | 2,378,536.074400 |
| 162 - 163 | 18°06'07"NW | 4.07                  | 163          | 520,996.669100  | 2,378,539.938400 |
| 163 - 164 | 06°14'13"NW | 6.31                  | 164          | 520,995.983300  | 2,378,546.213500 |
| 164 - 165 | 11°43'52"NW | 10.25                 | 165          | 520,993.898500  | 2,378,556.253000 |
| 165 - 166 | 03°23'03"NE | 7.52                  | 166          | 520,994.342200  | 2,378,563.756000 |
| 166 - 167 | 26°32'09"NW | 12.09                 | 167          | 520,988.939700  | 2,378,574.574700 |
| 167 - 168 | 52°05'06"NW | 15.31                 | 168          | 520,976.857500  | 2,378,583.985500 |
| 168 - 169 | 80°42'40"NW | 5.56                  | 169          | 520,971.368200  | 2,378,584.883300 |
| 169 - 170 | 84°47'29"NW | 5.32                  | 170          | 520,966.071900  | 2,378,585.366100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 170 - 171 | 02°51'24"NE | 9.32                  | 171          | 520,966.536400  | 2,378,594.674700 |
| 171 - 172 | 18°31'06"NE | 7.95                  | 172          | 520,969.061100  | 2,378,602.212200 |
| 172 - 173 | 31°08'11"NE | 6.29                  | 173          | 520,972.311100  | 2,378,607.592000 |
| 173 - 174 | 19°57'15"NE | 6.39                  | 174          | 520,974.491200  | 2,378,613.596700 |
| 174 - 175 | 77°54'37"NE | 6.24                  | 175          | 520,980.593700  | 2,378,614.903800 |
| 175 - 176 | 87°36'09"NE | 6.43                  | 176          | 520,987.016800  | 2,378,615.172700 |
| 176 - 177 | 09°50'16"NE | 7.26                  | 177          | 520,988.257200  | 2,378,622.325700 |
| 177 - 178 | 30°29'30"NW | 6.05                  | 178          | 520,985.186400  | 2,378,627.540600 |
| 178 - 179 | 12°43'50"NW | 6.71                  | 179          | 520,983.707800  | 2,378,634.085300 |
| 179 - 180 | 19°19'54"NW | 12.31                 | 180          | 520,979.632000  | 2,378,645.703200 |
| 180 - 181 | 17°53'35"NW | 6.24                  | 181          | 520,977.716200  | 2,378,651.637000 |
| 181 - 182 | 10°18'52"NW | 6.74                  | 182          | 520,976.510100  | 2,378,658.264100 |
| 182 - 183 | 15°33'38"NW | 12.42                 | 183          | 520,973.177200  | 2,378,670.232900 |
| 183 - 184 | 00°11'11"NW | 4.55                  | 184          | 520,973.162400  | 2,378,674.778100 |
| 184 - 185 | 05°17'47"NE | 4.69                  | 185          | 520,973.595700  | 2,378,679.451900 |
| 185 - 186 | 39°44'10"NE | 4.82                  | 186          | 520,976.679700  | 2,378,683.161800 |
| 186 - 187 | 02°49'22"NE | 4.19                  | 187          | 520,976.886000  | 2,378,687.345800 |
| 187 - 188 | 30°04'06"NE | 3.53                  | 188          | 520,978.654500  | 2,378,690.400500 |
| 188 - 189 | 08°44'42"NE | 2.11                  | 189          | 520,978.976000  | 2,378,692.490500 |
| 189 - 190 | 18°26'00"NW | 2.54                  | 190          | 520,978.172200  | 2,378,694.902100 |
| 190 - 191 | 43°15'54"NW | 3.75                  | 191          | 520,975.599800  | 2,378,697.635200 |
| 191 - 192 | 32°37'05"NW | 4.77                  | 192          | 520,973.027500  | 2,378,701.654600 |
| 192 - 193 | 17°44'37"NE | 4.22                  | 193          | 520,974.313600  | 2,378,705.673900 |
| 193 - 194 | 22°45'02"NW | 5.40                  | 194          | 520,972.223600  | 2,378,710.657800 |
| 194 - 195 | 00°00'00"NE | 6.91                  | 195          | 520,972.223600  | 2,378,717.571000 |
| 195 - 196 | 14°41'51"NE | 10.14                 | 196          | 520,974.796000  | 2,378,727.378100 |
| 196 - 197 | 12°50'06"NW | 6.36                  | 197          | 520,973.383700  | 2,378,733.576700 |
| 197 - 198 | 00°40'13"NW | 2.97                  | 198          | 520,973.349000  | 2,378,736.542100 |
| 198 - 199 | 23°57'43"NW | 1.58                  | 199          | 520,972.705900  | 2,378,737.989100 |
| 199 - 200 | 16°23'18"NW | 2.85                  | 200          | 520,971.902100  | 2,378,740.722200 |
| 200 - 201 | 81°07'08"NW | 5.21                  | 201          | 520,966.757300  | 2,378,741.526100 |
| 201 - 202 | 20°33'20"NW | 2.75                  | 202          | 520,965.792700  | 2,378,744.098400 |
| 202 - 203 | 16°55'38"NE | 3.87                  | 203          | 520,966.918100  | 2,378,747.796200 |
| 203 - 204 | 37°18'16"NE | 4.24                  | 204          | 520,969.490500  | 2,378,751.172400 |
| 204 - 205 | 18°26'02"NE | 4.58                  | 205          | 520,970.937400  | 2,378,755.513300 |
| 205 - 206 | 04°34'26"NE | 8.06                  | 206          | 520,971.580500  | 2,378,763.551900 |
| 206 - 207 | 04°23'53"NW | 4.19                  | 207          | 520,971.259000  | 2,378,767.732000 |
| 207 - 208 | 00°00'00"NE | 2.73                  | 208          | 520,971.259000  | 2,378,770.465100 |
| 208 - 209 | 07°07'30"NW | 9.07                  | 209          | 520,970.133600  | 2,378,779.468300 |
| 209 - 210 | 07°21'08"NE | 5.03                  | 210          | 520,970.776700  | 2,378,784.452300 |
| 210 - 211 | 08°19'34"NW | 6.66                  | 211          | 520,969.812000  | 2,378,791.043900 |
| 211 - 212 | 43°44'19"NE | 4.17                  | 212          | 520,972.695100  | 2,378,794.056800 |
| 212 - 213 | 20°20'00"NW | 5.22                  | 213          | 520,970.880500  | 2,378,798.953500 |
| 213 - 214 | 25°49'09"NW | 5.14                  | 214          | 520,968.641700  | 2,378,803.580700 |
| 214 - 215 | 40°52'37"NW | 6.15                  | 215          | 520,964.614300  | 2,378,808.233800 |
| 215 - 216 | 34°24'30"NW | 6.25                  | 216          | 520,961.081300  | 2,378,813.392000 |
| 216 - 217 | 30°03'58"NW | 6.18                  | 217          | 520,957.984900  | 2,378,818.740800 |
| 217 - 218 | 19°10'54"NW | 18.48                 | 218          | 520,951.913000  | 2,378,836.194800 |
| 218 - 219 | 15°29'47"NW | 11.62                 | 219          | 520,948.809200  | 2,378,847.389400 |
| 219 - 220 | 11°03'07"NW | 3.99                  | 220          | 520,948.043700  | 2,378,851.308500 |
| 220 - 221 | 06°23'17"NE | 4.85                  | 221          | 520,948.583000  | 2,378,856.125400 |
| 221 - 222 | 01°42'57"NW | 4.41                  | 222          | 520,948.450800  | 2,378,860.538300 |
| 222 - 223 | 07°06'57"NW | 6.60                  | 223          | 520,947.632700  | 2,378,867.091400 |
| 223 - 224 | 02°50'31"NW | 2.21                  | 224          | 520,947.523100  | 2,378,869.299200 |
| 224 - 225 | 20°58'46"NW | 3.84                  | 225          | 520,946.146800  | 2,378,872.888400 |
| 225 - 226 | 03°56'07"NW | 2.27                  | 226          | 520,945.991000  | 2,378,875.153200 |
| 226 - 227 | 01°34'37"NE | 15.94                 | 227          | 520,946.429600  | 2,378,891.082500 |
| 227 - 228 | 15°42'13"NW | 4.27                  | 228          | 520,945.273300  | 2,378,895.195100 |
| 228 - 229 | 30°52'22"NW | 1.85                  | 229          | 520,944.324100  | 2,378,896.782800 |
| 229 - 230 | 01°25'52"NW | 3.38                  | 230          | 520,944.239700  | 2,378,900.160700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 230 - 231 | 05°56'16"NW | 5.43                  | 231          | 520,943.678000  | 2,378,905.561200 |
| 231 - 232 | 02°36'41"NW | 6.49                  | 232          | 520,943.382100  | 2,378,912.048900 |
| 232 - 233 | 49°58'17"NW | 1.79                  | 233          | 520,942.013200  | 2,378,913.198700 |
| 233 - 234 | 32°28'17"NW | 2.15                  | 234          | 520,940.860800  | 2,378,915.009600 |
| 234 - 235 | 38°12'41"NW | 4.92                  | 235          | 520,937.815100  | 2,378,918.878400 |
| 235 - 236 | 20°28'08"NW | 9.23                  | 236          | 520,934.588700  | 2,378,927.522100 |
| 236 - 237 | 06°57'59"NE | 4.30                  | 237          | 520,935.110100  | 2,378,931.789100 |
| 237 - 238 | 05°36'29"NW | 4.44                  | 238          | 520,934.676600  | 2,378,936.203700 |
| 238 - 239 | 48°48'18"NW | 5.56                  | 239          | 520,930.489100  | 2,378,939.868900 |
| 239 - 240 | 31°36'28"NW | 3.77                  | 240          | 520,928.513500  | 2,378,943.079200 |
| 240 - 241 | 33°55'02"NE | 5.75                  | 241          | 520,931.723800  | 2,378,947.853500 |
| 241 - 242 | 11°18'37"NE | 4.62                  | 242          | 520,932.629300  | 2,378,952.380800 |
| 242 - 243 | 04°01'42"NW | 5.86                  | 243          | 520,932.217700  | 2,378,958.225200 |
| 243 - 244 | 15°15'19"NW | 5.63                  | 244          | 520,930.736000  | 2,378,963.658000 |
| 244 - 245 | 01°01'22"NE | 4.61                  | 245          | 520,930.818300  | 2,378,968.267700 |
| 245 - 246 | 04°28'04"NE | 4.29                  | 246          | 520,931.152300  | 2,378,972.542300 |
| 246 - 247 | 04°32'54"NW | 5.22                  | 247          | 520,930.738400  | 2,378,977.745200 |
| 247 - 248 | 03°57'54"NE | 5.33                  | 248          | 520,931.106700  | 2,378,983.058600 |
| 248 - 249 | 13°21'43"NW | 4.41                  | 249          | 520,930.087200  | 2,378,987.350600 |
| 249 - 250 | 49°49'25"NW | 2.16                  | 250          | 520,928.436000  | 2,378,988.744800 |
| 250 - 251 | 35°54'08"NW | 5.81                  | 251          | 520,925.027900  | 2,378,993.452500 |
| 251 - 252 | 11°27'19"NW | 10.06                 | 252          | 520,923.029900  | 2,379,003.312200 |
| 252 - 253 | 28°36'54"NW | 3.02                  | 253          | 520,921.583300  | 2,379,005.963800 |
| 253 - 254 | 25°57'08"NW | 10.09                 | 254          | 520,917.166100  | 2,379,015.039600 |
| 254 - 255 | 14°25'14"NW | 5.34                  | 255          | 520,915.836900  | 2,379,020.208700 |
| 255 - 256 | 17°00'24"NW | 5.30                  | 256          | 520,914.285400  | 2,379,025.281300 |
| 256 - 257 | 12°44'15"NW | 9.72                  | 257          | 520,912.142300  | 2,379,034.761900 |
| 257 - 258 | 42°57'51"NW | 2.32                  | 258          | 520,910.559000  | 2,379,036.461900 |
| 258 - 259 | 66°07'03"NW | 6.50                  | 259          | 520,904.612800  | 2,379,039.094700 |
| 259 - 260 | 78°05'07"NW | 3.81                  | 260          | 520,900.882000  | 2,379,039.881900 |
| 260 - 261 | 04°28'22"NW | 11.07                 | 261          | 520,900.018300  | 2,379,050.922900 |
| 261 - 262 | 16°26'32"NW | 5.65                  | 262          | 520,898.419600  | 2,379,056.340000 |
| 262 - 263 | 06°33'36"NW | 5.28                  | 263          | 520,897.816600  | 2,379,061.583500 |
| 263 - 264 | 05°59'17"NE | 3.94                  | 264          | 520,898.227200  | 2,379,065.497900 |
| 264 - 265 | 10°12'12"NW | 4.12                  | 265          | 520,897.497400  | 2,379,069.552500 |
| 265 - 266 | 22°18'54"NW | 5.51                  | 266          | 520,895.406000  | 2,379,074.648000 |
| 266 - 267 | 08°28'39"NE | 5.41                  | 267          | 520,896.203400  | 2,379,079.997800 |
| 267 - 268 | 40°59'00"NE | 5.53                  | 268          | 520,899.831700  | 2,379,084.174100 |
| 268 - 269 | 12°17'57"NW | 1.76                  | 269          | 520,899.456200  | 2,379,085.896400 |
| 269 - 270 | 34°59'02"NW | 3.44                  | 270          | 520,897.481800  | 2,379,088.717800 |
| 270 - 271 | 39°37'02"NW | 5.19                  | 271          | 520,894.174800  | 2,379,092.712800 |
| 271 - 272 | 51°36'14"NW | 5.45                  | 272          | 520,889.904900  | 2,379,096.096600 |
| 272 - 273 | 45°59'55"NW | 5.80                  | 273          | 520,885.735100  | 2,379,100.123500 |
| 273 - 274 | 52°51'43"NW | 6.72                  | 274          | 520,880.378400  | 2,379,104.180300 |
| 274 - 275 | 12°07'19"NE | 6.04                  | 275          | 520,881.647500  | 2,379,110.089000 |
| 275 - 276 | 25°05'07"NE | 11.68                 | 276          | 520,886.600700  | 2,379,120.669900 |
| 276 - 277 | 53°12'07"NE | 6.70                  | 277          | 520,891.963000  | 2,379,124.681100 |
| 277 - 278 | 25°54'23"NE | 2.46                  | 278          | 520,893.035600  | 2,379,126.889400 |
| 278 - 279 | 16°06'48"NW | 7.71                  | 279          | 520,890.895400  | 2,379,134.297800 |
| 279 - 280 | 13°49'39"NW | 7.25                  | 280          | 520,889.163000  | 2,379,141.336200 |
| 280 - 281 | 04°43'31"NE | 6.87                  | 281          | 520,889.728800  | 2,379,148.180900 |
| 281 - 282 | 12°34'18"NW | 10.58                 | 282          | 520,887.425500  | 2,379,158.509100 |
| 282 - 283 | 05°17'49"NW | 5.83                  | 283          | 520,886.887600  | 2,379,164.310700 |
| 283 - 284 | 16°27'55"NW | 5.13                  | 284          | 520,885.433500  | 2,379,169.230600 |
| 284 - 285 | 04°00'24"NE | 4.58                  | 285          | 520,885.753500  | 2,379,173.799100 |
| 285 - 286 | 22°04'34"NW | 4.28                  | 286          | 520,884.144100  | 2,379,177.767300 |
| 286 - 287 | 40°10'48"NW | 5.73                  | 287          | 520,880.450200  | 2,379,182.141500 |
| 287 - 288 | 26°25'45"NW | 4.44                  | 288          | 520,878.475800  | 2,379,186.113800 |
| 288 - 289 | 00°49'13"NW | 3.97                  | 289          | 520,878.419000  | 2,379,190.080000 |
| 289 - 290 | 08°20'11"NW | 3.26                  | 290          | 520,877.945800  | 2,379,193.309200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 290 - 291 | 53°21'18"NW | 9.94                  | 291          | 520,869.971800  | 2,379,199.240900 |
| 291 - 292 | 46°50'11"NW | 5.29                  | 292          | 520,866.115700  | 2,379,202.857400 |
| 292 - 293 | 00°06'32"NW | 5.20                  | 293          | 520,866.105800  | 2,379,208.053400 |
| 293 - 294 | 08°45'05"NW | 4.19                  | 294          | 520,865.468000  | 2,379,212.196500 |
| 294 - 295 | 18°11'47"NW | 11.97                 | 295          | 520,861.731000  | 2,379,223.565000 |
| 295 - 296 | 24°31'54"NW | 6.26                  | 296          | 520,859.132000  | 2,379,229.259600 |
| 296 - 297 | 08°43'56"NE | 8.05                  | 297          | 520,860.354900  | 2,379,237.221200 |
| 297 - 298 | 13°03'20"NW | 7.63                  | 298          | 520,858.632200  | 2,379,244.650000 |
| 298 - 299 | 17°06'09"NW | 3.97                  | 299          | 520,857.465500  | 2,379,248.441800 |
| 299 - 300 | 24°04'29"NW | 4.92                  | 300          | 520,855.460100  | 2,379,252.930200 |
| 300 - 301 | 04°41'28"NW | 8.57                  | 301          | 520,854.758900  | 2,379,261.475100 |
| 301 - 302 | 08°44'46"NE | 3.25                  | 302          | 520,855.252800  | 2,379,264.685400 |
| 302 - 303 | 19°26'25"NW | 2.97                  | 303          | 520,854.265000  | 2,379,267.484100 |
| 303 - 304 | 04°36'52"NE | 3.27                  | 304          | 520,854.527900  | 2,379,270.741200 |
| 304 - 305 | 10°58'38"NW | 4.64                  | 305          | 520,853.644500  | 2,379,275.295500 |
| 305 - 306 | 26°45'37"NW | 4.00                  | 306          | 520,851.842400  | 2,379,278.869200 |
| 306 - 307 | 65°11'11"NW | 3.27                  | 307          | 520,848.877100  | 2,379,280.240200 |
| 307 - 308 | 28°15'08"NW | 3.83                  | 308          | 520,847.062400  | 2,379,283.617200 |
| 308 - 309 | 67°36'29"NW | 2.09                  | 309          | 520,845.132800  | 2,379,284.412200 |
| 309 - 310 | 84°19'54"SW | 3.49                  | 310          | 520,841.658900  | 2,379,284.067400 |
| 310 - 311 | 56°46'35"NW | 3.52                  | 311          | 520,838.716300  | 2,379,285.994700 |
| 311 - 312 | 26°36'42"NW | 4.84                  | 312          | 520,836.550400  | 2,379,290.317700 |
| 312 - 313 | 09°07'47"NE | 4.60                  | 313          | 520,837.279700  | 2,379,294.855700 |
| 313 - 314 | 27°16'29"NE | 4.10                  | 314          | 520,839.160300  | 2,379,298.503200 |
| 314 - 315 | 67°38'54"NE | 5.23                  | 315          | 520,843.998100  | 2,379,300.492400 |
| 315 - 316 | 12°44'04"NW | 4.39                  | 316          | 520,843.030700  | 2,379,304.773000 |
| 316 - 317 | 08°49'00"NW | 5.63                  | 317          | 520,842.168400  | 2,379,310.332400 |
| 317 - 318 | 11°09'45"NW | 5.70                  | 318          | 520,841.064600  | 2,379,315.926100 |
| 318 - 319 | 20°25'39"NW | 5.36                  | 319          | 520,839.193800  | 2,379,320.949100 |
| 319 - 320 | 12°24'26"NW | 5.31                  | 320          | 520,838.053100  | 2,379,326.134100 |
| 320 - 321 | 14°49'32"NW | 5.16                  | 321          | 520,836.732500  | 2,379,331.123300 |
| 321 - 322 | 03°38'07"NE | 5.14                  | 322          | 520,837.058200  | 2,379,336.249700 |
| 322 - 323 | 28°42'01"NW | 8.22                  | 323          | 520,833.109900  | 2,379,343.461300 |
| 323 - 324 | 35°52'10"NW | 6.60                  | 324          | 520,829.241100  | 2,379,348.811800 |
| 324 - 325 | 41°37'37"NW | 4.19                  | 325          | 520,826.458100  | 2,379,351.943400 |
| 325 - 326 | 62°21'24"NW | 3.36                  | 326          | 520,823.479000  | 2,379,353.503700 |
| 326 - 327 | 25°49'15"NW | 3.65                  | 327          | 520,821.890400  | 2,379,356.786800 |
| 327 - 328 | 12°39'37"NE | 5.37                  | 328          | 520,823.067300  | 2,379,362.026000 |
| 328 - 329 | 01°18'25"NW | 5.81                  | 329          | 520,822.934800  | 2,379,367.833600 |
| 329 - 330 | 06°55'58"NW | 5.13                  | 330          | 520,822.315800  | 2,379,372.924300 |
| 330 - 331 | 00°04'54"NE | 3.22                  | 331          | 520,822.320400  | 2,379,376.145700 |
| 331 - 332 | 10°59'49"NW | 4.59                  | 332          | 520,821.444500  | 2,379,380.653000 |
| 332 - 333 | 45°41'21"NE | 4.32                  | 333          | 520,824.532200  | 2,379,383.667300 |
| 333 - 334 | 02°28'22"NW | 5.34                  | 334          | 520,824.301800  | 2,379,389.002300 |
| 334 - 335 | 08°30'37"NW | 5.45                  | 335          | 520,823.495700  | 2,379,394.389300 |
| 335 - 336 | 26°30'54"NE | 6.11                  | 336          | 520,826.224400  | 2,379,399.858600 |
| 336 - 337 | 07°53'04"NW | 3.46                  | 337          | 520,825.749300  | 2,379,403.289300 |
| 337 - 338 | 69°37'44"NW | 3.43                  | 338          | 520,822.535100  | 2,379,404.482800 |
| 338 - 339 | 50°37'29"NW | 3.77                  | 339          | 520,819.619100  | 2,379,406.875900 |
| 339 - 340 | 39°33'23"NW | 4.51                  | 340          | 520,816.746700  | 2,379,410.353400 |
| 340 - 341 | 17°12'45"NE | 7.19                  | 341          | 520,818.873200  | 2,379,417.217700 |
| 341 - 342 | 47°07'33"NE | 4.36                  | 342          | 520,822.066400  | 2,379,420.182300 |
| 342 - 343 | 04°41'04"NE | 4.74                  | 343          | 520,822.453500  | 2,379,424.906200 |
| 343 - 344 | 02°53'20"NW | 4.26                  | 344          | 520,822.238900  | 2,379,429.158600 |
| 344 - 345 | 39°48'49"NW | 2.56                  | 345          | 520,820.598000  | 2,379,431.127100 |
| 345 - 346 | 47°48'41"NW | 2.88                  | 346          | 520,818.463800  | 2,379,433.061500 |
| 346 - 347 | 62°00'22"NW | 4.21                  | 347          | 520,814.749700  | 2,379,435.035800 |
| 347 - 348 | 27°02'18"NW | 4.48                  | 348          | 520,812.714600  | 2,379,439.023300 |
| 348 - 349 | 10°10'38"NW | 5.39                  | 349          | 520,811.762800  | 2,379,444.325200 |
| 349 - 350 | 43°35'43"NE | 4.57                  | 350          | 520,814.911900  | 2,379,447.632600 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 350 - 351 | 09°33'40"NE | 4.56                  | 351          | 520,815.668700  | 2,379,452.125500 |
| 351 - 352 | 05°58'08"NE | 4.72                  | 352          | 520,816.159100  | 2,379,456.815800 |
| 352 - 353 | 11°00'51"NW | 4.98                  | 353          | 520,815.206700  | 2,379,461.708900 |
| 353 - 354 | 48°11'25"NW | 4.49                  | 354          | 520,811.859900  | 2,379,464.702300 |
| 354 - 355 | 07°06'00"NW | 4.22                  | 355          | 520,811.338200  | 2,379,468.890600 |
| 355 - 356 | 03°04'47"NW | 4.22                  | 356          | 520,811.111400  | 2,379,473.105900 |
| 356 - 357 | 25°17'04"NE | 5.11                  | 357          | 520,813.295500  | 2,379,477.729600 |
| 357 - 358 | 02°34'37"NE | 3.98                  | 358          | 520,813.474400  | 2,379,481.704400 |
| 358 - 359 | 04°19'43"NW | 4.22                  | 359          | 520,813.155700  | 2,379,485.914800 |
| 359 - 360 | 02°17'08"NE | 5.44                  | 360          | 520,813.372600  | 2,379,491.348700 |
| 360 - 361 | 27°08'19"NE | 7.90                  | 361          | 520,816.976100  | 2,379,498.378800 |
| 361 - 362 | 34°27'48"NE | 5.02                  | 362          | 520,819.815100  | 2,379,502.515200 |
| 362 - 363 | 12°47'47"NW | 8.41                  | 363          | 520,817.951800  | 2,379,510.718800 |
| 363 - 364 | 22°32'32"NW | 2.07                  | 364          | 520,817.158000  | 2,379,512.631200 |
| 364 - 365 | 30°29'59"NW | 4.37                  | 365          | 520,814.940600  | 2,379,516.395600 |
| 365 - 366 | 05°17'57"NW | 11.65                 | 366          | 520,813.864400  | 2,379,527.998300 |
| 366 - 367 | 18°46'38"NW | 2.27                  | 367          | 520,813.133900  | 2,379,530.146900 |
| 367 - 368 | 46°14'31"NW | 4.44                  | 368          | 520,809.924900  | 2,379,533.219700 |
| 368 - 369 | 54°18'01"NW | 2.11                  | 369          | 520,808.208000  | 2,379,534.453400 |
| 369 - 370 | 26°14'47"NW | 4.20                  | 370          | 520,806.351100  | 2,379,538.219400 |
| 370 - 371 | 36°58'26"NE | 2.28                  | 371          | 520,807.719700  | 2,379,540.037300 |
| 371 - 372 | 03°15'31"NE | 0.65                  | 372          | 520,807.756800  | 2,379,540.688900 |
| 372 - 373 | 11°18'26"NW | 1.26                  | 373          | 520,807.509900  | 2,379,541.923700 |
| 373 - 374 | 41°38'18"NW | 0.99                  | 374          | 520,806.851300  | 2,379,542.664500 |
| 374 - 375 | 33°16'28"NW | 3.15                  | 375          | 520,805.122700  | 2,379,545.298600 |
| 375 - 376 | 08°44'46"NW | 3.25                  | 376          | 520,804.628800  | 2,379,548.508900 |
| 376 - 377 | 26°33'57"NE | 2.95                  | 377          | 520,805.945900  | 2,379,551.143000 |
| 377 - 378 | 13°26'51"NE | 3.89                  | 378          | 520,806.851300  | 2,379,554.929500 |
| 378 - 379 | 19°10'50"NE | 2.00                  | 379          | 520,807.509900  | 2,379,556.822800 |
| 379 - 380 | 36°34'23"NE | 3.18                  | 380          | 520,809.403100  | 2,379,559.374500 |
| 380 - 381 | 17°52'46"NE | 2.68                  | 381          | 520,810.226300  | 2,379,561.926300 |
| 381 - 382 | 46°30'25"NE | 4.43                  | 382          | 520,813.436600  | 2,379,564.972000 |
| 382 - 383 | 20°41'26"NE | 3.25                  | 383          | 520,814.583700  | 2,379,568.009200 |
| 383 - 384 | 15°40'14"NW | 3.37                  | 384          | 520,813.673900  | 2,379,571.252300 |
| 384 - 385 | 12°06'23"NW | 5.73                  | 385          | 520,812.472600  | 2,379,576.852700 |
| 385 - 386 | 20°03'00"NW | 4.71                  | 386          | 520,810.858000  | 2,379,581.276700 |
| 386 - 387 | 13°41'56"NW | 3.49                  | 387          | 520,810.031700  | 2,379,584.666600 |
| 387 - 388 | 04°44'33"NE | 2.92                  | 388          | 520,810.273300  | 2,379,587.578700 |
| 388 - 389 | 16°57'20"NE | 3.44                  | 389          | 520,811.276400  | 2,379,590.868800 |
| 389 - 390 | 45°55'10"NE | 1.87                  | 390          | 520,812.621400  | 2,379,592.171300 |
| 390 - 391 | 17°07'47"NE | 1.93                  | 391          | 520,813.190200  | 2,379,594.016800 |
| 391 - 392 | 26°59'49"NW | 3.01                  | 392          | 520,811.825500  | 2,379,596.695500 |
| 392 - 393 | 04°51'52"NE | 1.97                  | 393          | 520,811.992600  | 2,379,598.658900 |
| 393 - 394 | 44°24'44"NE | 1.19                  | 394          | 520,812.827300  | 2,379,599.510900 |
| 394 - 395 | 06°56'45"NE | 1.82                  | 395          | 520,813.047800  | 2,379,601.320800 |
| 395 - 396 | 10°49'52"NW | 2.72                  | 396          | 520,812.537500  | 2,379,603.988000 |
| 396 - 397 | 03°01'26"NE | 2.38                  | 397          | 520,812.663200  | 2,379,606.367500 |
| 397 - 398 | 15°11'20"NW | 7.12                  | 398          | 520,810.797600  | 2,379,613.239200 |
| 398 - 399 | 06°36'44"NW | 2.22                  | 399          | 520,810.541500  | 2,379,615.448400 |
| 399 - 400 | 17°07'40"NE | 3.79                  | 400          | 520,811.657800  | 2,379,619.070700 |
| 400 - 401 | 03°32'28"NW | 3.09                  | 401          | 520,811.467100  | 2,379,622.152300 |
| 401 - 402 | 17°19'54"NW | 1.95                  | 402          | 520,810.886700  | 2,379,624.012100 |
| 402 - 403 | 05°51'13"NE | 3.57                  | 403          | 520,811.251300  | 2,379,627.568300 |
| 403 - 404 | 13°39'22"NE | 2.39                  | 404          | 520,811.815100  | 2,379,629.888800 |
| 404 - 1   | 41°36'54"NE | 3.37                  | 1            |                 |                  |

Zona Núcleo

**“Dunas”****(Superficie 5-73-63.20 hectáreas)**

Los límites de la zona núcleo Dunas corresponden a los del polígono 4.

**Polígono 5****(Superficie 0-16-05.98 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 520,739.900000  | 2,377,407.493900 |
| 1 - 2   | 83°49'45"SE | 6.45                  | 2            | 520,746.308900  | 2,377,406.801000 |
| 2 - 3   | 02°23'08"SW | 4.16                  | 3            | 520,746.135700  | 2,377,402.643900 |
| 3 - 4   | 04°58'14"SE | 4.00                  | 4            | 520,746.482200  | 2,377,398.659900 |
| 4 - 5   | 11°18'32"SE | 3.53                  | 5            | 520,747.175000  | 2,377,395.195600 |
| 5 - 6   | 02°23'08"SW | 4.16                  | 6            | 520,747.001800  | 2,377,391.038500 |
| 6 - 7   | 15°46'50"SE | 8.28                  | 7            | 520,749.253600  | 2,377,383.070600 |
| 7 - 8   | 11°05'36"SE | 9.00                  | 8            | 520,750.985700  | 2,377,374.236700 |
| 8 - 9   | 03°34'37"SE | 5.55                  | 9            | 520,751.332200  | 2,377,368.693800 |
| 9 - 10  | 22°55'52"SE | 4.89                  | 10           | 520,753.237500  | 2,377,364.190200 |
| 10 - 11 | 19°47'58"SE | 4.60                  | 11           | 520,754.796500  | 2,377,359.859800 |
| 11 - 12 | 02°36'08"SE | 3.81                  | 12           | 520,754.969700  | 2,377,356.049100 |
| 12 - 13 | 07°13'38"SE | 5.18                  | 13           | 520,755.621100  | 2,377,350.912400 |
| 13 - 14 | 02°54'47"SE | 4.22                  | 14           | 520,755.835700  | 2,377,346.695500 |
| 14 - 15 | 16°15'37"SW | 4.33                  | 15           | 520,754.623200  | 2,377,342.538400 |
| 15 - 16 | 10°37'10"SE | 5.64                  | 16           | 520,755.662500  | 2,377,336.995500 |
| 16 - 17 | 34°59'33"SE | 2.11                  | 17           | 520,756.875000  | 2,377,335.263400 |
| 17 - 18 | 30°04'08"SE | 3.80                  | 18           | 520,758.780400  | 2,377,331.972300 |
| 18 - 19 | 07°45'57"SW | 3.85                  | 19           | 520,758.260700  | 2,377,328.161600 |
| 19 - 20 | 16°23'23"SE | 9.21                  | 20           | 520,760.859000  | 2,377,319.327600 |
| 20 - 21 | 10°07'25"SE | 4.93                  | 21           | 520,761.725000  | 2,377,314.477600 |
| 21 - 22 | 18°26'05"SW | 3.83                  | 22           | 520,760.512500  | 2,377,310.840100 |
| 22 - 23 | 06°31'12"SE | 12.20                 | 23           | 520,761.898300  | 2,377,298.715100 |
| 23 - 24 | 22°14'55"SE | 4.12                  | 24           | 520,763.457200  | 2,377,294.904400 |
| 24 - 25 | 08°07'51"SW | 3.67                  | 25           | 520,762.937500  | 2,377,291.266900 |
| 25 - 26 | 00°00'00"SE | 4.68                  | 26           | 520,762.937500  | 2,377,286.590100 |
| 26 - 27 | 07°21'09"SE | 5.41                  | 27           | 520,763.630400  | 2,377,281.220400 |
| 27 - 28 | 10°18'19"SE | 3.87                  | 28           | 520,764.323300  | 2,377,277.409700 |
| 28 - 29 | 02°43'39"SW | 3.64                  | 29           | 520,764.150000  | 2,377,273.772200 |
| 29 - 30 | 15°27'45"SW | 3.26                  | 30           | 520,763.281400  | 2,377,270.632200 |
| 30 - 31 | 13°23'22"SE | 2.76                  | 31           | 520,763.919400  | 2,377,267.952000 |
| 31 - 32 | 03°58'17"SE | 0.90                  | 32           | 520,763.981900  | 2,377,267.051800 |
| 32 - 33 | 11°03'12"SW | 6.05                  | 33           | 520,762.822900  | 2,377,261.118900 |
| 33 - 34 | 60°34'42"NW | 1.17                  | 34           | 520,761.800500  | 2,377,261.695500 |
| 34 - 35 | 48°21'55"NW | 3.58                  | 35           | 520,759.126800  | 2,377,264.072200 |
| 35 - 36 | 60°27'41"NW | 5.97                  | 36           | 520,753.930400  | 2,377,267.016800 |
| 36 - 37 | 21°24'47"NW | 9.49                  | 37           | 520,750.466100  | 2,377,275.850700 |

A partir de este vértice 37 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 133.98 metros hasta llegar al vértice 1.

**Zona Núcleo**

**“Pájaros 2” (Norte)****(Superficie 0-16-05.98 hectáreas)**

Los límites de la zona núcleo Pájaros 2 (norte) corresponden a los del polígono 5.

**Polígono 6****(Superficie 0-10-93.96 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
|         |             |                    | 1            | 520,764.196800  | 2,377,225.674400 |
| 1 - 2   | 79°50'52"SE | 2.91               | 2            | 520,767.064500  | 2,377,225.160900 |
| 2 - 3   | 38°38'32"SE | 1.73               | 3            | 520,768.145100  | 2,377,223.809300 |
| 3 - 4   | 60°38'33"SE | 3.34               | 4            | 520,771.059100  | 2,377,222.170200 |
| 4 - 5   | 55°37'11"SE | 4.19               | 5            | 520,774.519600  | 2,377,219.802500 |
| 5 - 6   | 49°58'10"SE | 5.95               | 6            | 520,779.072800  | 2,377,215.977800 |
| 6 - 7   | 84°17'25"SE | 1.83               | 7            | 520,780.894100  | 2,377,215.795700 |
| 7 - 8   | 14°37'11"SE | 4.33               | 8            | 520,781.986800  | 2,377,211.606700 |
| 8 - 9   | 26°33'50"SW | 2.44               | 9            | 520,780.894100  | 2,377,209.421200 |
| 9 - 10  | 52°35'39"SW | 3.90               | 10           | 520,777.797900  | 2,377,207.053500 |
| 10 - 11 | 00°00'00"SE | 2.55               | 11           | 520,777.797900  | 2,377,204.503700 |
| 11 - 12 | 06°04'22"SW | 8.61               | 12           | 520,776.887200  | 2,377,195.943700 |
| 12 - 13 | 03°10'45"SW | 3.28               | 13           | 520,776.705100  | 2,377,192.665400 |
| 13 - 14 | 00°49'17"SW | 3.24               | 14           | 520,776.658700  | 2,377,189.429200 |
| 14 - 15 | 05°38'00"SW | 2.22               | 15           | 520,776.441000  | 2,377,187.222200 |
| 15 - 16 | 04°35'21"SE | 2.84               | 16           | 520,776.668400  | 2,377,184.389300 |
| 16 - 17 | 20°40'03"SW | 8.14               | 17           | 520,773.794300  | 2,377,176.770200 |
| 17 - 18 | 06°24'01"SE | 2.72               | 18           | 520,774.097900  | 2,377,174.063700 |
| 18 - 19 | 09°33'21"SW | 3.69               | 19           | 520,773.484800  | 2,377,170.421800 |
| 19 - 20 | 59°33'35"SW | 1.62               | 20           | 520,772.090400  | 2,377,169.602400 |
| 20 - 21 | 18°20'03"SW | 3.02               | 21           | 520,771.140200  | 2,377,166.735000 |
| 21 - 22 | 14°03'04"SE | 5.04               | 22           | 520,772.363200  | 2,377,161.848400 |
| 22 - 23 | 11°02'42"SE | 4.60               | 23           | 520,773.244700  | 2,377,157.332500 |
| 23 - 24 | 23°11'50"SE | 2.77               | 24           | 520,774.337400  | 2,377,154.782700 |
| 24 - 25 | 81°15'10"SE | 2.40               | 25           | 520,776.705100  | 2,377,154.418400 |
| 25 - 26 | 11°18'40"SE | 1.86               | 26           | 520,777.069400  | 2,377,152.597100 |
| 26 - 27 | 56°41'19"SW | 4.70               | 27           | 520,773.139900  | 2,377,150.014800 |
| 27 - 28 | 03°42'46"SE | 8.08               | 28           | 520,773.662900  | 2,377,141.955600 |
| 28 - 29 | 05°41'11"SW | 4.71               | 29           | 520,773.196000  | 2,377,137.266600 |
| 29 - 30 | 19°01'09"SW | 5.24               | 30           | 520,771.488600  | 2,377,132.313400 |
| 30 - 31 | 81°54'12"SW | 2.61               | 31           | 520,768.909500  | 2,377,131.946500 |
| 31 - 32 | 81°54'17"SW | 2.51               | 32           | 520,766.427700  | 2,377,131.593500 |
| 32 - 33 | 37°35'08"NW | 6.74               | 33           | 520,762.317000  | 2,377,136.934100 |

A partir de este vértice 33 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 90.19 metros hasta llegar al vértice 1.

**Zona Núcleo****“Pájaros 1” (Sur)****(Superficie 0-10-93.96 hectáreas)**

Los límites de la zona núcleo Pájaros 1 (Sur) corresponden a los del polígono 6.

**Polígono 7****(Superficie 1-12-75.46 hectáreas)**

| Est-PV | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|-------------|--------------------|--------------|-----------------|------------------|
|        |             |                    |              | X               | Y                |
|        |             |                    | 1            | 521,667.620300  | 2,376,011.984400 |
| 1 - 2  | 68°57'53"NE | 11.69              | 2            | 521,678.532800  | 2,376,016.181000 |
| 2 - 3  | 82°09'25"NE | 2.89               | 3            | 521,681.391700  | 2,376,016.574800 |
|        |             |                    | 4            | 521,794.986900  | 2,375,509.703100 |

A partir de este vértice 3 se continúa por la línea de costa, con un rumbo general Sureste y una distancia aproximada de 545.70 metros hasta llegar al vértice 4.



| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
| 4 - 5   | 30°27'57"SW | 6.98               | 5            | 521,791.448800  | 2,375,503.688400 |
| 5 - 6   | 56°58'34"SW | 8.44               | 6            | 521,784.372600  | 2,375,499.088900 |
| 6 - 7   | 30°04'06"SE | 7.77               | 7            | 521,788.264500  | 2,375,492.366500 |
| 7 - 8   | 00°09'36"SW | 6.29               | 8            | 521,788.246900  | 2,375,486.072600 |
| 8 - 9   | 07°05'36"SE | 3.93               | 9            | 521,788.732800  | 2,375,482.167900 |
| 9 - 10  | 21°14'58"SW | 4.88               | 10           | 521,786.965900  | 2,375,477.624200 |
| 10 - 11 | 73°54'45"SW | 1.83               | 11           | 521,785.209300  | 2,375,477.117600 |
| 11 - 12 | 74°59'46"NW | 4.00               | 12           | 521,781.348000  | 2,375,478.152500 |
| 12 - 13 | 81°36'25"NW | 3.17               | 13           | 521,778.214600  | 2,375,478.614800 |
| 13 - 14 | 13°26'59"NW | 2.07               | 14           | 521,777.732900  | 2,375,480.629000 |
| 14 - 15 | 40°17'17"NW | 3.32               | 15           | 521,775.588800  | 2,375,483.158300 |
| 15 - 16 | 50°37'50"NW | 3.19               | 16           | 521,773.120700  | 2,375,485.183400 |
| 16 - 17 | 35°15'11"NW | 6.17               | 17           | 521,769.561600  | 2,375,490.218800 |
| 17 - 18 | 19°49'11"NW | 3.00               | 18           | 521,768.546100  | 2,375,493.036400 |
| 18 - 19 | 07°39'53"NE | 0.65               | 19           | 521,768.632500  | 2,375,493.678400 |
| 19 - 20 | 30°59'03"NE | 1.43               | 20           | 521,769.367800  | 2,375,494.902900 |
| 20 - 21 | 03°21'14"NE | 2.53               | 21           | 521,769.516000  | 2,375,497.431600 |
| 21 - 22 | 15°28'48"NE | 2.93               | 22           | 521,770.297300  | 2,375,500.252700 |
| 22 - 23 | 20°14'22"NW | 2.19               | 23           | 521,769.540300  | 2,375,502.305800 |
| 23 - 24 | 27°16'05"NW | 3.17               | 24           | 521,768.087600  | 2,375,505.124200 |
| 24 - 25 | 20°15'14"NW | 4.42               | 25           | 521,766.555800  | 2,375,509.275400 |
| 25 - 26 | 33°19'47"NW | 4.05               | 26           | 521,764.328900  | 2,375,512.661700 |
| 26 - 27 | 10°33'37"NW | 1.36               | 27           | 521,764.078900  | 2,375,514.002700 |
| 27 - 28 | 25°57'53"NW | 6.52               | 28           | 521,761.224300  | 2,375,519.864600 |
| 28 - 29 | 35°57'57"NW | 6.02               | 29           | 521,757.689600  | 2,375,524.735800 |
| 29 - 30 | 43°10'51"NW | 2.09               | 30           | 521,756.258300  | 2,375,526.261000 |
| 30 - 31 | 59°04'12"NW | 0.52               | 31           | 521,755.811700  | 2,375,526.528600 |
| 31 - 32 | 58°42'32"SW | 0.80               | 32           | 521,755.126600  | 2,375,526.112200 |
| 32 - 33 | 30°24'19"SW | 2.85               | 33           | 521,753.685300  | 2,375,523.656100 |
| 33 - 34 | 50°03'24"NW | 4.52               | 34           | 521,750.221300  | 2,375,526.556900 |
| 34 - 35 | 73°45'34"NW | 1.48               | 35           | 521,748.797300  | 2,375,526.971700 |
| 35 - 36 | 33°55'04"NW | 3.42               | 36           | 521,746.889900  | 2,375,529.808300 |
| 36 - 37 | 02°59'18"NW | 1.46               | 37           | 521,746.814000  | 2,375,531.262200 |
| 37 - 38 | 11°10'26"NE | 3.38               | 38           | 521,747.469300  | 2,375,534.579600 |
| 38 - 39 | 39°49'34"NW | 2.23               | 39           | 521,746.042000  | 2,375,536.291100 |
| 39 - 40 | 44°46'15"NW | 5.89               | 40           | 521,741.891200  | 2,375,540.475200 |
| 40 - 41 | 06°13'49"NW | 1.32               | 41           | 521,741.748000  | 2,375,541.786900 |
| 41 - 42 | 41°13'34"NW | 2.43               | 42           | 521,740.149300  | 2,375,543.611400 |
| 42 - 43 | 00°07'10"NE | 1.82               | 43           | 521,740.153100  | 2,375,545.431400 |
| 43 - 44 | 43°16'28"NW | 2.58               | 44           | 521,738.382200  | 2,375,547.312300 |
| 44 - 45 | 27°51'31"NW | 0.54               | 45           | 521,738.129500  | 2,375,547.790400 |
| 45 - 46 | 69°56'11"NE | 0.68               | 46           | 521,738.770200  | 2,375,548.024400 |
| 46 - 47 | 53°37'27"NE | 2.16               | 47           | 521,740.508300  | 2,375,549.304700 |
| 47 - 48 | 27°35'17"NE | 3.84               | 48           | 521,742.286300  | 2,375,552.707400 |
| 48 - 49 | 28°10'43"NW | 3.01               | 49           | 521,740.866600  | 2,375,555.357500 |
| 49 - 50 | 67°55'41"NW | 4.32               | 50           | 521,736.863500  | 2,375,556.980700 |
| 50 - 51 | 64°23'02"NW | 3.01               | 51           | 521,734.149200  | 2,375,558.282100 |
| 51 - 52 | 15°23'57"NW | 2.77               | 52           | 521,733.413900  | 2,375,560.951700 |
| 52 - 53 | 51°52'55"NE | 2.13               | 53           | 521,735.091300  | 2,375,562.267800 |
| 53 - 54 | 36°12'02"NE | 3.34               | 54           | 521,737.063800  | 2,375,564.962800 |
| 54 - 55 | 33°26'24"NW | 1.92               | 55           | 521,736.005600  | 2,375,566.565200 |
| 55 - 56 | 04°50'55"NW | 0.60               | 56           | 521,735.955000  | 2,375,567.161700 |
| 56 - 57 | 16°26'31"NE | 2.39               | 57           | 521,736.631200  | 2,375,569.453000 |
| 57 - 58 | 06°02'10"NW | 4.03               | 58           | 521,736.207700  | 2,375,573.457900 |
| 58 - 59 | 44°25'44"NW | 4.66               | 59           | 521,732.944300  | 2,375,576.787000 |
| 59 - 60 | 34°50'16"NW | 3.17               | 60           | 521,731.134000  | 2,375,579.388000 |
| 60 - 61 | 07°39'23"NW | 9.04               | 61           | 521,729.929800  | 2,375,588.345700 |
| 61 - 62 | 49°22'42"NE | 2.49               | 62           | 521,731.816700  | 2,375,589.964200 |
| 62 - 63 | 09°40'32"NE | 3.81               | 63           | 521,732.456400  | 2,375,593.716200 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 63 - 64   | 28°33'52"NW | 3.50               | 64           | 521,730.783300  | 2,375,596.789400 |
| 64 - 65   | 86°14'48"NW | 3.22               | 65           | 521,727.574400  | 2,375,596.999900 |
| 65 - 66   | 77°22'10"NW | 4.01               | 66           | 521,723.661600  | 2,375,597.876700 |
| 66 - 67   | 31°37'31"NE | 0.59               | 67           | 521,723.968400  | 2,375,598.374900 |
| 67 - 68   | 01°42'45"NE | 4.38               | 68           | 521,724.099400  | 2,375,602.756300 |
| 68 - 69   | 19°10'53"NE | 2.91               | 69           | 521,725.056300  | 2,375,605.507000 |
| 69 - 70   | 23°43'09"NW | 5.71               | 70           | 521,722.758700  | 2,375,610.736300 |
| 70 - 71   | 18°34'39"NW | 5.73               | 71           | 521,720.931600  | 2,375,616.172400 |
| 71 - 72   | 61°17'15"NW | 2.78               | 72           | 521,718.489500  | 2,375,617.510100 |
| 72 - 73   | 27°45'41"NW | 5.51               | 73           | 521,715.920700  | 2,375,622.390200 |
| 73 - 74   | 30°24'08"NW | 5.35               | 74           | 521,713.213900  | 2,375,627.003400 |
| 74 - 75   | 05°18'06"NE | 5.77               | 75           | 521,713.746900  | 2,375,632.746900 |
| 75 - 76   | 10°49'45"NW | 9.57               | 76           | 521,711.949400  | 2,375,642.143700 |
| 76 - 77   | 81°23'29"NE | 2.84               | 77           | 521,714.757400  | 2,375,642.568800 |
| 77 - 78   | 23°23'29"NE | 4.85               | 78           | 521,716.681700  | 2,375,647.017400 |
| 78 - 79   | 02°55'31"NW | 5.12               | 79           | 521,716.420300  | 2,375,652.132800 |
| 79 - 80   | 10°38'59"NE | 3.61               | 80           | 521,717.088100  | 2,375,655.684100 |
| 80 - 81   | 22°41'48"NE | 2.34               | 81           | 521,717.989200  | 2,375,657.838600 |
| 81 - 82   | 09°24'48"NW | 14.40              | 82           | 521,715.634600  | 2,375,672.040700 |
| 82 - 83   | 16°58'01"NW | 4.64               | 83           | 521,714.279400  | 2,375,676.482500 |
| 83 - 84   | 06°13'26"NW | 3.81               | 84           | 521,713.865900  | 2,375,680.274100 |
| 84 - 85   | 24°54'28"NW | 5.12               | 85           | 521,711.708600  | 2,375,684.919900 |
| 85 - 86   | 38°09'11"NW | 5.80               | 86           | 521,708.125400  | 2,375,689.481000 |
| 86 - 87   | 13°48'57"NE | 7.92               | 87           | 521,710.015700  | 2,375,697.167600 |
| 87 - 88   | 39°09'05"NW | 3.62               | 88           | 521,707.727300  | 2,375,699.978300 |
| 88 - 89   | 24°15'23"NW | 6.33               | 89           | 521,705.128300  | 2,375,705.746100 |
| 89 - 90   | 19°44'52"NW | 4.39               | 90           | 521,703.644400  | 2,375,709.879600 |
| 90 - 91   | 31°53'18"NE | 3.24               | 91           | 521,705.358400  | 2,375,712.634500 |
| 91 - 92   | 72°12'11"NE | 4.32               | 92           | 521,709.473300  | 2,375,713.955400 |
| 92 - 93   | 06°25'09"NE | 4.34               | 93           | 521,709.958900  | 2,375,718.271400 |
| 93 - 94   | 08°28'33"NW | 5.28               | 94           | 521,709.180700  | 2,375,723.493400 |
| 94 - 95   | 59°34'48"NW | 5.66               | 95           | 521,704.295700  | 2,375,726.361700 |
| 95 - 96   | 31°13'36"NW | 5.18               | 96           | 521,701.612500  | 2,375,730.787500 |
| 96 - 97   | 10°06'00"NW | 4.97               | 97           | 521,700.740600  | 2,375,735.682300 |
| 97 - 98   | 04°15'02"NW | 5.08               | 98           | 521,700.364100  | 2,375,740.747900 |
| 98 - 99   | 09°10'29"NW | 4.59               | 99           | 521,699.631700  | 2,375,745.282500 |
| 99 - 100  | 30°48'14"SE | 0.34               | 100          | 521,699.804900  | 2,375,744.992000 |
| 100 - 101 | 22°12'58"NW | 2.39               | 101          | 521,698.900200  | 2,375,747.207100 |
| 101 - 102 | 16°18'48"NE | 6.33               | 102          | 521,700.678100  | 2,375,753.281700 |
| 102 - 103 | 10°18'45"NE | 1.89               | 103          | 521,701.016200  | 2,375,755.139800 |
| 103 - 104 | 23°02'05"NW | 3.94               | 104          | 521,699.473000  | 2,375,758.769200 |
| 104 - 105 | 03°44'05"NE | 5.21               | 105          | 521,699.812100  | 2,375,763.963900 |
| 105 - 106 | 22°33'19"NE | 5.28               | 106          | 521,701.835800  | 2,375,768.836200 |
| 106 - 107 | 48°57'07"NE | 4.68               | 107          | 521,705.361600  | 2,375,771.906300 |
| 107 - 108 | 30°07'26"NW | 9.08               | 108          | 521,700.802200  | 2,375,779.764100 |
| 108 - 109 | 41°58'53"NW | 3.86               | 109          | 521,698.220700  | 2,375,782.633000 |
| 109 - 110 | 18°20'07"NE | 4.26               | 110          | 521,699.560300  | 2,375,786.675200 |
| 110 - 111 | 18°34'55"NW | 3.66               | 111          | 521,698.393800  | 2,375,790.145000 |
| 111 - 112 | 07°36'48"NW | 2.71               | 112          | 521,698.034400  | 2,375,792.833800 |
| 112 - 113 | 38°41'01"NW | 4.08               | 113          | 521,695.485100  | 2,375,796.017700 |
| 113 - 114 | 74°28'02"NW | 2.91               | 114          | 521,692.681600  | 2,375,796.796900 |
| 114 - 115 | 15°32'14"NE | 3.58               | 115          | 521,693.641600  | 2,375,800.249800 |
| 115 - 116 | 01°01'32"NW | 4.22               | 116          | 521,693.566000  | 2,375,804.472700 |
| 116 - 117 | 34°13'10"NW | 9.20               | 117          | 521,688.391100  | 2,375,812.081700 |
| 117 - 118 | 03°21'15"NE | 4.25               | 118          | 521,688.639900  | 2,375,816.326500 |
| 118 - 119 | 13°05'45"NW | 2.80               | 119          | 521,688.004900  | 2,375,819.056100 |
| 119 - 120 | 48°34'45"NW | 5.45               | 120          | 521,683.919700  | 2,375,822.660300 |
| 120 - 121 | 21°30'49"NW | 3.91               | 121          | 521,682.484900  | 2,375,826.300200 |
| 121 - 122 | 38°51'30"NW | 4.35               | 122          | 521,679.756400  | 2,375,829.686700 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 122 - 123 | 07°05'43"NW | 4.64               | 123          | 521,679.183300  | 2,375,834.290900 |
| 123 - 124 | 04°17'01"NE | 3.39               | 124          | 521,679.436600  | 2,375,837.672400 |
| 124 - 125 | 11°11'46"NE | 5.44               | 125          | 521,680.493400  | 2,375,843.011500 |
| 125 - 126 | 09°13'00"NW | 2.98               | 126          | 521,680.015400  | 2,375,845.957300 |
| 126 - 127 | 22°02'59"NE | 4.53               | 127          | 521,681.716800  | 2,375,850.157900 |
| 127 - 128 | 14°27'55"NE | 3.82               | 128          | 521,682.670700  | 2,375,853.855600 |
| 128 - 129 | 19°14'46"NW | 3.23               | 129          | 521,681.607500  | 2,375,856.900800 |
| 129 - 130 | 05°07'49"NW | 3.18               | 130          | 521,681.323300  | 2,375,860.066300 |
| 130 - 131 | 08°34'21"NE | 1.80               | 131          | 521,681.591400  | 2,375,861.844800 |
| 131 - 132 | 23°57'46"NW | 5.28               | 132          | 521,679.448100  | 2,375,866.667100 |
| 132 - 133 | 04°08'22"NW | 4.24               | 133          | 521,679.142100  | 2,375,870.895100 |
| 133 - 134 | 33°46'10"NE | 2.71               | 134          | 521,680.650900  | 2,375,873.151500 |
| 134 - 135 | 29°39'09"NE | 3.42               | 135          | 521,682.342100  | 2,375,876.122200 |
| 135 - 136 | 25°00'58"NE | 4.68               | 136          | 521,684.321400  | 2,375,880.363700 |
| 136 - 137 | 47°51'18"NE | 3.62               | 137          | 521,687.008500  | 2,375,882.795500 |
| 137 - 138 | 08°30'26"NW | 4.10               | 138          | 521,686.402100  | 2,375,886.849400 |
| 138 - 139 | 38°05'37"NW | 4.27               | 139          | 521,683.765600  | 2,375,890.212600 |
| 139 - 140 | 30°52'11"NW | 3.22               | 140          | 521,682.115500  | 2,375,892.973000 |
| 140 - 141 | 03°24'08"NE | 3.91               | 141          | 521,682.347700  | 2,375,896.878600 |
| 141 - 142 | 50°55'57"NE | 3.64               | 142          | 521,685.172400  | 2,375,899.171500 |
| 142 - 143 | 01°57'43"NW | 2.48               | 143          | 521,685.087600  | 2,375,901.646900 |
| 143 - 144 | 61°50'03"NW | 5.11               | 144          | 521,680.581100  | 2,375,904.059800 |
| 144 - 145 | 82°25'04"SW | 4.87               | 145          | 521,675.758100  | 2,375,903.417800 |
| 145 - 146 | 09°27'08"NE | 4.70               | 146          | 521,676.530000  | 2,375,908.054200 |
| 146 - 147 | 69°02'07"NE | 4.62               | 147          | 521,680.847600  | 2,375,909.708500 |
| 147 - 148 | 84°59'38"SE | 4.52               | 148          | 521,685.350300  | 2,375,909.314100 |
| 148 - 149 | 09°12'29"NE | 3.62               | 149          | 521,685.929200  | 2,375,912.885100 |
| 149 - 150 | 18°41'58"NW | 1.04               | 150          | 521,685.595700  | 2,375,913.870400 |
| 150 - 151 | 56°21'11"NW | 3.56               | 151          | 521,682.631800  | 2,375,915.843100 |
| 151 - 152 | 37°18'53"NW | 4.90               | 152          | 521,679.663300  | 2,375,919.737700 |
| 152 - 153 | 51°30'28"NW | 4.05               | 153          | 521,676.495200  | 2,375,922.257000 |
| 153 - 154 | 71°23'01"NE | 3.18               | 154          | 521,679.506600  | 2,375,923.271400 |
| 154 - 155 | 25°47'41"NE | 3.39               | 155          | 521,680.983400  | 2,375,926.327000 |
| 155 - 156 | 06°00'03"NW | 6.62               | 156          | 521,680.291400  | 2,375,932.910000 |
| 156 - 157 | 73°12'27"NW | 3.54               | 157          | 521,676.904100  | 2,375,933.932200 |
| 157 - 158 | 22°15'47"NW | 2.14               | 158          | 521,676.093900  | 2,375,935.911300 |
| 158 - 159 | 02°42'35"NW | 1.98               | 159          | 521,676.000500  | 2,375,937.884700 |
| 159 - 160 | 34°47'22"NE | 2.81               | 160          | 521,677.604600  | 2,375,940.193600 |
| 160 - 161 | 39°56'28"NW | 5.37               | 161          | 521,674.156200  | 2,375,944.311800 |
| 161 - 162 | 06°41'54"NW | 3.84               | 162          | 521,673.707800  | 2,375,948.129800 |
| 162 - 163 | 26°23'57"NW | 7.85               | 163          | 521,670.216100  | 2,375,955.164000 |
| 163 - 164 | 00°13'57"NW | 5.57               | 164          | 521,670.193500  | 2,375,960.732600 |
| 164 - 165 | 21°08'40"NW | 5.54               | 165          | 521,668.196800  | 2,375,965.895200 |
| 165 - 166 | 11°27'22"NE | 2.91               | 166          | 521,668.774900  | 2,375,968.747800 |
| 166 - 167 | 26°55'28"NE | 6.64               | 167          | 521,671.783500  | 2,375,974.671800 |
| 167 - 168 | 33°15'58"NE | 2.95               | 168          | 521,673.404300  | 2,375,977.142400 |
| 168 - 169 | 03°25'36"NW | 3.53               | 169          | 521,673.193000  | 2,375,980.671000 |
| 169 - 170 | 15°12'51"NE | 3.22               | 170          | 521,674.038500  | 2,375,983.779900 |
| 170 - 171 | 35°14'52"NW | 1.06               | 171          | 521,673.428500  | 2,375,984.643100 |
| 171 - 172 | 19°21'03"NW | 4.21               | 172          | 521,672.034200  | 2,375,988.613300 |
| 172 - 173 | 09°36'04"NW | 4.95               | 173          | 521,671.207800  | 2,375,993.498600 |
| 173 - 174 | 26°59'58"NE | 2.71               | 174          | 521,672.436400  | 2,375,995.909900 |
| 174 - 175 | 17°11'23"NW | 6.85               | 175          | 521,670.411700  | 2,376,002.454700 |
| 175 - 176 | 64°34'14"NW | 2.21               | 176          | 521,668.418700  | 2,376,003.402300 |
| 176 - 177 | 12°48'19"NW | 4.50               | 177          | 521,667.420700  | 2,376,007.793100 |
| 177 - 1   | 02°43'35"NE | 4.20               | 1            |                 |                  |

Zona Núcleo

**“Cruces”****(Superficie 1-12-75.46 hectáreas)**

Los límites de la zona núcleo Cruces corresponden a los del polígono 7.

**Polígono 8****(Superficie 0-09-53.16 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 521,816.853400  | 2,374,821.905400 |
| 1 - 2   | 89°55'23"NE | 2.47                  | 2            | 521,819.318500  | 2,374,821.908700 |
| 2 - 3   | 65°01'24"SE | 11.48                 | 3            | 521,829.724500  | 2,374,817.061500 |
| 3 - 4   | 30°48'09"SW | 9.90                  | 4            | 521,824.656500  | 2,374,808.560700 |
| 4 - 5   | 20°26'55"SW | 6.30                  | 5            | 521,822.456000  | 2,374,802.659100 |
| 5 - 6   | 49°36'39"SW | 9.85                  | 6            | 521,814.955800  | 2,374,796.278400 |
| 6 - 7   | 02°09'21"SW | 5.67                  | 7            | 521,814.742600  | 2,374,790.615500 |
| 7 - 8   | 11°21'49"SW | 8.91                  | 8            | 521,812.987600  | 2,374,781.883100 |
| 8 - 9   | 06°35'48"SW | 7.60                  | 9            | 521,812.114300  | 2,374,774.331700 |
| 9 - 10  | 37°07'07"SW | 10.96                 | 10           | 521,805.500700  | 2,374,765.592900 |
| 10 - 11 | 47°33'26"SW | 12.25                 | 11           | 521,796.457100  | 2,374,757.322600 |
| 11 - 12 | 20°06'43"SW | 7.04                  | 12           | 521,794.036700  | 2,374,750.712900 |
| 12 - 13 | 64°19'12"NW | 7.60                  | 13           | 521,787.186100  | 2,374,754.006900 |

A partir de este vértice 13 se continúa por la línea de costa, con un rumbo general Sureste y una distancia aproximada de 75.03 metros hasta llegar al vértice 1.

**Zona de Núcleo****“Tortugas”****(Superficie 0-09-53.16 hectáreas)**

Los límites de la zona núcleo Tortugas corresponden a los del polígono 8.

**Polígono 9****(Superficie 0-06-38.74 hectáreas)**

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|--------------|-----------------|------------------|
|        |             |                       |              | X               | Y                |
|        |             |                       | 1            | 521,809.958300  | 2,374,735.397900 |
| 1 - 2  | 50°03'55"SE | 8.07                  | 2            | 521,816.148900  | 2,374,730.215400 |
| 2 - 3  | 23°59'19"SE | 4.90                  | 3            | 521,818.142600  | 2,374,725.735100 |
| 3 - 4  | 02°53'49"SE | 8.98                  | 4            | 521,818.596300  | 2,374,716.769800 |
| 4 - 5  | 11°51'23"SW | 7.48                  | 5            | 521,817.060300  | 2,374,709.453500 |
| 5 - 6  | 04°22'59"SW | 5.68                  | 6            | 521,816.626200  | 2,374,703.790200 |
| 6 - 7  | 00°04'37"SE | 9.67                  | 7            | 521,816.639200  | 2,374,694.116500 |
| 7 - 8  | 08°30'28"SW | 7.40                  | 8            | 521,815.544800  | 2,374,686.800700 |
| 8 - 9  | 08°56'37"SE | 5.73                  | 9            | 521,816.435800  | 2,374,681.139200 |
| 9 - 10 | 46°32'24"SW | 7.90                  | 10           | 521,810.701100  | 2,374,675.704800 |

A partir de este vértice 10 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 57.74 metros hasta llegar al vértice 11.

|        |             |      |    |                |                  |
|--------|-------------|------|----|----------------|------------------|
|        |             |      | 11 | 521,804.649600 | 2,374,731.688900 |
| 11 - 1 | 55°03'33"NE | 6.48 | 1  |                |                  |

**Zona de Amortiguamiento**

**“Camping”****(Superficie 0-06-38.74 hectáreas)**

Los límites de la zona de amortiguamiento Camping corresponden a los del polígono 9.

**Polígono 10****(Superficie 0-04-18.32 hectáreas)**

| Est-PV                                                                                                                                                            | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                   |             |                       |              | X               | Y                |
|                                                                                                                                                                   |             |                       | 1            | 521,872.007800  | 2,374,594.175000 |
| 1 - 2                                                                                                                                                             | 87°37'49"NE | 5.28                  | 2            | 521,877.285900  | 2,374,594.393400 |
| 2 - 3                                                                                                                                                             | 25°09'25"SE | 8.86                  | 3            | 521,881.051100  | 2,374,586.376400 |
| 3 - 4                                                                                                                                                             | 21°09'19"SE | 4.30                  | 4            | 521,882.602500  | 2,374,582.367400 |
| 4 - 5                                                                                                                                                             | 00°04'39"SE | 7.31                  | 5            | 521,882.612400  | 2,374,575.053100 |
| 5 - 6                                                                                                                                                             | 03°19'26"SE | 7.80                  | 6            | 521,883.064600  | 2,374,567.267500 |
| 6 - 7                                                                                                                                                             | 08°29'04"SE | 4.53                  | 7            | 521,883.733200  | 2,374,562.785500 |
| 7 - 8                                                                                                                                                             | 00°04'38"SE | 11.56                 | 8            | 521,883.748800  | 2,374,551.224200 |
| 8 - 9                                                                                                                                                             | 80°51'26"SW | 3.09                  | 9            | 521,880.694200  | 2,374,550.732600 |
| A partir de este vértice 9 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 44.13 metros hasta llegar al vértice 10. |             |                       |              |                 |                  |
|                                                                                                                                                                   |             |                       | 10           | 521,871.402200  | 2,374,586.273400 |
| 10 - 1                                                                                                                                                            | 04°22'57"NE | 7.92                  | 1            |                 |                  |

**Zona de amortiguamiento****“Ixmapoit 2” (Norte)****(Superficie 0-04-18.32 hectáreas)**

Los límites de la zona de amortiguamiento Ixmapoit 2 (Norte) corresponden a los del polígono 10.

**Polígono 11****(Superficie 0-24-78.50 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 521,869.661700  | 2,374,505.946900 |
| 1 - 2   | 02°45'55"SE | 5.00                  | 2            | 521,869.903100  | 2,374,500.949200 |
| 2 - 3   | 13°50'21"SW | 8.26                  | 3            | 521,867.926200  | 2,374,492.924400 |
| 3 - 4   | 19°50'22"SW | 7.78                  | 4            | 521,865.285900  | 2,374,485.606500 |
| 4 - 5   | 06°05'13"SW | 6.17                  | 5            | 521,864.631600  | 2,374,479.471100 |
| 5 - 6   | 30°00'43"SW | 5.73                  | 6            | 521,861.767300  | 2,374,474.512400 |
| 6 - 7   | 36°44'58"SW | 5.90                  | 7            | 521,858.240000  | 2,374,469.788700 |
| 7 - 8   | 07°49'03"SW | 6.43                  | 8            | 521,857.365200  | 2,374,463.417000 |
| 8 - 9   | 09°57'21"SE | 10.30                 | 9            | 521,859.145700  | 2,374,453.273800 |
| 9 - 10  | 48°14'39"SW | 7.10                  | 10           | 521,853.851700  | 2,374,448.547800 |
| 10 - 11 | 59°05'05"SW | 8.75                  | 11           | 521,846.348800  | 2,374,444.054700 |
| 11 - 12 | 28°40'34"SW | 7.80                  | 12           | 521,842.603600  | 2,374,437.207200 |
| 12 - 13 | 54°53'20"SW | 8.63                  | 13           | 521,835.543000  | 2,374,432.242900 |
| 13 - 14 | 48°52'58"SW | 7.91                  | 14           | 521,829.587100  | 2,374,427.044100 |
| 14 - 15 | 55°41'38"SW | 7.30                  | 15           | 521,823.553000  | 2,374,422.927000 |
| 15 - 16 | 20°53'05"SW | 5.96                  | 16           | 521,821.428600  | 2,374,417.359300 |
| 16 - 17 | 29°31'57"SW | 7.60                  | 17           | 521,817.683000  | 2,374,410.747800 |
| 17 - 18 | 35°11'29"SW | 13.00                 | 18           | 521,810.188400  | 2,374,400.120200 |
| 18 - 19 | 53°15'06"SW | 9.09                  | 19           | 521,802.907600  | 2,374,394.683700 |
| 19 - 20 | 59°41'32"SW | 8.44                  | 20           | 521,795.625200  | 2,374,390.426900 |
| 20 - 21 | 40°26'26"SW | 7.14                  | 21           | 521,790.994700  | 2,374,384.993900 |
| 21 - 22 | 56°36'04"SW | 3.44                  | 22           | 521,788.126100  | 2,374,383.102500 |
| 22 - 23 | 31°53'15"SW | 4.17                  | 23           | 521,785.922400  | 2,374,379.560400 |
| 23 - 24 | 43°56'19"SW | 10.17                 | 24           | 521,778.865000  | 2,374,372.236600 |
| 24 - 25 | 51°42'51"SW | 5.34                  | 25           | 521,774.673200  | 2,374,368.927800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 25 - 26 | 37°52'38"SW | 5.39                  | 26           | 521,771.366200  | 2,374,364.676300 |
| 26 - 27 | 32°59'37"SW | 6.48                  | 27           | 521,767.839800  | 2,374,359.244800 |
| 27 - 28 | 63°32'44"SW | 6.51                  | 28           | 521,762.014900  | 2,374,356.346400 |
| 28 - 29 | 38°39'50"SW | 5.91                  | 29           | 521,758.323400  | 2,374,351.732700 |
| 29 - 30 | 35°19'08"SW | 6.43                  | 30           | 521,754.605900  | 2,374,346.486000 |
| 30 - 31 | 64°14'50"SW | 4.90                  | 31           | 521,750.191700  | 2,374,344.356600 |
| 31 - 32 | 40°19'08"SW | 6.82                  | 32           | 521,745.781600  | 2,374,339.159900 |
| 32 - 33 | 35°40'40"SW | 7.56                  | 33           | 521,741.372800  | 2,374,333.019400 |
| 33 - 34 | 46°59'09"SW | 9.35                  | 34           | 521,734.534900  | 2,374,326.639800 |
| 34 - 35 | 54°40'57"SW | 16.77                 | 35           | 521,720.855100  | 2,374,316.947700 |
| 35 - 36 | 65°37'41"SW | 17.20                 | 36           | 521,705.184100  | 2,374,309.848300 |
| 36 - 37 | 43°46'01"NW | 7.75                  | 37           | 521,699.825500  | 2,374,315.442600 |

A partir de este vértice 37 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 260.06 metros hasta llegar al vértice 38.

|        |             |      |    |                |                  |
|--------|-------------|------|----|----------------|------------------|
|        |             |      | 38 | 521,867.196600 | 2,374,505.943600 |
| 38 - 1 | 89°55'23"NE | 2.47 | 1  |                |                  |

### Zona de amortiguamiento

#### "Ixmapoit 1" (Sur)

(Superficie 0-24-78.50 hectáreas)

Los límites de la zona de amortiguamiento Ixmapoit 1 (Sur) corresponden a los del polígono 11.

### Polígono 12

(Superficie 0-24-51.62 hectáreas)

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
|         |             |                    | 1            | 521,877.307200  | 2,373,610.854600 |
| 1 - 2   | 51°55'38"SE | 10.66              | 2            | 521,885.697800  | 2,373,604.282000 |
| 2 - 3   | 39°03'18"SE | 19.99              | 3            | 521,898.291400  | 2,373,588.760800 |
| 3 - 4   | 14°45'53"SE | 6.81               | 4            | 521,900.026000  | 2,373,582.179200 |
| 4 - 5   | 11°40'24"SW | 7.26               | 5            | 521,898.556500  | 2,373,575.066600 |
| 5 - 6   | 32°42'54"SE | 5.94               | 6            | 521,901.768000  | 2,373,570.067100 |
| 6 - 7   | 17°52'14"SE | 9.68               | 7            | 521,904.738700  | 2,373,560.853600 |
| 7 - 8   | 27°07'33"SE | 9.76               | 8            | 521,909.187900  | 2,373,552.168800 |
| 8 - 9   | 14°33'23"SE | 7.89               | 9            | 521,911.170400  | 2,373,544.534100 |
| 9 - 10  | 16°02'19"SE | 9.86               | 10           | 521,913.894900  | 2,373,535.056900 |
| 10 - 11 | 01°19'27"SE | 11.33              | 11           | 521,914.156700  | 2,373,523.732900 |
| 11 - 12 | 06°45'05"SE | 10.61              | 12           | 521,915.403600  | 2,373,513.200300 |
| 12 - 13 | 01°50'14"SW | 14.76              | 13           | 521,914.930500  | 2,373,498.451600 |
| 13 - 14 | 06°19'55"SW | 6.63               | 14           | 521,914.199800  | 2,373,491.866700 |
| 14 - 15 | 10°52'59"SW | 7.78               | 15           | 521,912.731000  | 2,373,484.227300 |
| 15 - 16 | 07°02'15"SW | 7.96               | 16           | 521,911.755500  | 2,373,476.325300 |
| 16 - 17 | 41°38'22"SW | 7.41               | 17           | 521,906.832500  | 2,373,470.788100 |
| 17 - 18 | 19°11'56"SE | 7.53               | 18           | 521,909.307400  | 2,373,463.680800 |
| 18 - 19 | 05°27'14"SW | 7.67               | 19           | 521,908.578100  | 2,373,456.042400 |
| 19 - 20 | 72°39'31"SW | 14.20              | 20           | 521,895.025000  | 2,373,451.810400 |
| 20 - 21 | 51°55'38"SE | 6.41               | 21           | 521,888.953400  | 2,373,453.858200 |

A partir de este vértice 21 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 160.72 metros hasta llegar al vértice 22.

|         |             |      |    |                |                  |
|---------|-------------|------|----|----------------|------------------|
|         |             |      | 22 | 521,866.563900 | 2,373,603.941900 |
| 22 - 23 | 49°24'14"NE | 4.05 | 23 | 521,869.641900 | 2,373,606.579700 |
| 23 - 1  | 60°51'06"NE | 8.78 | 1  |                |                  |

### Zona Núcleo

**“Garzas”****(Superficie 0-24-51.62 hectáreas)**

Los límites de la zona núcleo Garzas corresponden a los del polígono 12.

**Polígono 13****(Superficie 0-43-66.29 hectáreas)**

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|--------------|-----------------|------------------|
|        |             |                       |              | X               | Y                |
|        |             |                       | 1            | 522,237.451700  | 2,373,453.754000 |
| 1 - 2  | 59°38'31"SE | 30.09                 | 2            | 522,263.412900  | 2,373,438.548200 |

A partir de este vértice 2 se continúa por el límite de la línea de costa con un rumbo general SW y una distancia aproximada de 124.34 m hasta llegar al vértice 3.

|         |             |       |    |                |                  |
|---------|-------------|-------|----|----------------|------------------|
|         |             |       | 3  | 522,235.508000 | 2,373,317.384000 |
| 3 - 4   | 20°26'50"SW | 3.52  | 4  | 522,234.279800 | 2,373,314.089800 |
| 4 - 5   | 14°53'41"SW | 4.77  | 5  | 522,233.053500 | 2,373,309.479400 |
| 5 - 6   | 52°34'32"SW | 5.43  | 6  | 522,228.743800 | 2,373,306.181500 |
| 6 - 7   | 81°24'04"NW | 4.36  | 7  | 522,224.428700 | 2,373,306.834000 |
| 7 - 8   | 88°01'48"SW | 11.05 | 8  | 522,213.380700 | 2,373,306.454000 |
| 8 - 9   | 11°44'44"NW | 13.74 | 9  | 522,210.582900 | 2,373,319.910100 |
| 9 - 10  | 13°15'00"NW | 6.51  | 10 | 522,209.091900 | 2,373,326.242100 |
| 10 - 11 | 08°12'24"NE | 9.00  | 11 | 522,210.376800 | 2,373,335.151100 |
| 11 - 12 | 17°24'32"NW | 3.73  | 12 | 522,209.260100 | 2,373,338.712500 |
| 12 - 13 | 02°18'39"NW | 4.75  | 13 | 522,209.068400 | 2,373,343.462800 |
| 13 - 14 | 04°47'07"NE | 6.56  | 14 | 522,209.615300 | 2,373,349.995600 |
| 14 - 15 | 17°58'06"NW | 6.03  | 15 | 522,207.754500 | 2,373,355.733300 |
| 15 - 16 | 13°43'10"NW | 5.50  | 16 | 522,206.450200 | 2,373,361.075800 |
| 16 - 17 | 17°54'54"NW | 6.65  | 17 | 522,204.403400 | 2,373,367.407100 |
| 17 - 18 | 03°04'41"NW | 7.49  | 18 | 522,204.001100 | 2,373,374.888100 |
| 18 - 19 | 58°42'23"NW | 5.40  | 19 | 522,199.386500 | 2,373,377.693100 |
| 19 - 20 | 22°27'52"NW | 5.35  | 20 | 522,197.341500 | 2,373,382.638800 |
| 20 - 21 | 25°57'11"NE | 5.07  | 21 | 522,199.558800 | 2,373,387.194400 |
| 21 - 22 | 47°01'53"NE | 5.82  | 22 | 522,203.815000 | 2,373,391.159000 |
| 22 - 23 | 14°05'38"NW | 3.06  | 23 | 522,203.069800 | 2,373,394.127100 |
| 23 - 24 | 00°04'43"NW | 4.95  | 24 | 522,203.063000 | 2,373,399.075600 |
| 24 - 25 | 12°44'25"NW | 5.07  | 25 | 522,201.944500 | 2,373,404.022500 |
| 25 - 26 | 23°08'35"NE | 5.17  | 26 | 522,203.976200 | 2,373,408.775800 |
| 26 - 27 | 44°29'53"NE | 5.28  | 27 | 522,207.676800 | 2,373,412.541800 |
| 27 - 28 | 37°04'33"NE | 5.22  | 28 | 522,210.821000 | 2,373,416.702800 |
| 28 - 29 | 19°15'51"NE | 8.39  | 29 | 522,213.589500 | 2,373,424.624200 |
| 29 - 30 | 41°48'59"NE | 6.38  | 30 | 522,217.844600 | 2,373,429.380500 |
| 30 - 31 | 29°14'30"NE | 3.41  | 31 | 522,219.508100 | 2,373,432.351900 |
| 31 - 32 | 23°36'44"NE | 6.92  | 32 | 522,222.278700 | 2,373,438.689800 |
| 32 - 33 | 45°19'21"NE | 6.77  | 33 | 522,227.089700 | 2,373,443.446900 |
| 33 - 34 | 43°01'52"NE | 5.96  | 34 | 522,231.160100 | 2,373,447.807100 |
| 34 - 1  | 46°36'47"NE | 8.66  | 1  |                |                  |

**Zona Núcleo**

**“Punta Sur 1”****(Superficie 0-43-66.29 hectáreas)**

Los límites de la zona núcleo Punta Sur 1 corresponden a los del polígono 13.

**Polígono 14****(Superficie 0-38-61.13 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 521,901.465200  | 2,373,429.170300 |
| 1 - 2   | 88°43'04"SE | 11.10                 | 2            | 521,912.559100  | 2,373,428.922000 |
| 2 - 3   | 85°33'09"SE | 13.35                 | 3            | 521,925.872900  | 2,373,427.886500 |
| 3 - 4   | 76°30'57"SE | 7.86                  | 4            | 521,933.517700  | 2,373,426.053400 |
| 4 - 5   | 61°58'07"SE | 8.94                  | 5            | 521,941.412200  | 2,373,421.850300 |
| 5 - 6   | 59°14'28"SE | 9.76                  | 6            | 521,949.800800  | 2,373,416.857900 |
| 6 - 7   | 54°00'30"SE | 6.71                  | 7            | 521,955.229700  | 2,373,412.914800 |
| 7 - 8   | 29°23'53"SE | 6.04                  | 8            | 521,958.195100  | 2,373,407.651700 |
| 8 - 9   | 37°42'21"SE | 5.65                  | 9            | 521,961.652500  | 2,373,403.179300 |
| 9 - 10  | 31°16'53"SE | 5.23                  | 10           | 521,964.370400  | 2,373,398.705900 |
| 10 - 11 | 36°54'20"SE | 6.58                  | 11           | 521,968.321900  | 2,373,393.444100 |
| 11 - 12 | 28°13'13"SE | 4.18                  | 12           | 521,970.299100  | 2,373,389.759800 |
| 12 - 13 | 25°09'32"SE | 6.40                  | 13           | 521,973.018700  | 2,373,383.969600 |
| 13 - 14 | 15°58'47"SE | 6.30                  | 14           | 521,974.752600  | 2,373,377.914700 |
| 14 - 15 | 30°10'07"SE | 6.39                  | 15           | 521,977.964900  | 2,373,372.388500 |
| 15 - 16 | 46°12'15"SE | 6.84                  | 16           | 521,982.901900  | 2,373,367.654800 |
| 16 - 17 | 36°37'06"SE | 7.87                  | 17           | 521,987.594400  | 2,373,361.340600 |
| 17 - 18 | 02°53'57"SW | 9.49                  | 18           | 521,987.114200  | 2,373,351.859000 |
| 18 - 19 | 21°13'48"SW | 6.78                  | 19           | 521,984.657500  | 2,373,345.535100 |
| 19 - 20 | 19°25'13"SE | 8.93                  | 20           | 521,987.627200  | 2,373,337.111700 |
| 20 - 21 | 41°33'26"SE | 12.65                 | 21           | 521,996.022000  | 2,373,327.642200 |
| 21 - 22 | 34°32'45"SE | 9.58                  | 22           | 522,001.456300  | 2,373,319.748800 |
| 22 - 23 | 19°02'36"SW | 7.53                  | 23           | 521,999.000700  | 2,373,312.634800 |
| 23 - 24 | 01°15'47"SW | 10.54                 | 24           | 521,998.768400  | 2,373,302.100200 |
| 24 - 25 | 02°16'51"SE | 19.24                 | 25           | 521,999.534100  | 2,373,282.876100 |
| 25 - 26 | 05°27'14"SW | 7.67                  | 26           | 521,998.804800  | 2,373,275.237800 |
| 26 - 27 | 17°48'42"SW | 8.03                  | 27           | 521,996.349900  | 2,373,267.597100 |
| 27 - 28 | 35°27'49"SW | 12.30                 | 28           | 521,989.214200  | 2,373,257.579800 |
| 28 - 29 | 60°25'54"SW | 9.63                  | 29           | 521,980.838700  | 2,373,252.828000 |
| 29 - 30 | 58°33'28"NW | 15.62                 | 30           | 521,967.515200  | 2,373,260.974100 |

A partir de este vértice 30 se continúa por la línea de costa, con un rumbo general Sureste y una distancia aproximada de 202.85 metros hasta llegar al vértice 31.

|        |             |      |    |                |                  |
|--------|-------------|------|----|----------------|------------------|
|        |             |      | 31 | 521,900.091500 | 2,373,420.953500 |
| 31 - 1 | 09°29'27"NE | 8.33 | 1  |                |                  |

**Zona Núcleo****“Ostreros”****(Superficie 0-38-61.13 hectáreas)**

Los límites de la zona núcleo Ostreros corresponden a los del polígono 14.

**Polígono 15****(Superficie 0-43-67.08 hectáreas)**

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|--------------|-----------------|------------------|
|        |             |                       |              | X               | Y                |
|        |             |                       | 1            | 521,996.310000  | 2,373,241.036200 |
| 1 - 2  | 87°31'45"SE | 13.35                 | 2            | 522,009.651700  | 2,373,240.460500 |
| 2 - 3  | 51°36'57"SE | 9.23                  | 3            | 522,016.885800  | 2,373,234.730100 |
| 3 - 4  | 37°42'24"SE | 8.50                  | 4            | 522,022.083100  | 2,373,228.007200 |
| 4 - 5  | 28°13'12"SE | 6.29                  | 5            | 522,025.055200  | 2,373,222.468900 |
| 5 - 6  | 56°31'52"SE | 6.45                  | 6            | 522,030.433500  | 2,373,218.913300 |
| 6 - 7  | 47°44'20"SE | 8.52                  | 7            | 522,036.741100  | 2,373,213.181700 |
| 7 - 8  | 71°52'55"SE | 5.07                  | 8            | 522,041.560800  | 2,373,211.604700 |
| 8 - 9  | 67°10'53"SE | 8.65                  | 9            | 522,049.532900  | 2,373,208.250500 |



| Est-PV                                                                                                                                                               | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                      |             |                       |              | X               | Y                |
| 9 - 10                                                                                                                                                               | 65°01'44"SE | 6.54                  | 10           | 522,055.466000  | 2,373,205.487500 |
| 10 - 11                                                                                                                                                              | 54°08'22"SE | 6.41                  | 11           | 522,060.659200  | 2,373,201.733700 |
| 11 - 12                                                                                                                                                              | 51°40'41"SE | 7.33                  | 12           | 522,066.409400  | 2,373,197.188900 |
| 12 - 13                                                                                                                                                              | 65°12'21"SE | 10.82                 | 13           | 522,076.236000  | 2,373,192.649600 |
| 13 - 14                                                                                                                                                              | 69°57'44"SE | 6.91                  | 14           | 522,082.724400  | 2,373,190.283200 |
| 14 - 15                                                                                                                                                              | 72°18'29"SE | 5.84                  | 15           | 522,088.285500  | 2,373,188.509300 |
| 15 - 16                                                                                                                                                              | 89°55'16"NE | 2.04                  | 16           | 522,090.323700  | 2,373,188.512100 |
| 16 - 17                                                                                                                                                              | 69°25'11"SE | 6.73                  | 17           | 522,096.626800  | 2,373,186.145400 |
| 17 - 18                                                                                                                                                              | 47°35'56"SE | 7.03                  | 18           | 522,101.821400  | 2,373,181.401900 |
| 18 - 19                                                                                                                                                              | 73°11'01"SE | 19.75                 | 19           | 522,120.728900  | 2,373,175.687500 |
| 19 - 20                                                                                                                                                              | 85°07'57"NE | 9.48                  | 20           | 522,130.177600  | 2,373,176.492100 |
| 20 - 21                                                                                                                                                              | 76°07'35"SE | 8.21                  | 21           | 522,138.147800  | 2,373,174.523600 |
| 21 - 22                                                                                                                                                              | 80°15'52"NE | 21.24                 | 22           | 522,159.080800  | 2,373,178.115100 |
| 22 - 23                                                                                                                                                              | 88°02'19"SE | 11.12                 | 23           | 522,170.198800  | 2,373,177.734400 |
| 23 - 24                                                                                                                                                              | 76°04'24"NE | 9.92                  | 24           | 522,179.830700  | 2,373,180.122800 |
| 24 - 25                                                                                                                                                              | 83°09'08"NE | 6.72                  | 25           | 522,186.500100  | 2,373,180.923700 |
| 25 - 26                                                                                                                                                              | 75°55'31"NE | 11.46                 | 26           | 522,197.613700  | 2,373,183.710000 |
| 26 - 27                                                                                                                                                              | 83°39'45"SE | 7.09                  | 27           | 522,204.655800  | 2,373,182.927900 |
| 27 - 28                                                                                                                                                              | 68°16'45"NE | 6.98                  | 28           | 522,211.137500  | 2,373,185.510000 |
| 28 - 29                                                                                                                                                              | 54°27'50"NE | 5.46                  | 29           | 522,215.580100  | 2,373,188.683100 |
| 29 - 30                                                                                                                                                              | 42°30'24"SE | 10.34                 | 30           | 522,222.568400  | 2,373,181.058500 |
| 30 - 31                                                                                                                                                              | 72°02'02"SE | 10.56                 | 31           | 522,232.617600  | 2,373,177.799900 |
| 31 - 32                                                                                                                                                              | 74°58'05"NE | 2.55                  | 32           | 522,235.082000  | 2,373,178.461700 |
| 32 - 33                                                                                                                                                              | 04°02'24"SW | 8.58                  | 33           | 522,234.477400  | 2,373,169.901700 |
| A partir de este vértice 33 se continúa por la línea de costa, con un rumbo general Suroeste y una distancia aproximada de 275.57 metros hasta llegar al vértice 34. |             |                       |              |                 |                  |
|                                                                                                                                                                      |             |                       | 34           | 521,987.864800  | 2,373,231.454700 |
| 34 - 1                                                                                                                                                               | 41°23'35"NE | 12.77                 | 1            |                 |                  |

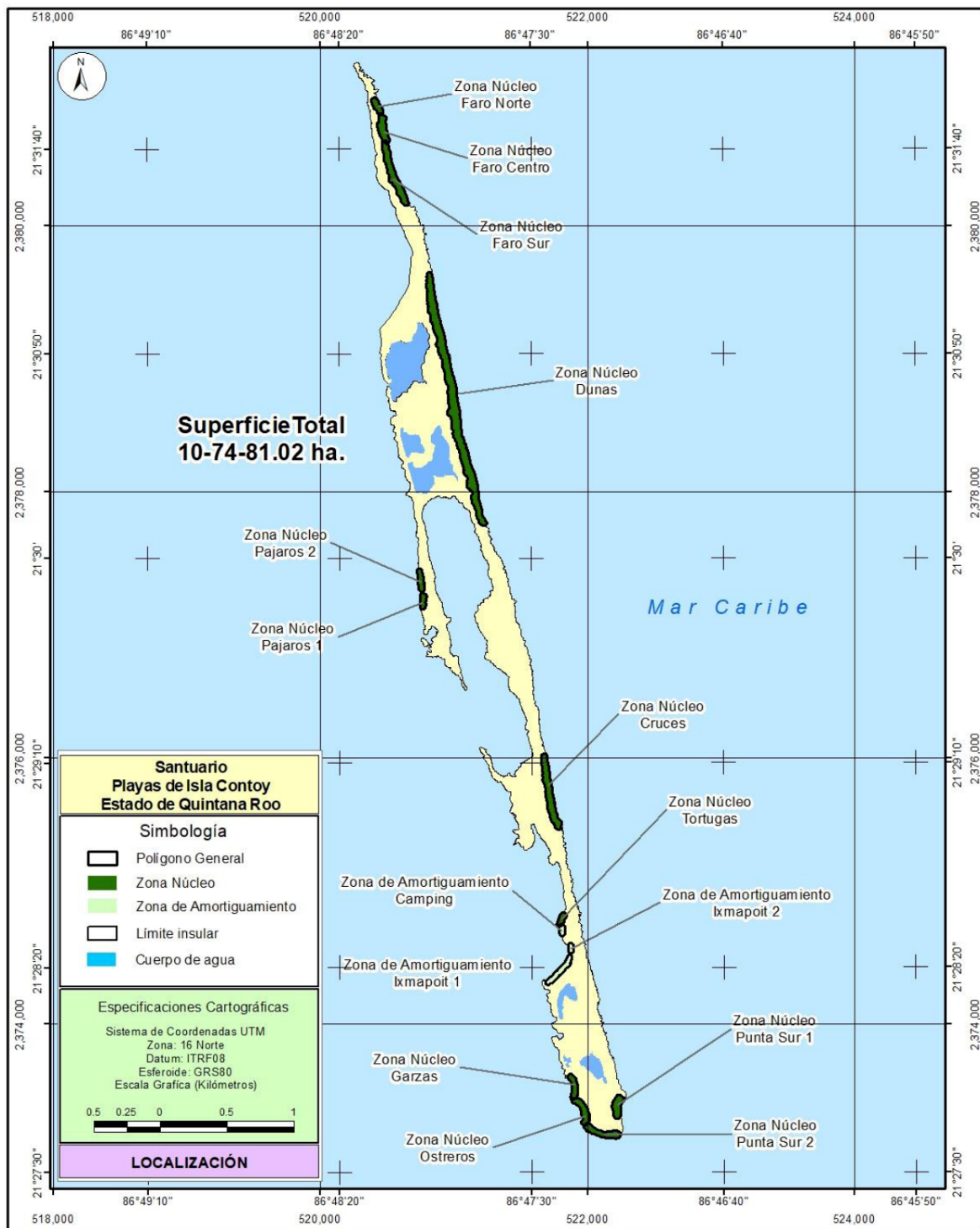
### Zona Núcleo

#### “Punta Sur 2”

(Superficie 0-43-67.08 hectáreas)

Los límites de la zona núcleo Punta Sur 2 corresponden a los del polígono 15.

| Polígono general      | Superficie (ha)  | Zonificación    | Nombre             | Superficie (ha)  |
|-----------------------|------------------|-----------------|--------------------|------------------|
| Playas de Isla Contoy | 10.748102        | Amortiguamiento | Camping            | 0.063874         |
|                       |                  |                 | Ixmapoit 2 (Norte) | 0.041832         |
|                       |                  |                 | Ixmapoit 1 (Sur)   | 0.247850         |
|                       |                  |                 | <b>Subtotal</b>    | <b>0.353556</b>  |
|                       |                  | Núcleo          | Faro Norte         | 0.188002         |
|                       |                  |                 | Faro Centro        | 0.486216         |
|                       |                  |                 | Faro Sur           | 0.986540         |
|                       |                  |                 | Dunas              | 5.736320         |
|                       |                  |                 | Pájaros 2 (Norte)  | 0.160598         |
|                       |                  |                 | Pájaros 1 (Sur)    | 0.109396         |
|                       |                  |                 | Cruces             | 1.127546         |
|                       |                  |                 | Tortugas           | 0.095316         |
|                       |                  |                 | Garzas             | 0.245162         |
|                       |                  |                 | Punta Sur 1        | 0.436629         |
|                       |                  |                 | Ostreros           | 0.386113         |
|                       |                  |                 | Punta Sur 2        | 0.436708         |
|                       |                  |                 | <b>Subtotal</b>    | <b>10.394546</b> |
| <b>Total</b>          | <b>10.748102</b> | <b>Total</b>    |                    | <b>10.748102</b> |



**“Playa Ceuta”**

El Santuario conocido como Playa Ceuta, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en los municipios de Culiacán, Elota y San Ignacio, en el estado de Sinaloa, con una superficie total de 503-09-33.73 hectáreas (QUINIENTAS TRES HECTÁREAS, NUEVE ÁREAS, TREINTA Y TRES PUNTO SETENTA Y TRES CENTIÁREAS). En el área se ubican ocho zonas de amortiguamiento con una superficie de 11-68-89.74 hectáreas (ONCE HECTÁREAS, SESENTA Y OCHO ÁREAS, OCHENTA Y NUEVE PUNTO SETENTA Y CUATRO CENTIÁREAS) y nueve zonas núcleo con una superficie de 491-40-43.99 hectáreas (CUATROCIENTAS NOVENTA Y UNA HECTÁREAS, CUARENTA ÁREAS, CUARENTA Y TRES PUNTO NOVENTA Y NUEVE CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Ceuta, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General****(Superficie 503-09-33.73 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
|         |             |                    | 1            | 277,201.139900  | 2,666,785.992700 |
| 1 - 2   | 33°52'49"SE | 299.04             | 2            | 277,367.845200  | 2,666,537.726100 |
| 2 - 3   | 35°01'39"SE | 209.80             | 3            | 277,488.263500  | 2,666,365.928200 |
| 3 - 4   | 50°13'35"SE | 228.71             | 4            | 277,664.045100  | 2,666,219.609700 |
| 4 - 5   | 48°42'53"SE | 213.04             | 5            | 277,824.128600  | 2,666,079.045800 |
| 5 - 6   | 49°45'44"SE | 183.31             | 6            | 277,964.064500  | 2,665,960.632800 |
| 6 - 7   | 49°56'21"SE | 318.04             | 7            | 278,207.483600  | 2,665,755.939500 |
| 7 - 8   | 50°17'26"SE | 170.67             | 8            | 278,338.777300  | 2,665,646.901700 |
| 8 - 9   | 49°17'05"SE | 150.59             | 9            | 278,452.915000  | 2,665,548.674900 |
| 9 - 10  | 51°46'18"SE | 353.23             | 10           | 278,730.395600  | 2,665,330.098100 |
| 10 - 11 | 48°38'32"SE | 281.79             | 11           | 278,941.905500  | 2,665,143.904000 |
| 11 - 12 | 49°59'00"SE | 320.61             | 12           | 279,187.445100  | 2,664,937.750800 |
| 12 - 13 | 50°08'28"SE | 305.83             | 13           | 279,422.206200  | 2,664,741.746600 |
| 13 - 14 | 49°53'46"SE | 325.21             | 14           | 279,670.951800  | 2,664,532.255800 |
| 14 - 15 | 49°45'31"SE | 340.60             | 15           | 279,930.944800  | 2,664,312.222600 |
| 15 - 16 | 49°50'38"SE | 528.20             | 16           | 280,334.644500  | 2,663,971.601800 |
| 16 - 17 | 49°41'10"SE | 175.09             | 17           | 280,468.155300  | 2,663,858.321500 |
| 17 - 18 | 49°19'20"SE | 1,031.06           | 18           | 281,250.102300  | 2,663,186.270600 |
| 18 - 19 | 48°54'14"SE | 800.07             | 19           | 281,853.040400  | 2,662,660.367700 |
| 19 - 20 | 48°44'56"SE | 395.71             | 20           | 282,150.548500  | 2,662,399.451200 |
| 20 - 21 | 47°58'30"SE | 310.94             | 21           | 282,381.535600  | 2,662,191.288700 |
| 21 - 22 | 48°26'59"SE | 481.57             | 22           | 282,741.928500  | 2,661,871.877000 |
| 22 - 23 | 48°54'51"SE | 761.30             | 23           | 283,315.737500  | 2,661,371.563200 |
| 23 - 24 | 48°49'04"SE | 525.87             | 24           | 283,711.517500  | 2,661,025.302500 |
| 24 - 25 | 48°45'11"SE | 307.26             | 25           | 283,942.535800  | 2,660,822.727600 |
| 25 - 26 | 48°08'16"SE | 299.76             | 26           | 284,165.785200  | 2,660,622.684600 |
| 26 - 27 | 48°59'43"SE | 425.04             | 27           | 284,486.548300  | 2,660,343.805400 |
| 27 - 28 | 48°27'46"SE | 1,001.82           | 28           | 285,236.440200  | 2,659,679.494100 |
| 28 - 29 | 48°17'26"SE | 716.97             | 29           | 285,771.678800  | 2,659,202.456800 |
| 29 - 30 | 48°15'59"SE | 670.80             | 30           | 286,272.266900  | 2,658,755.925000 |
| 30 - 31 | 47°19'08"SE | 496.30             | 31           | 286,637.118200  | 2,658,419.473600 |
| 31 - 32 | 48°35'08"SE | 769.72             | 32           | 287,214.368800  | 2,657,910.304700 |
| 32 - 33 | 49°02'21"SE | 1,455.45           | 33           | 288,313.465400  | 2,656,956.195300 |
| 33 - 34 | 48°28'02"SE | 470.40             | 34           | 288,665.597300  | 2,656,644.298000 |
| 34 - 35 | 48°02'10"SE | 480.62             | 35           | 289,022.967100  | 2,656,322.928700 |
| 35 - 36 | 48°32'25"SE | 735.02             | 36           | 289,573.806400  | 2,655,836.279500 |
| 36 - 37 | 47°47'32"SE | 1,200.67           | 37           | 290,463.161300  | 2,655,029.646500 |
| 37 - 38 | 47°20'49"SE | 762.85             | 38           | 291,024.215500  | 2,654,512.771300 |
| 38 - 39 | 47°14'57"SE | 1,585.88           | 39           | 292,188.745700  | 2,653,436.261100 |
| 39 - 40 | 45°58'14"SE | 654.93             | 40           | 292,659.633100  | 2,652,981.065500 |
| 40 - 41 | 41°03'30"NE | 1.10               | 41           | 292,660.358800  | 2,652,981.898600 |
| 41 - 42 | 41°03'09"NE | 14.29              | 42           | 292,669.744600  | 2,652,992.675700 |

| Est-PV   | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|----------|-------------|--------------------|--------------|-----------------|------------------|
|          |             |                    |              | X               | Y                |
| 42 - 43  | 46°58'05"SE | 674.74             | 43           | 293,162.965900  | 2,652,532.227500 |
| 43 - 44  | 10°58'21"SW | 15.09              | 44           | 293,160.093700  | 2,652,517.413600 |
| 44 - 45  | 46°59'05"SE | 396.83             | 45           | 293,450.244000  | 2,652,246.702000 |
| 45 - 46  | 45°31'30"SE | 324.62             | 46           | 293,681.876200  | 2,652,019.277300 |
| 46 - 47  | 89°54'15"SE | 7.73               | 47           | 293,689.604400  | 2,652,019.264400 |
| 47 - 48  | 50°28'25"SE | 69.23              | 48           | 293,743.000200  | 2,651,975.207200 |
| 48 - 49  | 29°54'30"SW | 13.32              | 49           | 293,736.359600  | 2,651,963.662800 |
| 49 - 50  | 45°05'46"SE | 311.83             | 50           | 293,957.224500  | 2,651,743.537900 |
| 50 - 51  | 47°04'47"SE | 202.99             | 51           | 294,105.873300  | 2,651,605.307800 |
| 51 - 52  | 47°41'31"SE | 13.33              | 52           | 294,115.732500  | 2,651,596.334100 |
| 52 - 53  | 52°45'00"NE | 5.97               | 53           | 294,120.486600  | 2,651,599.949200 |
| 53 - 54  | 47°52'04"SE | 266.75             | 54           | 294,318.307300  | 2,651,421.002600 |
| 54 - 55  | 43°49'53"SW | 5.68               | 55           | 294,314.371800  | 2,651,416.903200 |
| 55 - 56  | 47°11'08"SE | 114.40             | 56           | 294,398.288300  | 2,651,339.156800 |
| 56 - 57  | 47°41'31"SE | 48.62              | 57           | 294,434.247500  | 2,651,306.427300 |
| 57 - 58  | 83°30'56"NE | 11.14              | 58           | 294,445.315900  | 2,651,307.685300 |
| 58 - 59  | 47°48'08"SE | 110.61             | 59           | 294,527.255800  | 2,651,233.392800 |
| 59 - 60  | 48°05'45"SE | 303.79             | 60           | 294,753.358800  | 2,651,030.494200 |
| 60 - 61  | 47°41'10"SE | 411.28             | 61           | 295,057.486600  | 2,650,753.625300 |
| 61 - 62  | 46°58'55"SE | 583.42             | 62           | 295,484.046400  | 2,650,355.600700 |
| 62 - 63  | 46°45'39"SE | 145.20             | 63           | 295,589.827800  | 2,650,256.129800 |
| 63 - 64  | 45°30'32"SE | 138.44             | 64           | 295,688.587900  | 2,650,159.109200 |
| 64 - 65  | 41°45'08"SE | 108.31             | 65           | 295,760.714800  | 2,650,078.304800 |
| 65 - 66  | 41°43'41"SE | 169.78             | 66           | 295,873.722900  | 2,649,951.592900 |
| 66 - 67  | 46°57'28"SE | 89.07              | 67           | 295,938.822000  | 2,649,890.797500 |
| 67 - 68  | 43°19'32"SE | 294.61             | 68           | 296,140.966400  | 2,649,676.480000 |
| 68 - 69  | 45°44'59"SE | 231.88             | 69           | 296,307.062700  | 2,649,514.675100 |
| 69 - 70  | 42°36'29"SE | 178.89             | 70           | 296,428.166900  | 2,649,383.013200 |
| 70 - 71  | 44°22'08"SE | 145.83             | 71           | 296,530.146100  | 2,649,278.763100 |
| 71 - 72  | 45°34'06"SE | 405.25             | 72           | 296,819.532800  | 2,648,995.061400 |
| 72 - 73  | 45°04'35"SE | 142.79             | 73           | 296,920.634000  | 2,648,894.230100 |
| 73 - 74  | 44°47'49"SE | 177.15             | 74           | 297,045.453200  | 2,648,768.523100 |
| 74 - 75  | 43°30'32"SE | 454.39             | 75           | 297,358.286500  | 2,648,438.970200 |
| 75 - 76  | 43°21'10"SE | 258.03             | 76           | 297,535.419900  | 2,648,251.348000 |
| 76 - 77  | 44°10'03"SE | 329.88             | 77           | 297,765.267000  | 2,648,014.723600 |
| 77 - 78  | 42°06'16"SE | 302.67             | 78           | 297,968.205900  | 2,647,790.162900 |
| 78 - 79  | 40°50'28"SE | 207.85             | 79           | 298,104.135300  | 2,647,632.915600 |
| 79 - 80  | 38°57'17"SE | 236.99             | 80           | 298,253.134100  | 2,647,448.621100 |
| 80 - 81  | 43°55'52"SE | 405.65             | 81           | 298,534.573100  | 2,647,156.482900 |
| 81 - 82  | 43°32'35"SE | 225.60             | 82           | 298,689.992400  | 2,646,992.951900 |
| 82 - 83  | 42°53'29"SE | 342.31             | 83           | 298,922.972600  | 2,646,742.161300 |
| 83 - 84  | 44°50'42"SE | 186.93             | 84           | 299,054.793000  | 2,646,609.626100 |
| 84 - 85  | 43°55'25"SE | 237.37             | 85           | 299,219.455000  | 2,646,438.659500 |
| 85 - 86  | 43°25'17"SE | 257.39             | 86           | 299,396.374000  | 2,646,251.712800 |
| 86 - 87  | 45°48'04"SE | 489.77             | 87           | 299,747.501400  | 2,645,910.269800 |
| 87 - 88  | 44°34'39"SE | 246.77             | 88           | 299,920.706300  | 2,645,734.492400 |
| 88 - 89  | 43°55'32"SE | 252.41             | 89           | 300,095.807700  | 2,645,552.698000 |
| 89 - 90  | 44°29'08"SE | 378.41             | 90           | 300,360.974300  | 2,645,282.726900 |
| 90 - 91  | 43°54'38"SE | 249.39             | 91           | 300,533.935100  | 2,645,103.061500 |
| 91 - 92  | 45°11'20"SE | 54.32              | 92           | 300,572.474900  | 2,645,064.775200 |
| 92 - 93  | 44°58'01"SE | 249.57             | 93           | 300,748.848900  | 2,644,888.198400 |
| 93 - 94  | 44°58'01"SE | 696.54             | 94           | 301,241.095600  | 2,644,395.385600 |
| 94 - 95  | 44°44'29"SW | 9.10               | 95           | 301,234.688500  | 2,644,388.920400 |
| 95 - 96  | 43°47'21"SE | 89.25              | 96           | 301,296.448600  | 2,644,324.493400 |
| 96 - 97  | 35°23'01"SW | 1.08               | 97           | 301,295.822600  | 2,644,323.612000 |
| 97 - 98  | 40°53'57"SE | 4.87               | 98           | 301,299.011100  | 2,644,319.931000 |
| 98 - 99  | 34°55'13"NE | 1.21               | 99           | 301,299.704700  | 2,644,320.924500 |
| 99 - 100 | 43°43'25"SE | 75.67              | 100          | 301,352.004100  | 2,644,266.241600 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 100 - 101 | 32°56'52"SW | 1.29               | 101          | 301,351.302900  | 2,644,265.159700 |
| 101 - 102 | 43°20'51"SE | 76.75              | 102          | 301,403.984100  | 2,644,209.348900 |
| 102 - 103 | 42°56'38"SE | 17.85              | 103          | 301,416.146000  | 2,644,196.281300 |
| 103 - 104 | 31°45'23"SW | 9.46               | 104          | 301,411.169000  | 2,644,188.240600 |
| 104 - 105 | 43°54'51"SE | 419.62             | 105          | 301,702.211300  | 2,643,885.953500 |
| 105 - 106 | 33°27'32"NE | 5.93               | 106          | 301,705.480900  | 2,643,890.901000 |
| 106 - 107 | 44°48'53"NE | 8.63               | 107          | 301,711.561100  | 2,643,897.020600 |
| 107 - 108 | 43°11'33"SE | 1,493.30           | 108          | 302,733.651400  | 2,642,808.320200 |
| 108 - 109 | 39°30'36"SE | 118.68             | 109          | 302,809.156100  | 2,642,716.758500 |
| 109 - 110 | 84°05'54"NE | 23.14              | 110          | 302,832.173700  | 2,642,719.137800 |
| 110 - 111 | 59°54'00"SE | 24.95              | 111          | 302,853.755300  | 2,642,706.627400 |
| 111 - 112 | 84°59'18"NE | 20.57              | 112          | 302,874.243700  | 2,642,708.424100 |
| 112 - 113 | 10°29'29"SE | 10.90              | 113          | 302,876.228100  | 2,642,697.708500 |
| 113 - 114 | 31°49'39"SW | 13.55              | 114          | 302,869.084300  | 2,642,686.199100 |
| 114 - 115 | 12°45'26"SE | 21.57              | 115          | 302,873.846800  | 2,642,665.164600 |
| 115 - 116 | 53°17'09"SE | 29.21              | 116          | 302,897.262500  | 2,642,647.702100 |
| 116 - 117 | 43°24'31"SE | 40.43              | 117          | 302,925.043800  | 2,642,618.333300 |
| 117 - 118 | 47°01'57"SE | 140.47             | 118          | 303,027.828500  | 2,642,522.594000 |
| 118 - 119 | 48°48'24"SE | 172.06             | 119          | 303,157.298600  | 2,642,409.278200 |
| 119 - 120 | 56°30'33"SE | 72.58              | 120          | 303,217.825600  | 2,642,369.230300 |
| 120 - 121 | 31°10'20"SE | 34.13              | 121          | 303,235.494100  | 2,642,340.024400 |
| 121 - 122 | 33°53'10"SE | 78.40              | 122          | 303,279.206800  | 2,642,274.939300 |
| 122 - 123 | 43°21'37"SE | 72.89              | 123          | 303,329.253800  | 2,642,221.942700 |
| 123 - 124 | 82°35'06"NE | 73.79              | 124          | 303,402.422600  | 2,642,231.464800 |
| 124 - 125 | 80°12'47"SE | 82.22              | 125          | 303,483.448000  | 2,642,217.488700 |
| 125 - 126 | 17°53'31"SE | 52.96              | 126          | 303,499.720000  | 2,642,167.085500 |
| 126 - 127 | 12°26'07"SE | 79.25              | 127          | 303,516.785600  | 2,642,089.694700 |
| 127 - 128 | 09°28'47"SW | 55.23              | 128          | 303,507.689900  | 2,642,035.223200 |
| 128 - 129 | 21°39'23"SE | 11.40              | 129          | 303,511.897700  | 2,642,024.626000 |
| 129 - 130 | 47°53'16"SE | 275.94             | 130          | 303,716.597900  | 2,641,839.586100 |
| 130 - 131 | 45°07'56"SE | 115.28             | 131          | 303,798.304600  | 2,641,758.255900 |
| 131 - 132 | 39°34'48"SE | 153.04             | 132          | 303,895.814700  | 2,641,640.303700 |
| 132 - 133 | 39°16'50"SE | 159.38             | 133          | 303,996.722200  | 2,641,516.934500 |
| 133 - 134 | 30°45'28"SE | 99.39              | 134          | 304,047.552700  | 2,641,431.523200 |
| 134 - 135 | 34°52'08"SE | 121.25             | 135          | 304,116.873600  | 2,641,332.039700 |
| 135 - 136 | 41°07'31"SE | 94.13              | 136          | 304,178.786300  | 2,641,261.131200 |
| 136 - 137 | 35°55'22"SE | 64.04              | 137          | 304,216.357200  | 2,641,209.272800 |
| 137 - 138 | 57°08'39"SE | 60.47              | 138          | 304,267.157300  | 2,641,176.464400 |
| 138 - 139 | 42°35'59"SE | 62.54              | 139          | 304,309.490700  | 2,641,130.426800 |
| 139 - 140 | 39°54'49"SE | 71.75              | 140          | 304,355.528300  | 2,641,075.393400 |
| 140 - 141 | 42°10'01"SE | 55.16              | 141          | 304,392.555700  | 2,641,034.510500 |
| 141 - 142 | 28°55'09"SE | 53.65              | 142          | 304,418.499200  | 2,640,987.551500 |
| 142 - 143 | 37°16'32"SE | 65.32              | 143          | 304,458.059000  | 2,640,935.576000 |
| 143 - 144 | 42°29'21"SE | 136.04             | 144          | 304,549.948000  | 2,640,835.259300 |
| 144 - 145 | 42°29'21"SE | 124.30             | 145          | 304,633.909800  | 2,640,743.596800 |
| 145 - 146 | 45°19'23"SE | 175.50             | 146          | 304,758.708400  | 2,640,620.198000 |
| 146 - 147 | 46°00'17"SE | 152.27             | 147          | 304,868.250600  | 2,640,514.432100 |
| 147 - 148 | 50°01'09"SE | 69.11              | 148          | 304,921.208600  | 2,640,470.025500 |
| 148 - 149 | 45°20'35"SE | 62.49              | 149          | 304,965.658700  | 2,640,426.104600 |
| 149 - 150 | 41°12'09"SE | 126.32             | 150          | 305,048.871100  | 2,640,331.060800 |
| 150 - 151 | 42°38'09"SE | 72.65              | 151          | 305,098.081100  | 2,640,277.612500 |
| 151 - 152 | 42°32'19"SE | 41.81              | 152          | 305,126.349300  | 2,640,246.804900 |
| 152 - 153 | 41°25'21"SE | 277.59             | 153          | 305,310.006100  | 2,640,038.653400 |
| 153 - 154 | 43°16'23"SE | 118.11             | 154          | 305,390.964900  | 2,639,952.661400 |
| 154 - 155 | 44°21'25"SE | 104.36             | 155          | 305,463.923100  | 2,639,878.047000 |
| 155 - 156 | 41°46'26"SE | 85.66              | 156          | 305,520.987600  | 2,639,814.165600 |
| 156 - 157 | 44°49'23"SE | 100.25             | 157          | 305,591.655400  | 2,639,743.060500 |
| 157 - 158 | 44°49'23"SE | 70.15              | 158          | 305,641.108500  | 2,639,693.301400 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 158 - 159 | 47°51'38"SE | 48.33              | 159          | 305,676.948300  | 2,639,660.872900 |
| 159 - 160 | 48°18'09"SE | 53.03              | 160          | 305,716.547300  | 2,639,625.594700 |
| 160 - 161 | 44°58'16"SE | 175.12             | 161          | 305,840.311200  | 2,639,501.706700 |
| 161 - 162 | 42°51'38"SE | 114.58             | 162          | 305,918.248800  | 2,639,417.720300 |
| 162 - 163 | 46°50'14"SE | 75.45              | 163          | 305,973.281700  | 2,639,366.108700 |
| 163 - 164 | 44°22'19"SE | 76.51              | 164          | 306,026.785400  | 2,639,311.419300 |
| 164 - 165 | 44°01'54"SE | 74.63              | 165          | 306,078.659700  | 2,639,257.761400 |
| 165 - 166 | 43°18'44"SE | 113.45             | 166          | 306,156.482100  | 2,639,175.213800 |
| 166 - 167 | 44°05'58"SE | 81.58              | 167          | 306,213.252000  | 2,639,116.631200 |
| 167 - 168 | 44°27'19"SE | 82.34              | 168          | 306,270.917000  | 2,639,057.859700 |
| 168 - 169 | 44°27'19"SE | 96.53              | 169          | 306,338.522300  | 2,638,988.957100 |
| 169 - 170 | 44°27'19"SE | 96.75              | 170          | 306,406.284800  | 2,638,919.894200 |
| 170 - 171 | 44°27'41"SE | 114.09             | 171          | 306,486.200400  | 2,638,838.462400 |
| 171 - 172 | 44°28'23"SE | 91.90              | 172          | 306,550.580700  | 2,638,772.887200 |
| 172 - 173 | 44°28'23"SE | 149.66             | 173          | 306,655.432300  | 2,638,666.089500 |
| 173 - 174 | 44°28'23"SE | 55.21              | 174          | 306,694.110600  | 2,638,626.693300 |
| 174 - 175 | 74°12'41"SE | 28.49              | 175          | 306,721.525400  | 2,638,618.941700 |
| 175 - 176 | 10°27'05"SE | 27.71              | 176          | 306,726.552500  | 2,638,591.689500 |
| 176 - 177 | 33°22'22"SE | 24.78              | 177          | 306,740.182000  | 2,638,570.998100 |
| 177 - 178 | 40°04'09"SE | 137.34             | 178          | 306,828.591700  | 2,638,465.894300 |
| 178 - 179 | 42°19'33"SE | 107.45             | 179          | 306,900.943000  | 2,638,386.453800 |
| 179 - 180 | 47°17'02"SE | 44.97              | 180          | 306,933.986200  | 2,638,355.945300 |
| 180 - 181 | 45°26'51"SE | 47.90              | 181          | 306,968.117500  | 2,638,322.343100 |
| 181 - 182 | 32°29'35"SE | 52.70              | 182          | 306,996.428000  | 2,638,277.893100 |
| 182 - 183 | 40°45'57"SE | 159.65             | 183          | 307,100.674100  | 2,638,156.978200 |
| 183 - 184 | 37°54'00"SE | 52.98              | 184          | 307,133.217900  | 2,638,115.174000 |
| 184 - 185 | 34°01'02"SE | 38.34              | 185          | 307,154.665300  | 2,638,083.397700 |
| 185 - 186 | 44°34'49"SE | 50.11              | 186          | 307,189.838800  | 2,638,047.705100 |
| 186 - 187 | 40°58'57"SE | 56.08              | 187          | 307,226.616000  | 2,638,005.371700 |
| 187 - 188 | 45°10'08"SE | 63.42              | 188          | 307,271.595200  | 2,637,960.657000 |
| 188 - 189 | 57°48'11"SE | 17.80              | 189          | 307,286.655300  | 2,637,951.174300 |
| 189 - 190 | 44°50'22"SE | 44.44              | 190          | 307,317.988500  | 2,637,919.665100 |
| 190 - 191 | 37°17'43"SE | 48.33              | 191          | 307,347.274200  | 2,637,881.215600 |
| 191 - 192 | 37°17'42"SE | 46.60              | 192          | 307,375.508800  | 2,637,844.145900 |
| 192 - 193 | 31°10'30"SE | 49.57              | 193          | 307,401.167200  | 2,637,801.737400 |
| 193 - 194 | 31°21'39"SE | 41.89              | 194          | 307,422.968900  | 2,637,765.965600 |
| 194 - 195 | 30°30'15"SE | 31.69              | 195          | 307,439.055600  | 2,637,738.660600 |
| 195 - 196 | 22°58'14"SE | 55.86              | 196          | 307,460.857400  | 2,637,687.225500 |
| 196 - 197 | 16°15'14"SE | 77.59              | 197          | 307,482.575300  | 2,637,612.733900 |
| 197 - 198 | 06°29'57"SE | 42.07              | 198          | 307,487.337800  | 2,637,570.929600 |
| 198 - 199 | 22°52'25"SE | 36.76              | 199          | 307,501.625300  | 2,637,537.062900 |
| 199 - 200 | 24°57'46"SE | 33.85              | 200          | 307,515.912900  | 2,637,506.371200 |
| 200 - 201 | 26°19'53"SE | 29.23              | 201          | 307,528.876400  | 2,637,480.177900 |
| 201 - 202 | 20°07'28"SE | 346.90             | 202          | 307,648.230800  | 2,637,154.458000 |
| 202 - 203 | 07°05'24"SE | 25.41              | 203          | 307,651.366600  | 2,637,129.246600 |
| 203 - 204 | 24°56'37"SE | 18.82              | 204          | 307,659.304100  | 2,637,112.180900 |
| 204 - 205 | 31°11'08"SE | 46.11              | 205          | 307,683.178800  | 2,637,072.736700 |
| 205 - 206 | 23°39'40"SE | 179.40             | 206          | 307,755.175700  | 2,636,908.420300 |
| 206 - 207 | 05°57'44"SE | 400.62             | 207          | 307,796.790900  | 2,636,509.968100 |
| 207 - 208 | 01°54'33"SW | 30.45              | 208          | 307,795.776400  | 2,636,479.534400 |
| 208 - 209 | 19°20'57"SE | 18.01              | 209          | 307,801.744500  | 2,636,462.539200 |
| 209 - 210 | 16°49'29"SE | 576.07             | 210          | 307,968.485400  | 2,635,911.127900 |
| 210 - 211 | 04°08'54"SE | 27.13              | 211          | 307,970.448100  | 2,635,884.068300 |
| 211 - 212 | 09°37'23"SW | 17.22              | 212          | 307,967.569200  | 2,635,867.089100 |
| 212 - 213 | 01°49'14"SW | 19.83              | 213          | 307,966.939000  | 2,635,847.265000 |
| 213 - 214 | 02°11'04"SE | 58.30              | 214          | 307,969.161500  | 2,635,789.003600 |
| 214 - 215 | 03°56'43"SE | 36.92              | 215          | 307,971.701600  | 2,635,752.173500 |
| 215 - 216 | 01°47'24"SW | 25.41              | 216          | 307,970.907800  | 2,635,726.773500 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 216 - 217 | 12°20'20"SW | 10.40              | 217          | 307,968.685300  | 2,635,716.613500 |
| 217 - 218 | 40°21'52"SE | 8.33               | 218          | 307,974.082800  | 2,635,710.263500 |
| 218 - 219 | 09°44'37"SE | 15.95              | 219          | 307,976.781600  | 2,635,694.547200 |
| 219 - 220 | 06°47'20"SW | 13.43              | 220          | 307,975.194100  | 2,635,681.212100 |
| 220 - 221 | 03°59'27"SE | 4.56               | 221          | 307,975.511600  | 2,635,676.661300 |
| 221 - 222 | 11°34'16"SE | 18.20              | 222          | 307,979.162800  | 2,635,658.828400 |
| 222 - 223 | 04°11'47"SE | 25.31              | 223          | 307,981.014900  | 2,635,633.587100 |
| 223 - 224 | 23°43'12"SE | 15.26              | 224          | 307,987.153200  | 2,635,619.617000 |
| 224 - 225 | 07°18'34"SE | 40.76              | 225          | 307,992.339100  | 2,635,579.188600 |
| 225 - 226 | 13°29'27"SE | 24.72              | 226          | 307,998.107000  | 2,635,555.146800 |
| 226 - 227 | 09°27'43"SE | 17.70              | 227          | 308,001.017400  | 2,635,537.684200 |
| 227 - 228 | 04°06'44"SE | 40.59              | 228          | 308,003.927900  | 2,635,497.202900 |
| 228 - 229 | 02°08'03"SE | 42.63              | 229          | 308,005.515400  | 2,635,454.604900 |
| 229 - 230 | 00°00'00"SE | 23.28              | 230          | 308,005.515400  | 2,635,431.321500 |
| 230 - 231 | 09°38'53"SW | 26.84              | 231          | 308,001.017400  | 2,635,404.863100 |
| 231 - 232 | 15°42'32"SE | 17.59              | 232          | 308,005.780000  | 2,635,387.929800 |
| 232 - 233 | 52°20'03"SW | 19.05              | 233          | 307,990.698700  | 2,635,376.288100 |
| 233 - 234 | 25°33'36"SW | 13.49              | 234          | 307,984.877800  | 2,635,364.117200 |
| 234 - 235 | 09°02'22"SW | 11.79              | 235          | 307,983.025700  | 2,635,352.475500 |
| 235 - 236 | 13°20'55"SE | 16.04              | 236          | 307,986.729900  | 2,635,336.865100 |
| 236 - 237 | 21°19'03"SW | 11.64              | 237          | 307,982.496600  | 2,635,326.017100 |
| 237 - 238 | 11°59'49"SW | 21.64              | 238          | 307,977.998600  | 2,635,304.850400 |
| 238 - 239 | 19°12'14"SE | 24.94              | 239          | 307,986.200700  | 2,635,281.302500 |
| 239 - 240 | 39°48'18"SW | 12.40              | 240          | 307,978.263200  | 2,635,271.777400 |
| 240 - 241 | 43°15'53"SE | 6.18               | 241          | 307,982.496600  | 2,635,267.279500 |
| 241 - 242 | 76°36'27"NE | 5.71               | 242          | 307,988.052800  | 2,635,268.602400 |
| 242 - 243 | 15°42'32"SE | 8.80               | 243          | 307,990.434100  | 2,635,260.135700 |
| 243 - 244 | 36°18'49"SE | 27.25              | 244          | 308,006.573700  | 2,635,238.175300 |
| 244 - 245 | 06°20'23"SW | 7.19               | 245          | 308,005.780000  | 2,635,231.031500 |
| 245 - 246 | 59°02'10"SE | 9.26               | 246          | 308,013.717500  | 2,635,226.269000 |
| 246 - 247 | 00°00'00"SE | 9.52               | 247          | 308,013.717500  | 2,635,216.744000 |
| 247 - 248 | 13°04'09"SE | 15.21              | 248          | 308,017.157100  | 2,635,201.927300 |
| 248 - 249 | 51°20'24"SE | 6.78               | 249          | 308,022.448700  | 2,635,197.694000 |
| 249 - 250 | 03°16'12"SW | 9.28               | 250          | 308,021.919600  | 2,635,188.433500 |
| 250 - 251 | 57°22'51"SE | 7.85               | 251          | 308,028.534200  | 2,635,184.200200 |
| 251 - 252 | 17°49'07"SE | 15.56              | 252          | 308,033.296700  | 2,635,169.383500 |
| 252 - 253 | 30°57'48"SW | 12.34              | 253          | 308,026.946700  | 2,635,158.800100 |
| 253 - 254 | 12°31'39"SE | 2.44               | 254          | 308,027.475800  | 2,635,156.418900 |
| 254 - 255 | 50°31'38"SE | 11.65              | 255          | 308,036.471700  | 2,635,149.010500 |
| 255 - 256 | 03°20'18"SW | 31.80              | 256          | 308,034.619600  | 2,635,117.260500 |
| 256 - 257 | 13°37'36"SW | 17.97              | 257          | 308,030.386300  | 2,635,099.797900 |
| 257 - 258 | 47°22'07"SE | 14.45              | 258          | 308,041.014900  | 2,635,090.013700 |
| 258 - 259 | 76°25'04"SW | 16.92              | 259          | 308,024.565400  | 2,635,086.039600 |
| 259 - 260 | 13°12'46"SW | 31.25              | 260          | 308,017.421600  | 2,635,055.612400 |
| 260 - 261 | 84°48'22"SE | 5.84               | 261          | 308,023.242500  | 2,635,055.083300 |
| 261 - 262 | 31°23'58"SW | 23.87              | 262          | 308,010.807000  | 2,635,034.710300 |
| 262 - 263 | 40°33'04"SE | 4.51               | 263          | 308,013.740600  | 2,635,031.281700 |
| 263 - 264 | 29°53'11"SW | 21.24              | 264          | 308,003.157300  | 2,635,012.866700 |
| 264 - 265 | 24°18'15"SE | 7.20               | 265          | 308,006.120600  | 2,635,006.305000 |
| 265 - 266 | 57°16'15"SW | 11.07              | 266          | 307,996.806100  | 2,635,000.318500 |
| 266 - 267 | 07°40'34"SE | 6.35               | 267          | 307,997.653900  | 2,634,994.028300 |
| 267 - 268 | 53°44'45"SW | 7.87               | 268          | 307,991.303900  | 2,634,989.371600 |
| 268 - 269 | 10°32'20"SE | 9.26               | 269          | 307,992.997200  | 2,634,980.270000 |
| 269 - 270 | 15°38'32"SE | 7.81               | 270          | 307,995.103200  | 2,634,972.748600 |
| 270 - 271 | 01°34'41"SW | 7.30               | 271          | 307,994.902200  | 2,634,965.453300 |
| 271 - 272 | 01°47'24"SE | 6.78               | 272          | 307,995.113900  | 2,634,958.679900 |
| 272 - 273 | 18°42'42"SE | 13.86              | 273          | 307,999.558900  | 2,634,945.556600 |
| 273 - 274 | 23°31'04"SE | 24.93              | 274          | 308,009.507300  | 2,634,922.696500 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 274 - 275 | 05°30'41"SE | 24.24              | 275          | 308,011.835600  | 2,634,898.566500 |
| 275 - 276 | 09°57'02"SW | 12.25              | 276          | 308,009.718900  | 2,634,886.501400 |
| 276 - 277 | 00°41'55"SE | 17.36              | 277          | 308,009.930600  | 2,634,869.144700 |
| 277 - 278 | 02°33'49"SE | 28.39              | 278          | 308,011.200600  | 2,634,840.781300 |
| 278 - 279 | 09°27'45"SE | 14.16              | 279          | 308,013.529000  | 2,634,826.811300 |
| 279 - 280 | 09°20'41"SW | 16.95              | 280          | 308,010.777300  | 2,634,810.089600 |
| 280 - 281 | 04°48'35"SW | 65.64              | 281          | 308,005.273900  | 2,634,744.684500 |
| 281 - 282 | 01°52'46"SW | 15.33              | 282          | 308,004.771200  | 2,634,729.365100 |
| 282 - 283 | 11°01'10"SE | 25.61              | 283          | 308,009.666000  | 2,634,704.229600 |
| 283 - 284 | 18°11'39"SE | 19.91              | 284          | 308,015.883700  | 2,634,685.311900 |
| 284 - 285 | 27°39'27"SE | 27.93              | 285          | 308,028.848400  | 2,634,660.573300 |
| 285 - 286 | 70°13'07"SE | 16.03              | 286          | 308,043.929600  | 2,634,655.149300 |
| 286 - 287 | 20°19'24"SE | 11.43              | 287          | 308,047.898400  | 2,634,644.433700 |
| 287 - 288 | 03°21'59"SE | 22.53              | 288          | 308,049.221300  | 2,634,621.944000 |
| 288 - 289 | 26°43'00"SE | 22.36              | 289          | 308,059.275500  | 2,634,601.968000 |
| 289 - 290 | 21°01'14"SE | 32.45              | 290          | 308,070.917200  | 2,634,571.673100 |
| 290 - 291 | 24°41'49"SE | 68.23              | 291          | 308,099.425100  | 2,634,509.684100 |
| 291 - 292 | 32°54'41"SE | 47.85              | 292          | 308,125.421500  | 2,634,469.517300 |
| 292 - 293 | 24°04'43"SE | 62.31              | 293          | 308,150.843500  | 2,634,412.628900 |
| 293 - 294 | 28°25'11"SE | 68.89              | 294          | 308,183.629900  | 2,634,352.042000 |
| 294 - 295 | 19°23'44"SE | 6.78               | 295          | 308,185.881600  | 2,634,345.646400 |
| 295 - 296 | 82°04'24"SE | 7.34               | 296          | 308,193.154900  | 2,634,344.633700 |
| 296 - 297 | 04°11'42"SE | 21.70              | 297          | 308,194.742400  | 2,634,322.990700 |
| 297 - 298 | 20°50'06"SE | 41.95              | 298          | 308,209.665000  | 2,634,283.779400 |
| 298 - 299 | 16°56'47"SE | 59.91              | 299          | 308,227.127500  | 2,634,226.470500 |
| 299 - 300 | 25°41'17"SE | 13.92              | 300          | 308,233.160000  | 2,634,213.929300 |
| 300 - 301 | 65°44'45"SE | 15.84              | 301          | 308,247.606300  | 2,634,207.420500 |
| 301 - 302 | 18°00'13"SE | 6.68               | 302          | 308,249.670000  | 2,634,201.070500 |
| 302 - 303 | 90°00'00"NW | 11.43              | 303          | 308,238.240000  | 2,634,201.070500 |
| 303 - 304 | 05°39'44"SW | 13.63              | 304          | 308,236.894700  | 2,634,187.502100 |
| 304 - 305 | 12°00'02"SE | 87.40              | 305          | 308,255.067600  | 2,634,102.010300 |
| 305 - 306 | 11°10'45"SE | 26.61              | 306          | 308,260.225900  | 2,634,075.909600 |
| 306 - 307 | 29°54'55"SE | 21.17              | 307          | 308,270.783800  | 2,634,057.560200 |
| 307 - 308 | 20°23'02"SE | 64.95              | 308          | 308,293.405800  | 2,633,996.679500 |
| 308 - 309 | 07°20'33"SE | 85.50              | 309          | 308,304.333100  | 2,633,911.880300 |
| 309 - 310 | 17°08'43"SE | 20.82              | 310          | 308,310.471400  | 2,633,891.983600 |
| 310 - 311 | 01°00'50"SE | 47.84              | 311          | 308,311.318100  | 2,633,844.146900 |
| 311 - 312 | 03°31'16"SW | 27.57              | 312          | 308,309.624800  | 2,633,816.630100 |
| 312 - 313 | 09°17'36"SW | 23.59              | 313          | 308,305.814700  | 2,633,793.346800 |
| 313 - 314 | 20°39'31"SW | 27.60              | 314          | 308,296.078100  | 2,633,767.523400 |
| 314 - 315 | 16°59'27"SW | 31.87              | 315          | 308,286.764700  | 2,633,737.043300 |
| 315 - 316 | 20°23'20"SW | 25.52              | 316          | 308,277.874700  | 2,633,713.124900 |
| 316 - 317 | 64°47'57"SW | 7.95               | 317          | 308,270.678000  | 2,633,709.738300 |
| 317 - 318 | 26°33'53"SW | 17.04              | 318          | 308,263.058000  | 2,633,694.498200 |
| 318 - 319 | 40°07'14"SW | 24.64              | 319          | 308,247.183000  | 2,633,675.659900 |
| 319 - 320 | 51°34'54"SW | 15.67              | 320          | 308,234.906300  | 2,633,665.923200 |
| 320 - 321 | 33°10'42"SW | 13.15              | 321          | 308,227.709600  | 2,633,654.916500 |
| 321 - 322 | 57°22'50"SW | 12.57              | 322          | 308,217.126200  | 2,633,648.143100 |
| 322 - 323 | 33°41'22"SW | 6.11               | 323          | 308,213.739600  | 2,633,643.063100 |
| 323 - 324 | 49°41'10"SW | 9.16               | 324          | 308,206.754500  | 2,633,637.136400 |
| 324 - 325 | 41°35'20"SW | 22.64              | 325          | 308,191.726200  | 2,633,620.203100 |
| 325 - 326 | 42°22'25"SW | 16.33              | 326          | 308,180.719500  | 2,633,608.138100 |
| 326 - 327 | 17°15'56"SE | 16.40              | 327          | 308,185.587800  | 2,633,592.474700 |
| 327 - 328 | 50°00'44"SW | 8.56               | 328          | 308,179.026200  | 2,633,586.971300 |
| 328 - 329 | 65°25'57"NW | 16.29              | 329          | 308,164.209500  | 2,633,593.744700 |
| 329 - 330 | 53°24'32"SW | 17.40              | 330          | 308,150.239400  | 2,633,583.373000 |
| 330 - 331 | 43°52'36"SW | 22.90              | 331          | 308,134.364400  | 2,633,566.863000 |
| 331 - 332 | 15°41'02"SW | 44.63              | 332          | 308,122.299400  | 2,633,523.894500 |



| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 332 - 333 | 06°44'24"SW | 23.45              | 333          | 308,119.547700  | 2,633,500.611200 |
| 333 - 334 | 01°19'55"SW | 27.31              | 334          | 308,118.912700  | 2,633,473.306100 |
| 334 - 335 | 07°31'44"SE | 29.00              | 335          | 308,122.713000  | 2,633,444.552500 |
| 335 - 336 | 35°40'53"SW | 3.88               | 336          | 308,120.447300  | 2,633,441.397300 |
| 336 - 337 | 03°11'57"SE | 8.53               | 337          | 308,120.923500  | 2,633,432.877700 |
| 337 - 338 | 19°37'58"SE | 19.21              | 338          | 308,127.379400  | 2,633,414.780200 |
| 338 - 339 | 52°10'00"SE | 6.30               | 339          | 308,132.353600  | 2,633,410.917200 |
| 339 - 340 | 78°22'00"SE | 5.51               | 340          | 308,137.751100  | 2,633,409.806000 |
| 340 - 341 | 19°37'41"SE | 24.10              | 341          | 308,145.847300  | 2,633,387.104700 |
| 341 - 342 | 31°30'03"SE | 24.95              | 342          | 308,158.885900  | 2,633,365.828500 |
| 342 - 343 | 49°41'53"SE | 17.67              | 343          | 308,172.358600  | 2,633,354.402100 |
| 343 - 344 | 31°47'25"SE | 48.14              | 344          | 308,197.720900  | 2,633,313.481500 |
| 344 - 345 | 68°16'45"SE | 6.53               | 345          | 308,203.791200  | 2,633,311.063300 |
| 345 - 346 | 27°54'59"SE | 28.70              | 346          | 308,217.226200  | 2,633,285.706700 |
| 346 - 347 | 42°41'13"SE | 10.86              | 347          | 308,224.587500  | 2,633,277.725700 |
| 347 - 348 | 27°59'31"SE | 99.78              | 348          | 308,271.418800  | 2,633,189.619300 |
| 348 - 349 | 16°11'33"SE | 28.34              | 349          | 308,279.320900  | 2,633,162.407200 |
| 349 - 350 | 23°02'19"SE | 31.33              | 350          | 308,291.580100  | 2,633,133.580400 |
| 350 - 351 | 88°46'50"NE | 7.46               | 351          | 308,299.041400  | 2,633,133.739200 |
| 351 - 352 | 05°38'15"SE | 37.17              | 352          | 308,302.692700  | 2,633,096.750400 |
| 352 - 353 | 16°53'54"SE | 26.21              | 353          | 308,310.312700  | 2,633,071.667800 |
| 353 - 354 | 00°59'15"SE | 46.04              | 354          | 308,311.106400  | 2,633,025.630200 |
| 354 - 355 | 65°08'12"SE | 7.17               | 355          | 308,317.615200  | 2,633,022.614000 |
| 355 - 356 | 33°33'02"SW | 18.10              | 356          | 308,307.613900  | 2,633,007.532700 |
| 356 - 357 | 02°19'01"SW | 27.49              | 357          | 308,306.502700  | 2,632,980.068900 |
| 357 - 358 | 17°59'27"SW | 32.38              | 358          | 308,296.501400  | 2,632,949.271300 |
| 358 - 359 | 70°34'40"SE | 10.19              | 359          | 308,306.108000  | 2,632,945.884100 |
| 359 - 360 | 20°30'47"SW | 5.35               | 360          | 308,304.232500  | 2,632,940.871400 |
| 360 - 361 | 86°28'47"SW | 13.15              | 361          | 308,291.103900  | 2,632,940.063800 |
| 361 - 362 | 15°12'28"SW | 16.94              | 362          | 308,286.658900  | 2,632,923.712500 |
| 362 - 363 | 20°38'14"SE | 13.06              | 363          | 308,291.262600  | 2,632,911.488700 |
| 363 - 364 | 36°59'01"SW | 7.11               | 364          | 308,286.983900  | 2,632,905.807300 |
| 364 - 365 | 55°38'54"NW | 8.66               | 365          | 308,279.832600  | 2,632,910.695000 |
| 365 - 366 | 11°53'19"SW | 18.49              | 366          | 308,276.022600  | 2,632,892.597500 |
| 366 - 367 | 05°26'24"SW | 6.70               | 367          | 308,275.387600  | 2,632,885.929900 |
| 367 - 368 | 17°11'57"SE | 8.52               | 368          | 308,277.905500  | 2,632,877.795600 |
| 368 - 369 | 55°45'48"SE | 9.24               | 369          | 308,285.547600  | 2,632,872.594900 |
| 369 - 370 | 74°58'55"SE | 9.43               | 370          | 308,294.659900  | 2,632,870.150200 |
| 370 - 371 | 09°49'09"SE | 5.59               | 371          | 308,295.612400  | 2,632,864.646800 |
| 371 - 372 | 49°57'00"SE | 19.08              | 372          | 308,310.217400  | 2,632,852.370100 |
| 372 - 373 | 43°38'58"SE | 98.44              | 373          | 308,378.162600  | 2,632,781.144100 |
| 373 - 374 | 58°05'01"NE | 5.33               | 374          | 308,382.686900  | 2,632,783.962000 |
| 374 - 375 | 41°41'35"SE | 61.92              | 375          | 308,423.873800  | 2,632,737.723700 |
| 375 - 376 | 74°55'50"NE | 3.56               | 376          | 308,427.313400  | 2,632,738.649800 |
| 376 - 377 | 42°54'47"SE | 46.24              | 377          | 308,458.798900  | 2,632,704.783000 |
| 377 - 378 | 45°38'48"SE | 41.44              | 378          | 308,488.432300  | 2,632,675.811100 |
| 378 - 379 | 46°40'51"SE | 41.46              | 379          | 308,518.594900  | 2,632,647.368300 |
| 379 - 380 | 56°55'14"SE | 17.21              | 380          | 308,533.014700  | 2,632,637.975600 |
| 380 - 381 | 37°19'15"SE | 16.80              | 381          | 308,543.201200  | 2,632,624.614100 |
| 381 - 382 | 65°57'57"SE | 10.72              | 382          | 308,552.990800  | 2,632,620.248500 |
| 382 - 383 | 43°53'27"SE | 14.50              | 383          | 308,563.044900  | 2,632,609.797400 |
| 383 - 384 | 16°48'30"SE | 11.46              | 384          | 308,566.359900  | 2,632,598.823400 |
| 384 - 385 | 34°33'07"SE | 13.98              | 385          | 308,574.289800  | 2,632,587.307800 |
| 385 - 386 | 68°23'06"SE | 7.54               | 386          | 308,581.301200  | 2,632,584.529700 |
| 386 - 387 | 47°17'26"SE | 84.26              | 387          | 308,643.213900  | 2,632,527.379600 |
| 387 - 388 | 20°44'16"SE | 7.06               | 388          | 308,645.714000  | 2,632,520.776500 |
| 388 - 389 | 46°12'25"SE | 17.90              | 389          | 308,658.638600  | 2,632,508.385300 |
| 389 - 390 | 69°17'26"SE | 24.10              | 390          | 308,681.181600  | 2,632,499.862800 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 390 - 391 | 30°34'45"SE | 30.43              | 391          | 308,696.659800  | 2,632,473.669000 |
| 391 - 392 | 57°36'11"SE | 22.36              | 392          | 308,715.539900  | 2,632,461.688800 |
| 392 - 393 | 39°09'34"SE | 36.30              | 393          | 308,738.464000  | 2,632,433.540500 |
| 393 - 394 | 46°14'49"SE | 48.72              | 394          | 308,773.653700  | 2,632,399.850100 |
| 394 - 395 | 44°49'44"SE | 66.80              | 395          | 308,820.749000  | 2,632,352.472700 |
| 395 - 396 | 47°17'26"SE | 96.82              | 396          | 308,891.895300  | 2,632,286.799100 |
| 396 - 397 | 88°43'22"SE | 28.34              | 397          | 308,920.233200  | 2,632,286.167300 |
| 397 - 398 | 20°33'21"SE | 58.78              | 398          | 308,940.870700  | 2,632,231.133800 |
| 398 - 399 | 50°54'17"SE | 24.41              | 399          | 308,959.816400  | 2,632,215.739700 |
| 399 - 400 | 45°31'58"SE | 40.24              | 400          | 308,988.530300  | 2,632,187.555100 |
| 400 - 401 | 44°39'27"SE | 127.19             | 401          | 309,077.927400  | 2,632,097.083500 |
| 401 - 402 | 43°28'51"SE | 78.02              | 402          | 309,131.614200  | 2,632,040.471800 |
| 402 - 403 | 43°47'53"SE | 87.13              | 403          | 309,191.917200  | 2,631,977.584700 |
| 403 - 404 | 41°21'49"SE | 29.50              | 404          | 309,211.414200  | 2,631,955.441500 |
| 404 - 405 | 36°45'57"SE | 33.36              | 405          | 309,231.383800  | 2,631,928.714500 |
| 405 - 406 | 87°23'50"SE | 17.48              | 406          | 309,248.846300  | 2,631,927.920700 |
| 406 - 407 | 32°13'32"SE | 36.47              | 407          | 309,268.292800  | 2,631,897.070800 |
| 407 - 408 | 44°24'36"SE | 31.26              | 408          | 309,290.164900  | 2,631,874.743700 |
| 408 - 409 | 41°32'24"SE | 72.36              | 409          | 309,338.149100  | 2,631,820.583900 |
| 409 - 410 | 40°05'24"SE | 34.71              | 410          | 309,360.502700  | 2,631,794.028900 |
| 410 - 411 | 41°22'02"SE | 91.29              | 411          | 309,420.832200  | 2,631,725.519600 |
| 411 - 412 | 41°08'10"SE | 90.08              | 412          | 309,480.092000  | 2,631,657.675400 |
| 412 - 413 | 33°34'50"SE | 128.27             | 413          | 309,551.038500  | 2,631,550.814100 |
| 413 - 414 | 35°20'03"SE | 113.39             | 414          | 309,616.617300  | 2,631,458.311500 |
| 414 - 415 | 41°48'01"SE | 68.14              | 415          | 309,662.035300  | 2,631,407.515000 |
| 415 - 416 | 73°45'51"SE | 15.25              | 416          | 309,676.678400  | 2,631,403.250900 |
| 416 - 417 | 15°49'09"SE | 33.00              | 417          | 309,685.674300  | 2,631,371.500900 |
| 417 - 418 | 35°12'44"SE | 129.72             | 418          | 309,760.473000  | 2,631,265.515600 |
| 418 - 419 | 87°53'53"SE | 30.37              | 419          | 309,790.817600  | 2,631,264.402000 |
| 419 - 420 | 43°15'18"SE | 9.89               | 420          | 309,797.593200  | 2,631,257.200600 |
| 420 - 421 | 30°02'00"SW | 19.56              | 421          | 309,787.803600  | 2,631,240.267300 |
| 421 - 422 | 14°03'37"SE | 14.16              | 422          | 309,791.242600  | 2,631,226.536000 |
| 422 - 423 | 37°04'31"SE | 69.34              | 423          | 309,833.047500  | 2,631,171.210900 |
| 423 - 424 | 39°21'16"SE | 81.78              | 424          | 309,884.905900  | 2,631,107.975300 |
| 424 - 425 | 54°24'20"SE | 15.46              | 425          | 309,897.473700  | 2,631,098.979500 |
| 425 - 426 | 36°24'11"SE | 50.96              | 426          | 309,927.713800  | 2,631,057.967800 |
| 426 - 427 | 53°10'15"SE | 20.20              | 427          | 309,943.881700  | 2,631,045.859900 |
| 427 - 428 | 33°49'15"SE | 42.01              | 428          | 309,967.265000  | 2,631,010.958100 |
| 428 - 429 | 46°28'25"SE | 34.80              | 429          | 309,992.498900  | 2,630,986.990000 |
| 429 - 430 | 25°41'34"SE | 21.29              | 430          | 310,001.728900  | 2,630,967.805500 |
| 430 - 431 | 70°31'38"SE | 10.91              | 431          | 310,012.012000  | 2,630,964.169600 |
| 431 - 432 | 05°48'58"SW | 16.45              | 432          | 310,010.345100  | 2,630,947.805100 |
| 432 - 433 | 49°25'05"SE | 8.50               | 433          | 310,016.801000  | 2,630,942.275300 |
| 433 - 434 | 53°41'43"SE | 16.09              | 434          | 310,029.765600  | 2,630,932.750300 |
| 434 - 435 | 24°13'38"SE | 17.41              | 435          | 310,036.909300  | 2,630,916.875200 |
| 435 - 436 | 26°33'54"SE | 15.38              | 436          | 310,043.788500  | 2,630,903.116900 |
| 436 - 437 | 31°27'11"SE | 23.25              | 437          | 310,055.922600  | 2,630,883.279400 |
| 437 - 438 | 34°27'17"SE | 14.60              | 438          | 310,064.180100  | 2,630,871.244300 |
| 438 - 439 | 19°54'46"SE | 17.04              | 439          | 310,069.982300  | 2,630,855.227200 |
| 439 - 440 | 58°13'48"SE | 12.55              | 440          | 310,080.651500  | 2,630,848.619800 |
| 440 - 441 | 38°17'30"SE | 42.52              | 441          | 310,107.002200  | 2,630,815.244100 |
| 441 - 442 | 45°59'31"SE | 55.20              | 442          | 310,146.704300  | 2,630,776.893500 |
| 442 - 443 | 67°12'17"SE | 27.27              | 443          | 310,171.847100  | 2,630,766.327000 |
| 443 - 444 | 01°12'11"SE | 33.92              | 444          | 310,172.559300  | 2,630,732.414200 |
| 444 - 445 | 29°33'51"SE | 22.37              | 445          | 310,183.594600  | 2,630,712.960400 |
| 445 - 446 | 19°41'31"SE | 26.70              | 446          | 310,192.590500  | 2,630,687.825000 |
| 446 - 447 | 12°23'43"SE | 24.65              | 447          | 310,197.882200  | 2,630,663.747800 |
| 447 - 448 | 39°28'21"SE | 17.48              | 448          | 310,208.994700  | 2,630,650.254100 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 448 - 449 | 13°01'51"SE | 19.01              | 449          | 310,213.280500  | 2,630,631.736000 |
| 449 - 450 | 23°18'05"SE | 11.24              | 450          | 310,217.726000  | 2,630,621.414400 |
| 450 - 451 | 03°39'08"SW | 12.46              | 451          | 310,216.932200  | 2,630,608.979000 |
| 451 - 452 | 28°55'35"SE | 11.49              | 452          | 310,222.488500  | 2,630,598.924800 |
| 452 - 453 | 31°51'57"SE | 11.53              | 453          | 310,228.573900  | 2,630,589.135200 |
| 453 - 454 | 02°54'38"SE | 15.63              | 454          | 310,229.367600  | 2,630,573.524700 |
| 454 - 455 | 25°51'59"SE | 19.41              | 455          | 310,237.834300  | 2,630,556.062200 |
| 455 - 456 | 66°26'52"SE | 11.26              | 456          | 310,248.153100  | 2,630,551.564300 |
| 456 - 457 | 36°43'58"SE | 22.12              | 457          | 310,261.382300  | 2,630,533.837200 |
| 457 - 458 | 75°30'48"SE | 4.00               | 458          | 310,265.257400  | 2,630,532.836000 |
| 458 - 459 | 46°00'59"NE | 5.96               | 459          | 310,269.548000  | 2,630,536.977000 |
| 459 - 460 | 59°37'38"SE | 13.54              | 460          | 310,281.226100  | 2,630,530.133000 |
| 460 - 461 | 23°48'21"SW | 9.83               | 461          | 310,277.257300  | 2,630,521.137100 |
| 461 - 462 | 55°38'16"SE | 23.01              | 462          | 310,296.254100  | 2,630,508.148200 |
| 462 - 463 | 12°21'18"SW | 5.93               | 463          | 310,294.984400  | 2,630,502.351700 |
| 463 - 464 | 57°51'06"SE | 14.33              | 464          | 310,307.118500  | 2,630,494.725800 |
| 464 - 465 | 61°04'42"SE | 12.13              | 465          | 310,317.738700  | 2,630,488.857900 |
| 465 - 466 | 44°19'33"SE | 15.90              | 466          | 310,328.851200  | 2,630,477.480800 |
| 466 - 467 | 45°17'59"SE | 35.73              | 467          | 310,354.251200  | 2,630,452.345300 |
| 467 - 468 | 46°57'29"SE | 43.80              | 468          | 310,386.265900  | 2,630,422.447400 |
| 468 - 469 | 38°44'45"SE | 27.48              | 469          | 310,403.463800  | 2,630,401.016100 |
| 469 - 470 | 36°51'57"SE | 25.68              | 470          | 310,418.871900  | 2,630,380.469100 |
| 470 - 471 | 43°11'40"SE | 50.93              | 471          | 310,453.734800  | 2,630,343.336800 |
| 471 - 472 | 38°18'12"SE | 93.06              | 472          | 310,511.414000  | 2,630,270.311600 |
| 472 - 473 | 89°26'06"SE | 30.82              | 473          | 310,542.235800  | 2,630,270.007700 |
| 473 - 474 | 54°32'25"SE | 13.16              | 474          | 310,552.953700  | 2,630,262.374100 |
| 474 - 475 | 14°44'36"SW | 36.39              | 475          | 310,543.693300  | 2,630,227.184500 |
| 475 - 476 | 08°58'21"SE | 20.36              | 476          | 310,546.868300  | 2,630,207.076100 |
| 476 - 477 | 27°53'49"SE | 15.27              | 477          | 310,554.012000  | 2,630,193.582300 |
| 477 - 478 | 65°09'27"SE | 15.74              | 478          | 310,568.299600  | 2,630,186.967700 |
| 478 - 479 | 27°51'49"SE | 46.99              | 479          | 310,590.260000  | 2,630,145.428100 |
| 479 - 480 | 24°15'40"SE | 41.21              | 480          | 310,607.193400  | 2,630,107.857200 |
| 480 - 481 | 30°49'39"SE | 19.10              | 481          | 310,616.983000  | 2,630,091.453000 |
| 481 - 482 | 15°14'00"SE | 41.36              | 482          | 310,627.851500  | 2,630,051.542100 |
| 482 - 483 | 07°21'27"SE | 8.44               | 483          | 310,628.932200  | 2,630,043.172700 |
| 483 - 484 | 38°50'22"SE | 5.00               | 484          | 310,632.067900  | 2,630,039.278200 |
| 484 - 485 | 44°09'43"SE | 17.04              | 485          | 310,643.937000  | 2,630,027.056800 |
| 485 - 486 | 11°38'56"SE | 9.82               | 486          | 310,645.919500  | 2,630,017.440700 |
| 486 - 487 | 17°27'06"SE | 16.91              | 487          | 310,650.989600  | 2,630,001.313200 |
| 487 - 488 | 58°52'09"SE | 18.07              | 488          | 310,666.460200  | 2,629,991.969400 |
| 488 - 489 | 17°46'13"SE | 11.78              | 489          | 310,670.056900  | 2,629,980.747000 |
| 489 - 490 | 42°40'13"SE | 16.10              | 490          | 310,680.968600  | 2,629,968.909900 |
| 490 - 491 | 86°08'19"SE | 11.18              | 491          | 310,692.124800  | 2,629,968.156900 |
| 491 - 492 | 19°24'10"SE | 22.27              | 492          | 310,699.521800  | 2,629,947.155500 |
| 492 - 493 | 46°14'01"SE | 36.65              | 493          | 310,725.991600  | 2,629,921.801800 |
| 493 - 494 | 54°40'59"SE | 19.13              | 494          | 310,741.602000  | 2,629,910.742200 |
| 494 - 495 | 31°40'33"SE | 22.06              | 495          | 310,753.185300  | 2,629,891.969600 |
| 495 - 496 | 64°57'43"SE | 12.53              | 496          | 310,764.541400  | 2,629,886.665000 |
| 496 - 497 | 32°37'51"SE | 43.67              | 497          | 310,788.089400  | 2,629,849.887900 |
| 497 - 498 | 36°27'54"SE | 40.15              | 498          | 310,811.951400  | 2,629,817.599200 |
| 498 - 499 | 28°46'21"SE | 23.53              | 499          | 310,823.279000  | 2,629,796.971100 |
| 499 - 500 | 55°50'25"SE | 8.95               | 500          | 310,830.687400  | 2,629,791.944000 |
| 500 - 501 | 39°43'58"SE | 36.67              | 501          | 310,854.128100  | 2,629,763.742500 |
| 501 - 502 | 38°41'14"SE | 19.45              | 502          | 310,866.287700  | 2,629,748.557900 |
| 502 - 503 | 43°53'58"SE | 43.69              | 503          | 310,896.583700  | 2,629,717.075100 |
| 503 - 504 | 43°35'57"SE | 36.11              | 504          | 310,921.486000  | 2,629,690.924500 |
| 504 - 505 | 10°08'56"SE | 6.81               | 505          | 310,922.685300  | 2,629,684.224900 |
| 505 - 506 | 42°22'29"SE | 35.05              | 506          | 310,946.310500  | 2,629,658.329200 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 506 - 507 | 53°57'12"SE | 23.91              | 507          | 310,965.638700  | 2,629,644.262500 |
| 507 - 508 | 39°26'48"SE | 33.03              | 508          | 310,986.627100  | 2,629,618.753400 |
| 508 - 509 | 62°49'27"SE | 13.57              | 509          | 310,998.698100  | 2,629,612.556200 |
| 509 - 510 | 43°00'55"SE | 39.06              | 510          | 311,025.343000  | 2,629,583.998500 |
| 510 - 511 | 46°43'26"SE | 69.96              | 511          | 311,076.275400  | 2,629,536.042600 |
| 511 - 512 | 45°00'00"SE | 46.77              | 512          | 311,109.348400  | 2,629,502.969700 |
| 512 - 513 | 41°51'03"SE | 72.37              | 513          | 311,157.634900  | 2,629,449.060700 |
| 513 - 514 | 81°52'11"SE | 30.40              | 514          | 311,187.731400  | 2,629,444.761200 |
| 514 - 515 | 11°25'08"SE | 24.78              | 515          | 311,192.638100  | 2,629,420.468300 |
| 515 - 516 | 42°55'24"SE | 49.05              | 516          | 311,226.041800  | 2,629,384.551000 |
| 516 - 517 | 43°38'27"SE | 51.28              | 517          | 311,261.429900  | 2,629,347.443100 |
| 517 - 518 | 41°56'06"SE | 69.19              | 518          | 311,307.670600  | 2,629,295.970700 |
| 518 - 519 | 81°26'59"SE | 42.01              | 519          | 311,349.216600  | 2,629,289.724500 |
| 519 - 520 | 41°48'23"SE | 11.39              | 520          | 311,356.812400  | 2,629,281.231000 |
| 520 - 521 | 67°59'19"SW | 20.12              | 521          | 311,338.159200  | 2,629,273.690400 |
| 521 - 522 | 26°17'42"SE | 20.48              | 522          | 311,347.232200  | 2,629,255.328600 |
| 522 - 523 | 41°22'55"SE | 120.44             | 523          | 311,426.849000  | 2,629,164.963800 |
| 523 - 524 | 45°00'00"SE | 76.71              | 524          | 311,481.088700  | 2,629,110.724100 |
| 524 - 525 | 40°42'28"SE | 115.62             | 525          | 311,556.495100  | 2,629,023.080700 |
| 525 - 526 | 40°59'39"SE | 83.69              | 526          | 311,611.396300  | 2,628,959.911300 |
| 526 - 527 | 37°52'29"SE | 64.11              | 527          | 311,650.753100  | 2,628,909.309600 |
| 527 - 528 | 41°43'20"SE | 106.35             | 528          | 311,721.529300  | 2,628,829.934500 |
| 528 - 529 | 37°15'34"SE | 48.62              | 529          | 311,750.964300  | 2,628,791.239100 |
| 529 - 530 | 33°47'13"SE | 54.12              | 530          | 311,781.060700  | 2,628,746.259800 |
| 530 - 531 | 45°56'21"SE | 57.07              | 531          | 311,822.071200  | 2,628,706.572200 |
| 531 - 532 | 85°27'22"NE | 50.10              | 532          | 311,872.011400  | 2,628,710.541000 |
| 532 - 533 | 40°52'41"SE | 13.66              | 533          | 311,880.954200  | 2,628,700.209200 |
| 533 - 534 | 17°14'04"SW | 50.73              | 534          | 311,865.922900  | 2,628,651.754300 |
| 534 - 535 | 24°01'30"SE | 45.42              | 535          | 311,884.416600  | 2,628,610.265800 |
| 535 - 536 | 33°12'23"SE | 23.24              | 536          | 311,897.146800  | 2,628,590.816800 |
| 536 - 537 | 35°57'38"SE | 62.52              | 537          | 311,933.857900  | 2,628,540.215100 |
| 537 - 538 | 32°59'01"SE | 59.54              | 538          | 311,966.269400  | 2,628,490.274900 |
| 538 - 539 | 35°05'02"SE | 57.04              | 539          | 311,999.053100  | 2,628,443.600900 |
| 539 - 540 | 31°22'40"SE | 154.91             | 540          | 312,079.709700  | 2,628,311.350100 |
| 540 - 541 | 30°10'10"SE | 94.11              | 541          | 312,127.004100  | 2,628,229.990600 |
| 541 - 542 | 27°24'55"SE | 79.73              | 542          | 312,163.715100  | 2,628,159.214400 |
| 542 - 543 | 22°51'06"SE | 50.25              | 543          | 312,183.228100  | 2,628,112.912200 |
| 543 - 544 | 22°24'45"SE | 63.32              | 544          | 312,207.371400  | 2,628,054.373000 |
| 544 - 545 | 21°54'53"SE | 31.01              | 545          | 312,218.947000  | 2,628,025.599500 |
| 545 - 546 | 14°05'12"SE | 91.04              | 546          | 312,241.105900  | 2,627,937.294700 |
| 546 - 547 | 13°10'20"SE | 47.89              | 547          | 312,252.019900  | 2,627,890.661800 |
| 547 - 548 | 03°21'59"SE | 73.22              | 548          | 312,256.319400  | 2,627,817.570500 |
| 548 - 549 | 19°12'04"SW | 33.27              | 549          | 312,245.376700  | 2,627,786.149400 |
| 549 - 550 | 26°19'04"SW | 34.99              | 550          | 312,229.866000  | 2,627,754.790400 |
| 550 - 551 | 68°11'58"NW | 2.85               | 551          | 312,227.220100  | 2,627,755.848700 |
| 551 - 552 | 27°21'47"SW | 13.59              | 552          | 312,220.976000  | 2,627,743.783700 |
| 552 - 553 | 82°06'11"SW | 8.44               | 553          | 312,212.615700  | 2,627,742.624100 |
| 553 - 554 | 37°59'20"SW | 15.68              | 554          | 312,202.962000  | 2,627,730.263100 |
| 554 - 555 | 23°11'21"SW | 5.21               | 555          | 312,200.909600  | 2,627,725.472000 |
| 555 - 556 | 49°13'05"SW | 19.88              | 556          | 312,185.855200  | 2,627,712.485700 |
| 556 - 557 | 60°01'15"SW | 13.88              | 557          | 312,173.836000  | 2,627,705.552300 |
| 557 - 558 | 28°33'29"SW | 10.27              | 558          | 312,168.927000  | 2,627,696.532900 |
| 558 - 559 | 49°01'44"SW | 10.65              | 559          | 312,160.883600  | 2,627,689.548000 |
| 559 - 560 | 26°30'31"SW | 20.17              | 560          | 312,151.881100  | 2,627,671.498700 |
| 560 - 561 | 00°09'32"SE | 12.96              | 561          | 312,151.917100  | 2,627,658.538400 |
| 561 - 562 | 17°38'21"SW | 23.15              | 562          | 312,144.901800  | 2,627,636.475800 |
| 562 - 563 | 21°46'06"SW | 10.80              | 563          | 312,140.897300  | 2,627,626.447800 |
| 563 - 564 | 70°20'21"NW | 18.11              | 564          | 312,123.846900  | 2,627,632.539500 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 564 - 565 | 51°40'38"SW | 11.42              | 565          | 312,114.884500  | 2,627,625.455700 |
| 565 - 566 | 12°18'11"SW | 14.24              | 566          | 312,111.849200  | 2,627,611.538300 |
| 566 - 567 | 00°09'04"SE | 13.07              | 567          | 312,111.883700  | 2,627,598.467300 |
| 567 - 568 | 15°20'09"SE | 11.41              | 568          | 312,114.901800  | 2,627,587.462100 |
| 568 - 569 | 04°20'38"SW | 12.98              | 569          | 312,113.918300  | 2,627,574.515000 |
| 569 - 570 | 10°54'17"SW | 21.38              | 570          | 312,109.873700  | 2,627,553.521500 |
| 570 - 571 | 17°18'49"SE | 16.78              | 571          | 312,114.866100  | 2,627,537.506300 |
| 571 - 572 | 14°08'55"SE | 20.63              | 572          | 312,119.908800  | 2,627,517.502700 |
| 572 - 573 | 28°24'49"SE | 12.56              | 573          | 312,125.883400  | 2,627,506.459200 |
| 573 - 574 | 14°08'55"SE | 20.63              | 574          | 312,130.926100  | 2,627,486.455600 |
| 574 - 575 | 21°21'05"SE | 19.25              | 575          | 312,137.933100  | 2,627,468.531200 |
| 575 - 576 | 01°48'38"SE | 32.04              | 576          | 312,138.945500  | 2,627,436.506200 |
| 576 - 577 | 20°55'15"SW | 31.03              | 577          | 312,127.863800  | 2,627,407.517800 |
| 577 - 578 | 08°27'24"SW | 33.42              | 578          | 312,122.949100  | 2,627,374.461900 |
| 578 - 579 | 05°22'23"SE | 21.05              | 579          | 312,124.920600  | 2,627,353.501300 |
| 579 - 580 | 08°46'08"SW | 26.29              | 580          | 312,120.913300  | 2,627,327.522800 |
| 580 - 581 | 26°31'01"SW | 14.39              | 581          | 312,114.488000  | 2,627,314.645300 |
| 581 - 582 | 02°17'25"SE | 16.55              | 582          | 312,115.149400  | 2,627,298.108800 |
| 582 - 583 | 13°15'05"SE | 29.42              | 583          | 312,121.894300  | 2,627,269.467700 |
| 583 - 584 | 00°10'57"SE | 18.94              | 584          | 312,121.954700  | 2,627,250.525600 |
| 584 - 585 | 19°48'53"SE | 35.13              | 585          | 312,133.863900  | 2,627,217.473200 |
| 585 - 586 | 10°18'22"SE | 22.34              | 586          | 312,137.861500  | 2,627,195.489400 |
| 586 - 587 | 09°01'53"SE | 19.22              | 587          | 312,140.878400  | 2,627,176.509000 |
| 587 - 588 | 06°20'23"SE | 18.19              | 588          | 312,142.887300  | 2,627,158.427800 |
| 588 - 589 | 02°04'37"SE | 26.95              | 589          | 312,143.863900  | 2,627,131.498600 |
| 589 - 590 | 01°33'13"SW | 36.00              | 590          | 312,142.887800  | 2,627,095.511700 |
| 590 - 591 | 09°54'37"SW | 17.28              | 591          | 312,139.914200  | 2,627,078.492000 |
| 591 - 592 | 07°12'30"SE | 16.22              | 592          | 312,141.949000  | 2,627,062.404300 |
| 592 - 593 | 17°23'15"SW | 13.53              | 593          | 312,137.907100  | 2,627,049.496800 |
| 593 - 594 | 12°57'52"SE | 13.34              | 594          | 312,140.899600  | 2,627,036.498200 |
| 594 - 595 | 25°38'02"SW | 30.04              | 595          | 312,127.905000  | 2,627,009.417700 |
| 595 - 596 | 40°58'26"SW | 30.47              | 596          | 312,107.927700  | 2,626,986.415300 |
| 596 - 597 | 37°02'54"SW | 14.98              | 597          | 312,098.901800  | 2,626,974.458600 |
| 597 - 598 | 49°41'36"SW | 17.03              | 598          | 312,085.911400  | 2,626,963.439400 |
| 598 - 599 | 65°08'52"SW | 14.36              | 599          | 312,072.883600  | 2,626,957.405300 |
| 599 - 600 | 47°44'24"SW | 14.78              | 600          | 312,061.946400  | 2,626,947.467200 |
| 600 - 601 | 84°25'24"SW | 21.13              | 601          | 312,040.914900  | 2,626,945.413700 |
| 601 - 602 | 36°35'04"SW | 28.56              | 602          | 312,023.895300  | 2,626,922.483800 |
| 602 - 603 | 48°00'24"SW | 26.93              | 603          | 312,003.880400  | 2,626,904.466600 |
| 603 - 604 | 41°50'55"SW | 13.66              | 604          | 311,994.763800  | 2,626,894.287700 |
| 604 - 605 | 34°41'43"SW | 10.46              | 605          | 311,988.810600  | 2,626,885.688700 |
| 605 - 606 | 68°44'58"SW | 25.55              | 606          | 311,964.998100  | 2,626,876.428300 |
| 606 - 607 | 20°10'13"SW | 17.26              | 607          | 311,959.045000  | 2,626,860.222500 |
| 607 - 608 | 18°26'06"SW | 15.69              | 608          | 311,954.084000  | 2,626,845.339700 |
| 608 - 609 | 21°34'16"SW | 15.29              | 609          | 311,948.461600  | 2,626,831.118300 |
| 609 - 610 | 43°15'51"SW | 15.44              | 610          | 311,937.878300  | 2,626,819.873500 |
| 610 - 611 | 63°54'16"SW | 18.05              | 611          | 311,921.672500  | 2,626,811.936000 |
| 611 - 612 | 67°22'48"SW | 17.20              | 612          | 311,905.797500  | 2,626,805.321400 |
| 612 - 613 | 61°59'26"SW | 17.61              | 613          | 311,890.253200  | 2,626,797.053100 |
| 613 - 614 | 76°13'06"SW | 18.05              | 614          | 311,872.724500  | 2,626,792.753600 |
| 614 - 615 | 78°33'32"SW | 28.34              | 615          | 311,844.943200  | 2,626,787.131200 |
| 615 - 616 | 55°05'51"SW | 17.34              | 616          | 311,830.721800  | 2,626,777.209300 |
| 616 - 617 | 69°35'25"SW | 15.17              | 617          | 311,816.500400  | 2,626,771.917700 |
| 617 - 618 | 36°13'38"SW | 30.97              | 618          | 311,798.194500  | 2,626,746.931000 |
| 618 - 619 | 22°30'48"SW | 18.93              | 619          | 311,790.947300  | 2,626,729.446400 |
| 619 - 620 | 09°23'14"SW | 12.21              | 620          | 311,788.955500  | 2,626,717.398500 |
| 620 - 621 | 28°18'32"SE | 14.70              | 621          | 311,795.925300  | 2,626,704.459000 |
| 621 - 622 | 52°08'22"SE | 11.38              | 622          | 311,804.909700  | 2,626,697.474800 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 622 - 623 | 79°30'12"SE | 16.35              | 623          | 311,820.981900  | 2,626,694.497000 |
| 623 - 624 | 53°24'15"SE | 28.55              | 624          | 311,843.907600  | 2,626,677.473500 |
| 624 - 625 | 55°39'10"SE | 23.01              | 625          | 311,862.909000  | 2,626,664.488700 |
| 625 - 626 | 37°45'37"SE | 11.46              | 626          | 311,869.929200  | 2,626,655.425400 |
| 626 - 627 | 61°30'15"SE | 14.75              | 627          | 311,882.889700  | 2,626,648.389700 |
| 627 - 628 | 47°35'17"SE | 33.99              | 628          | 311,907.982400  | 2,626,625.467500 |
| 628 - 629 | 44°46'06"SE | 26.87              | 629          | 311,926.904900  | 2,626,606.391500 |
| 629 - 630 | 41°36'45"SE | 46.76              | 630          | 311,957.959600  | 2,626,571.429200 |
| 630 - 631 | 51°36'43"SE | 30.65              | 631          | 311,981.981300  | 2,626,552.398000 |
| 631 - 632 | 48°33'43"SE | 22.59              | 632          | 311,998.918100  | 2,626,537.446300 |
| 632 - 633 | 39°23'45"SE | 36.22              | 633          | 312,021.906000  | 2,626,509.456400 |
| 633 - 634 | 43°54'43"SE | 36.12              | 634          | 312,046.958900  | 2,626,483.433500 |
| 634 - 635 | 41°12'52"SE | 31.87              | 635          | 312,067.959600  | 2,626,459.457000 |
| 635 - 636 | 43°52'42"SE | 38.90              | 636          | 312,094.924000  | 2,626,431.415700 |
| 636 - 637 | 46°57'26"SE | 42.46              | 637          | 312,125.955000  | 2,626,402.435600 |
| 637 - 638 | 45°29'26"SE | 72.85              | 638          | 312,177.909600  | 2,626,351.363300 |
| 638 - 639 | 42°00'01"SE | 38.91              | 639          | 312,203.945300  | 2,626,322.448100 |
| 639 - 640 | 48°01'31"SE | 79.31              | 640          | 312,262.910900  | 2,626,269.402400 |
| 640 - 641 | 46°36'51"SE | 51.01              | 641          | 312,299.982400  | 2,626,234.363100 |
| 641 - 642 | 42°58'39"SE | 39.54              | 642          | 312,326.936200  | 2,626,205.436200 |
| 642 - 643 | 45°52'57"SE | 47.41              | 643          | 312,360.975100  | 2,626,172.430200 |
| 643 - 644 | 49°30'40"SE | 44.69              | 644          | 312,394.963900  | 2,626,143.412500 |
| 644 - 645 | 42°01'08"SE | 67.28              | 645          | 312,440.000500  | 2,626,093.427700 |
| 645 - 646 | 43°37'02"SE | 62.27              | 646          | 312,482.959300  | 2,626,048.343700 |
| 646 - 647 | 45°02'24"SE | 40.97              | 647          | 312,511.952800  | 2,626,019.390900 |
| 647 - 648 | 45°53'02"SE | 47.41              | 648          | 312,545.992700  | 2,625,986.385400 |
| 648 - 649 | 47°29'25"SE | 79.98              | 649          | 312,604.948000  | 2,625,932.344500 |
| 649 - 650 | 44°35'23"SE | 94.05              | 650          | 312,670.976800  | 2,625,865.363500 |
| 650 - 651 | 42°52'09"SE | 39.62              | 651          | 312,697.930500  | 2,625,836.326700 |
| 651 - 652 | 44°06'13"SE | 38.90              | 652          | 312,725.000600  | 2,625,808.396200 |
| 652 - 653 | 47°09'05"SE | 36.83              | 653          | 312,752.006000  | 2,625,783.346500 |
| 653 - 654 | 43°27'11"SE | 52.37              | 654          | 312,788.021800  | 2,625,745.331500 |
| 654 - 655 | 45°00'15"SE | 62.21              | 655          | 312,832.016600  | 2,625,701.343100 |
| 655 - 656 | 44°09'44"SE | 47.38              | 656          | 312,865.025500  | 2,625,667.354800 |
| 656 - 657 | 44°56'24"SE | 29.64              | 657          | 312,885.965400  | 2,625,646.371200 |
| 657 - 658 | 53°05'41"SE | 20.08              | 658          | 312,902.023700  | 2,625,634.312000 |
| 658 - 659 | 71°38'02"SE | 15.73              | 659          | 312,916.950000  | 2,625,629.356500 |
| 659 - 660 | 86°23'11"NE | 16.05              | 660          | 312,932.973000  | 2,625,630.368400 |
| 660 - 661 | 39°33'24"SE | 22.07              | 661          | 312,947.029900  | 2,625,613.350500 |
| 661 - 662 | 54°45'52"SE | 12.12              | 662          | 312,956.933200  | 2,625,606.355300 |
| 662 - 663 | 26°33'35"SE | 24.68              | 663          | 312,967.967800  | 2,625,584.281100 |
| 663 - 664 | 24°31'42"SE | 24.13              | 664          | 312,977.984200  | 2,625,562.330900 |
| 664 - 665 | 34°33'58"SE | 19.41              | 665          | 312,988.995400  | 2,625,546.349200 |
| 665 - 666 | 52°55'23"SE | 20.00              | 666          | 313,004.952000  | 2,625,534.291500 |
| 666 - 667 | 40°07'04"SE | 65.31              | 667          | 313,047.035800  | 2,625,484.347000 |
| 667 - 668 | 43°38'17"SE | 91.27              | 668          | 313,110.021300  | 2,625,418.293800 |
| 668 - 669 | 54°12'07"SE | 22.17              | 669          | 313,128.005800  | 2,625,405.323900 |
| 669 - 670 | 70°40'20"SE | 21.19              | 670          | 313,148.004700  | 2,625,398.309500 |
| 670 - 671 | 37°41'57"SE | 16.40              | 671          | 313,158.035100  | 2,625,385.331400 |
| 671 - 672 | 16°35'23"SE | 20.88              | 672          | 313,163.997900  | 2,625,365.316600 |
| 672 - 673 | 46°23'09"SE | 59.41              | 673          | 313,207.013900  | 2,625,324.332800 |
| 673 - 674 | 43°31'52"SE | 84.14              | 674          | 313,264.967000  | 2,625,263.329600 |
| 674 - 675 | 42°57'41"SE | 80.73              | 675          | 313,319.988000  | 2,625,204.247500 |
| 675 - 676 | 42°38'44"SE | 51.66              | 676          | 313,354.987100  | 2,625,166.247300 |
| 676 - 677 | 40°51'38"SE | 29.03              | 677          | 313,373.978400  | 2,625,144.292700 |
| 677 - 678 | 51°37'13"SE | 30.65              | 678          | 313,398.004200  | 2,625,125.264100 |
| 678 - 679 | 43°47'49"SE | 67.90              | 679          | 313,444.997500  | 2,625,076.254800 |
| 679 - 680 | 46°10'11"SE | 33.23              | 680          | 313,468.972400  | 2,625,053.239400 |

| Est-PV                                                                                                                                                                                | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                       |             |                    |              | X               | Y                |
| 680 - 681                                                                                                                                                                             | 42°31'54"SE | 81.38              | 681          | 313,523.983600  | 2,624,993.272200 |
| 681 - 682                                                                                                                                                                             | 51°37'17"SE | 30.65              | 682          | 313,548.009900  | 2,624,974.243900 |
| 682 - 683                                                                                                                                                                             | 39°19'16"SE | 28.36              | 683          | 313,565.982100  | 2,624,952.302700 |
| 683 - 684                                                                                                                                                                             | 50°42'08"SE | 28.43              | 684          | 313,587.982100  | 2,624,934.297500 |
| 684 - 685                                                                                                                                                                             | 57°48'15"SE | 18.89              | 685          | 313,603.965500  | 2,624,924.233900 |
| 685 - 686                                                                                                                                                                             | 45°11'25"NE | 21.26              | 686          | 313,619.046700  | 2,624,939.215200 |
| 686 - 687                                                                                                                                                                             | 28°53'26"NE | 30.90              | 687          | 313,633.977100  | 2,624,966.272100 |
| 687 - 688                                                                                                                                                                             | 83°43'08"NE | 36.27              | 688          | 313,670.026400  | 2,624,970.239800 |
| 688 - 689                                                                                                                                                                             | 46°20'27"SW | 30.40              | 689          | 313,648.035600  | 2,624,949.255000 |
| 689 - 690                                                                                                                                                                             | 19°17'35"SW | 21.15              | 690          | 313,641.048700  | 2,624,929.296000 |
| 690 - 691                                                                                                                                                                             | 21°47'43"SW | 37.74              | 691          | 313,627.035500  | 2,624,894.252200 |
| 691 - 692                                                                                                                                                                             | 41°37'51"SE | 48.12              | 692          | 313,659.002900  | 2,624,858.285600 |
| 692 - 693                                                                                                                                                                             | 39°24'22"SE | 36.22              | 693          | 313,681.996800  | 2,624,830.298700 |
| 693 - 694                                                                                                                                                                             | 45°56'57"SE | 40.36              | 694          | 313,711.006500  | 2,624,802.234600 |
| 694 - 695                                                                                                                                                                             | 49°49'58"SE | 92.94              | 695          | 313,782.030800  | 2,624,742.284600 |
| 695 - 696                                                                                                                                                                             | 72°43'24"SE | 27.23              | 696          | 313,808.033800  | 2,624,734.197300 |
| 696 - 697                                                                                                                                                                             | 87°33'37"NE | 24.00              | 697          | 313,832.012200  | 2,624,735.218900 |
| 697 - 698                                                                                                                                                                             | 71°27'38"NE | 22.15              | 698          | 313,853.008300  | 2,624,742.260100 |
| 698 - 699                                                                                                                                                                             | 14°53'12"SE | 15.53              | 699          | 313,856.997000  | 2,624,727.255500 |
| 699 - 700                                                                                                                                                                             | 52°52'53"SW | 14.98              | 700          | 313,845.051400  | 2,624,718.215100 |
| 700 - 701                                                                                                                                                                             | 13°57'20"SW | 16.50              | 701          | 313,841.072800  | 2,624,702.205000 |
| 701 - 702                                                                                                                                                                             | 29°54'19"SW | 16.11              | 702          | 313,833.041200  | 2,624,688.240700 |
| 702 - 703                                                                                                                                                                             | 63°28'34"SW | 17.89              | 703          | 313,817.029800  | 2,624,680.249400 |
| 703 - 704                                                                                                                                                                             | 42°56'50"SE | 20.52              | 704          | 313,831.012400  | 2,624,665.227300 |
| 704 - 705                                                                                                                                                                             | 55°43'36"NE | 26.64              | 705          | 313,853.028600  | 2,624,680.230700 |
| 705 - 706                                                                                                                                                                             | 34°12'29"SE | 30.27              | 706          | 313,870.044200  | 2,624,655.200800 |
| 706 - 707                                                                                                                                                                             | 40°12'56"SE | 51.03              | 707          | 313,902.994000  | 2,624,616.231500 |
| 707 - 708                                                                                                                                                                             | 33°20'43"SE | 41.86              | 708          | 313,926.001300  | 2,624,581.266600 |
| 708 - 709                                                                                                                                                                             | 56°02'43"SE | 66.31              | 709          | 313,981.004100  | 2,624,544.230200 |
| 709 - 710                                                                                                                                                                             | 51°12'42"SE | 71.87              | 710          | 314,037.026700  | 2,624,499.205800 |
| 710 - 711                                                                                                                                                                             | 40°15'35"SE | 34.04              | 711          | 314,059.027800  | 2,624,473.226100 |
| 711 - 712                                                                                                                                                                             | 44°59'31"SE | 84.88              | 712          | 314,119.040000  | 2,624,413.197500 |
| 712 - 713                                                                                                                                                                             | 42°52'42"SE | 39.62              | 713          | 314,145.999400  | 2,624,384.163900 |
| 713 - 714                                                                                                                                                                             | 45°02'31"SE | 43.83              | 714          | 314,177.013400  | 2,624,353.195300 |
| 714 - 715                                                                                                                                                                             | 45°56'25"SE | 90.56              | 715          | 314,242.088000  | 2,624,290.222500 |
| 715 - 716                                                                                                                                                                             | 39°06'29"SE | 55.39              | 716          | 314,277.028000  | 2,624,247.241300 |
| 716 - 717                                                                                                                                                                             | 42°11'29"SE | 29.80              | 717          | 314,297.040200  | 2,624,225.164300 |
| 717 - 718                                                                                                                                                                             | 47°59'40"SE | 26.86              | 718          | 314,317.002800  | 2,624,207.186400 |
| 718 - 719                                                                                                                                                                             | 34°43'45"SE | 47.46              | 719          | 314,344.039500  | 2,624,168.183200 |
| 719 - 720                                                                                                                                                                             | 02°25'27"SE | 24.07              | 720          | 314,345.057700  | 2,624,144.133900 |
| 720 - 721                                                                                                                                                                             | 37°04'28"SE | 24.95              | 721          | 314,360.100600  | 2,624,124.225200 |
| 721 - 722                                                                                                                                                                             | 29°54'15"SE | 22.01              | 722          | 314,371.074800  | 2,624,105.143900 |
| 722 - 723                                                                                                                                                                             | 38°11'52"SE | 53.39              | 723          | 314,404.091000  | 2,624,063.184500 |
| 723 - 724                                                                                                                                                                             | 29°55'27"SE | 30.00              | 724          | 314,419.056300  | 2,624,037.184700 |
| 724 - 725                                                                                                                                                                             | 35°35'53"SE | 43.03              | 725          | 314,444.105100  | 2,624,002.194700 |
| 725 - 726                                                                                                                                                                             | 36°28'12"SE | 62.42              | 726          | 314,481.207200  | 2,623,951.999400 |
| 726 - 727                                                                                                                                                                             | 40°36'04"SE | 40.25              | 727          | 314,507.401000  | 2,623,921.440000 |
| 727 - 728                                                                                                                                                                             | 35°55'57"SE | 26.68              | 728          | 314,523.059200  | 2,623,899.834900 |
| 728 - 729                                                                                                                                                                             | 57°22'58"SW | 71.83              | 729          | 314,462.554000  | 2,623,861.114800 |
| A partir de este vértice 729 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 57,398.23 metros hasta llegar al vértice 730. |             |                    |              |                 |                  |
|                                                                                                                                                                                       |             |                    | 730          | 277,477.107400  | 2,667,754.554400 |
| 730 - 731                                                                                                                                                                             | 56°46'05"SE | 85.65              | 731          | 277,548.751900  | 2,667,707.614900 |
| 731 - 732                                                                                                                                                                             | 54°14'46"SE | 152.21             | 732          | 277,672.276800  | 2,667,618.677000 |
| 732 - 733                                                                                                                                                                             | 06°48'44"SW | 100.25             | 733          | 277,660.386000  | 2,667,519.138600 |
| 733 - 734                                                                                                                                                                             | 77°45'36"NW | 102.80             | 734          | 277,559.927400  | 2,667,540.931700 |
| 734 - 1                                                                                                                                                                               | 25°25'10"SW | 835.86             | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“Campamento Ceuta Norte”**  
**(Superficie 1-55-76.61 hectáreas)**

| Est-PV                                                                                                                                                                         | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                |             |                       |              | X               | Y                |
|                                                                                                                                                                                |             |                       | 1            | 300,572.474900  | 2,645,064.775200 |
| 1 - 2                                                                                                                                                                          | 44°58'01"SE | 249.57                | 2            | 300,748.848900  | 2,644,888.198400 |
| 2 - 3                                                                                                                                                                          | 51°52'42"SW | 9.41                  | 3            | 300,741.447000  | 2,644,882.390100 |
| 3 - 4                                                                                                                                                                          | 51°00'32"SW | 59.36                 | 4            | 300,695.306400  | 2,644,845.038200 |
| A partir de este vértice 4 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 248.40 metros hasta llegar al vértice 5. |             |                       |              |                 |                  |
|                                                                                                                                                                                |             |                       | 5            | 300,531.683900  | 2,645,031.938600 |
| 5 - 6                                                                                                                                                                          | 51°27'36"NE | 46.25                 | 6            | 300,567.860000  | 2,645,060.755600 |
| 6 - 1                                                                                                                                                                          | 48°56'38"NE | 6.12                  | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“Malecón”**  
**(Superficie 3-07-86.24 hectáreas)**

| Est-PV                                                                                                                                                                           | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                  |             |                       |              | X               | Y                |
|                                                                                                                                                                                  |             |                       | 1            | 301,234.688500  | 2,644,388.920400 |
| 1 - 2                                                                                                                                                                            | 43°47'21"SE | 89.25                 | 2            | 301,296.448600  | 2,644,324.493400 |
| 2 - 3                                                                                                                                                                            | 35°23'01"SW | 1.08                  | 3            | 301,295.822600  | 2,644,323.612000 |
| 3 - 4                                                                                                                                                                            | 40°53'57"SE | 4.87                  | 4            | 301,299.011100  | 2,644,319.931000 |
| 4 - 5                                                                                                                                                                            | 34°55'13"NE | 1.21                  | 5            | 301,299.704700  | 2,644,320.924500 |
| 5 - 6                                                                                                                                                                            | 43°43'25"SE | 75.67                 | 6            | 301,352.004100  | 2,644,266.241600 |
| 6 - 7                                                                                                                                                                            | 32°56'52"SW | 1.29                  | 7            | 301,351.302900  | 2,644,265.159700 |
| 7 - 8                                                                                                                                                                            | 43°20'51"SE | 76.75                 | 8            | 301,403.984100  | 2,644,209.348900 |
| 8 - 9                                                                                                                                                                            | 42°56'38"SE | 17.85                 | 9            | 301,416.146003  | 2,644,196.281300 |
| 9 - 10                                                                                                                                                                           | 31°45'23"SW | 9.46                  | 10           | 301,411.169000  | 2,644,188.240600 |
| 10 - 11                                                                                                                                                                          | 43°54'51"SE | 418.45                | 11           | 301,701.401237  | 2,643,886.794860 |
| 11 - 12                                                                                                                                                                          | 44°48'53"SW | 39.15                 | 12           | 301,673.808300  | 2,643,859.023000 |
| A partir de este vértice 12 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 684.98 metros hasta llegar al vértice 13. |             |                       |              |                 |                  |
|                                                                                                                                                                                  |             |                       | 13           | 301,194.422390  | 2,644,348.289990 |
| 13 - 14                                                                                                                                                                          | 45°07'39"NE | 53.25                 | 14           | 301,232.159000  | 2,644,385.858700 |
| 14 - 1                                                                                                                                                                           | 39°33'45"NE | 3.97                  | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“Zona de Roca 1 – Boca del Río”**  
**(Superficie 0-21-07.05 hectáreas)**

| Est-PV                                                                                                                                                            | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                   |             |                       |              | X               | Y                |
|                                                                                                                                                                   |             |                       | 1            | 307,642.343400  | 2,637,170.525000 |
| 1 - 2                                                                                                                                                             | 20°07'27"SE | 17.11                 | 2            | 307,648.230800  | 2,637,154.458000 |
| 2 - 3                                                                                                                                                             | 07°05'24"SE | 25.41                 | 3            | 307,651.366600  | 2,637,129.246600 |
| 3 - 4                                                                                                                                                             | 24°56'38"SE | 17.18                 | 4            | 307,658.611600  | 2,637,113.669900 |
| 4 - 5                                                                                                                                                             | 57°04'13"SW | 18.98                 | 5            | 307,642.679900  | 2,637,103.351600 |
| 5 - 6                                                                                                                                                             | 78°37'32"NW | 39.35                 | 6            | 307,604.106200  | 2,637,111.111400 |
| A partir de este vértice 6 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 53.30 metros hasta llegar al vértice 7. |             |                       |              |                 |                  |
|                                                                                                                                                                   |             |                       | 7            | 307,623.754900  | 2,637,158.422300 |
| 7 - 1                                                                                                                                                             | 56°55'56"NE | 22.18                 | 1            |                 |                  |



**Zona de Amortiguamiento**  
**“Celestino”**  
**(Superficie 2-98-34.37 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 307,958.550700  | 2,635,943.979900 |
| 1 - 2   | 16°49'32"SE | 34.32                 | 2            | 307,968.485400  | 2,635,911.127900 |
| 2 - 3   | 04°08'54"SE | 27.13                 | 3            | 307,970.448100  | 2,635,884.068300 |
| 3 - 4   | 09°37'23"SW | 17.22                 | 4            | 307,967.569200  | 2,635,867.089100 |
| 4 - 5   | 01°49'14"SW | 19.83                 | 5            | 307,966.939000  | 2,635,847.265000 |
| 5 - 6   | 02°11'04"SE | 58.30                 | 6            | 307,969.161500  | 2,635,789.003600 |
| 6 - 7   | 03°56'43"SE | 36.92                 | 7            | 307,971.701600  | 2,635,752.173500 |
| 7 - 8   | 01°47'24"SW | 25.41                 | 8            | 307,970.907800  | 2,635,726.773500 |
| 8 - 9   | 12°20'20"SW | 10.40                 | 9            | 307,968.685300  | 2,635,716.613500 |
| 9 - 10  | 40°21'52"SE | 8.33                  | 10           | 307,974.082800  | 2,635,710.263500 |
| 10 - 11 | 09°44'37"SE | 15.95                 | 11           | 307,976.781600  | 2,635,694.547200 |
| 11 - 12 | 06°47'20"SW | 13.43                 | 12           | 307,975.194100  | 2,635,681.212100 |
| 12 - 13 | 03°59'27"SE | 4.56                  | 13           | 307,975.511600  | 2,635,676.661300 |
| 13 - 14 | 11°34'16"SE | 18.20                 | 14           | 307,979.162800  | 2,635,658.828400 |
| 14 - 15 | 04°11'47"SE | 25.31                 | 15           | 307,981.014900  | 2,635,633.587100 |
| 15 - 16 | 23°43'12"SE | 15.26                 | 16           | 307,987.153200  | 2,635,619.617000 |
| 16 - 17 | 07°18'34"SE | 40.76                 | 17           | 307,992.339100  | 2,635,579.188600 |
| 17 - 18 | 13°29'27"SE | 24.72                 | 18           | 307,998.107000  | 2,635,555.146800 |
| 18 - 19 | 09°27'43"SE | 17.70                 | 19           | 308,001.017400  | 2,635,537.684200 |
| 19 - 20 | 04°06'44"SE | 40.59                 | 20           | 308,003.927900  | 2,635,497.202900 |
| 20 - 21 | 02°08'03"SE | 42.63                 | 21           | 308,005.515400  | 2,635,454.604900 |
| 21 - 22 | 00°00'00"SE | 23.28                 | 22           | 308,005.515400  | 2,635,431.321500 |
| 22 - 23 | 09°38'53"SW | 26.84                 | 23           | 308,001.017400  | 2,635,404.863100 |
| 23 - 24 | 15°42'32"SE | 17.59                 | 24           | 308,005.780000  | 2,635,387.929800 |
| 24 - 25 | 52°20'03"SW | 19.05                 | 25           | 307,990.698700  | 2,635,376.288100 |
| 25 - 26 | 25°33'36"SW | 13.49                 | 26           | 307,984.877800  | 2,635,364.117200 |
| 26 - 27 | 09°02'22"SW | 11.79                 | 27           | 307,983.025700  | 2,635,352.475500 |
| 27 - 28 | 13°20'55"SE | 16.04                 | 28           | 307,986.729900  | 2,635,336.865100 |
| 28 - 29 | 21°19'03"SW | 11.64                 | 29           | 307,982.496600  | 2,635,326.017100 |
| 29 - 30 | 11°59'49"SW | 21.64                 | 30           | 307,977.998600  | 2,635,304.850400 |
| 30 - 31 | 19°12'14"SE | 24.94                 | 31           | 307,986.200700  | 2,635,281.302500 |
| 31 - 32 | 39°48'18"SW | 12.40                 | 32           | 307,978.263200  | 2,635,271.777400 |
| 32 - 33 | 43°15'53"SE | 6.18                  | 33           | 307,982.496600  | 2,635,267.279500 |
| 33 - 34 | 76°36'27"NE | 5.71                  | 34           | 307,988.052800  | 2,635,268.602400 |
| 34 - 35 | 15°42'32"SE | 8.80                  | 35           | 307,990.434100  | 2,635,260.135700 |
| 35 - 36 | 36°18'49"SE | 27.25                 | 36           | 308,006.573700  | 2,635,238.175300 |
| 36 - 37 | 06°20'23"SW | 7.19                  | 37           | 308,005.780000  | 2,635,231.031500 |
| 37 - 38 | 59°02'10"SE | 9.26                  | 38           | 308,013.717500  | 2,635,226.269000 |
| 38 - 39 | 00°00'00"SE | 9.52                  | 39           | 308,013.717500  | 2,635,216.744000 |
| 39 - 40 | 13°04'09"SE | 15.21                 | 40           | 308,017.157100  | 2,635,201.927300 |
| 40 - 41 | 51°20'24"SE | 6.78                  | 41           | 308,022.448700  | 2,635,197.694000 |
| 41 - 42 | 03°16'12"SW | 9.28                  | 42           | 308,021.919600  | 2,635,188.433500 |
| 42 - 43 | 57°22'51"SE | 7.85                  | 43           | 308,028.534200  | 2,635,184.200200 |
| 43 - 44 | 17°49'07"SE | 15.56                 | 44           | 308,033.296700  | 2,635,169.383500 |
| 44 - 45 | 30°57'48"SW | 12.34                 | 45           | 308,026.946700  | 2,635,158.800100 |
| 45 - 46 | 12°31'39"SE | 2.44                  | 46           | 308,027.475800  | 2,635,156.418900 |
| 46 - 47 | 50°31'38"SE | 11.65                 | 47           | 308,036.471700  | 2,635,149.010500 |
| 47 - 48 | 03°20'18"SW | 31.80                 | 48           | 308,034.619600  | 2,635,117.260500 |
| 48 - 49 | 13°37'36"SW | 17.97                 | 49           | 308,030.386300  | 2,635,099.797900 |
| 49 - 50 | 47°22'07"SE | 14.45                 | 50           | 308,041.014900  | 2,635,090.013700 |
| 50 - 51 | 76°25'04"SW | 16.92                 | 51           | 308,024.565400  | 2,635,086.039600 |
| 51 - 52 | 13°12'46"SW | 31.25                 | 52           | 308,017.421600  | 2,635,055.612400 |
| 52 - 53 | 84°48'22"SE | 5.84                  | 53           | 308,023.242500  | 2,635,055.083300 |
| 53 - 54 | 31°23'58"SW | 23.87                 | 54           | 308,010.807000  | 2,635,034.710300 |
| 54 - 55 | 40°33'04"SE | 4.51                  | 55           | 308,013.740600  | 2,635,031.281700 |
| 55 - 56 | 29°53'11"SW | 21.24                 | 56           | 308,003.157300  | 2,635,012.866700 |
| 56 - 57 | 24°18'15"SE | 7.20                  | 57           | 308,006.120600  | 2,635,006.305000 |
| 57 - 58 | 57°16'14"SW | 10.97                 | 58           | 307,996.891700  | 2,635,000.373500 |
| 58 - 59 | 77°32'26"NW | 9.63                  | 59           | 307,987.484100  | 2,635,002.452100 |

A partir de este vértice 59 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 966.00 metros hasta llegar al vértice 60.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 60 | 307,910.630000 | 2,635,943.936000 |
| 60 - 1 | 89°56'51"NE | 47.92 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Zona de Roca 2 – Sur”**  
**(Superficie 0-28-67.41 hectáreas)**

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|-----------------|-----------------|------------------|
|        |             |                       |                 | X               | Y                |
|        |             |                       | 1               | 308,279.832600  | 2,632,910.695000 |
| 1 - 2  | 11°53'19"SW | 18.49                 | 2               | 308,276.022600  | 2,632,892.597500 |
| 2 - 3  | 05°26'24"SW | 6.70                  | 3               | 308,275.387600  | 2,632,885.929900 |
| 3 - 4  | 17°11'57"SE | 8.52                  | 4               | 308,277.905500  | 2,632,877.795600 |
| 4 - 5  | 55°45'48"SE | 9.24                  | 5               | 308,285.547600  | 2,632,872.594900 |
| 5 - 6  | 74°58'55"SE | 9.43                  | 6               | 308,294.659900  | 2,632,870.150200 |
| 6 - 7  | 09°49'09"SE | 5.59                  | 7               | 308,295.612400  | 2,632,864.646800 |
| 7 - 8  | 49°57'01"SE | 12.21                 | 8               | 308,304.960900  | 2,632,856.788700 |
| 8 - 9  | 48°29'21"SW | 44.60                 | 9               | 308,271.565500  | 2,632,827.231800 |

A partir de este vértice 9 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 106.87 metros hasta llegar al vértice 10.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 10 | 308,253.923700 | 2,632,927.291700 |
| 10 - 1 | 57°21'26"SE | 30.77 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Zona de Roca 3 – Sur”**  
**(Superficie 1-07-35.91 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 310,194.030500  | 2,630,681.273000 |
| 1 - 2   | 12°23'43"SE | 17.94                 | 2            | 310,197.882200  | 2,630,663.747800 |
| 2 - 3   | 39°28'21"SE | 17.48                 | 3            | 310,208.994700  | 2,630,650.254100 |
| 3 - 4   | 13°01'51"SE | 19.01                 | 4            | 310,213.280500  | 2,630,631.736000 |
| 4 - 5   | 23°18'05"SE | 11.24                 | 5            | 310,217.726000  | 2,630,621.414400 |
| 5 - 6   | 03°39'08"SW | 12.46                 | 6            | 310,216.932200  | 2,630,608.979000 |
| 6 - 7   | 28°55'35"SE | 11.49                 | 7            | 310,222.488500  | 2,630,598.924800 |
| 7 - 8   | 31°51'57"SE | 11.53                 | 8            | 310,228.573900  | 2,630,589.135200 |
| 8 - 9   | 02°54'38"SE | 15.63                 | 9            | 310,229.367600  | 2,630,573.524700 |
| 9 - 10  | 25°51'59"SE | 19.41                 | 10           | 310,237.834300  | 2,630,556.062200 |
| 10 - 11 | 66°26'52"SE | 11.26                 | 11           | 310,248.153100  | 2,630,551.564300 |
| 11 - 12 | 36°43'58"SE | 22.12                 | 12           | 310,261.382300  | 2,630,533.837200 |
| 12 - 13 | 75°30'48"SE | 4.00                  | 13           | 310,265.257400  | 2,630,532.836000 |
| 13 - 14 | 46°00'59"NE | 5.96                  | 14           | 310,269.548000  | 2,630,536.977000 |
| 14 - 15 | 59°37'38"SE | 13.54                 | 15           | 310,281.226100  | 2,630,530.133000 |
| 15 - 16 | 23°48'21"SW | 9.83                  | 16           | 310,277.257300  | 2,630,521.137100 |
| 16 - 17 | 55°38'16"SE | 23.01                 | 17           | 310,296.254100  | 2,630,508.148200 |
| 17 - 18 | 12°21'18"SW | 5.93                  | 18           | 310,294.984400  | 2,630,502.351700 |
| 18 - 19 | 57°51'06"SE | 14.33                 | 19           | 310,307.118500  | 2,630,494.725800 |
| 19 - 20 | 61°04'42"SE | 12.13                 | 20           | 310,317.738700  | 2,630,488.857900 |
| 20 - 21 | 44°19'33"SE | 15.90                 | 21           | 310,328.851200  | 2,630,477.480800 |
| 21 - 22 | 45°18'00"SE | 30.42                 | 22           | 310,350.475800  | 2,630,456.081500 |
| 22 - 23 | 54°03'48"SW | 43.60                 | 23           | 310,315.173800  | 2,630,430.492800 |

A partir de este vértice 23 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 297.62 metros hasta llegar al vértice 24.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 24 | 310,160.187300 | 2,630,672.518000 |
| 24 - 1 | 75°29'45"NE | 34.96 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Zona de Roca 4 – Sur Cerro Patole”**  
**(Superficie 1-48-99.88 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 312,220.978100  | 2,627,743.787700 |
| 1 - 2   | 82°04'42"SW | 8.44                  | 2            | 312,212.615700  | 2,627,742.624100 |
| 2 - 3   | 37°59'20"SW | 15.68                 | 3            | 312,202.962000  | 2,627,730.263100 |
| 3 - 4   | 23°11'21"SW | 5.21                  | 4            | 312,200.909600  | 2,627,725.472000 |
| 4 - 5   | 49°13'05"SW | 19.88                 | 5            | 312,185.855200  | 2,627,712.485700 |
| 5 - 6   | 60°01'15"SW | 13.88                 | 6            | 312,173.836000  | 2,627,705.552300 |
| 6 - 7   | 28°33'29"SW | 10.27                 | 7            | 312,168.927000  | 2,627,696.532900 |
| 7 - 8   | 49°01'44"SW | 10.65                 | 8            | 312,160.883600  | 2,627,689.548000 |
| 8 - 9   | 26°30'31"SW | 20.17                 | 9            | 312,151.881100  | 2,627,671.498700 |
| 9 - 10  | 00°09'32"SE | 12.96                 | 10           | 312,151.917100  | 2,627,658.538400 |
| 10 - 11 | 17°38'21"SW | 23.15                 | 11           | 312,144.901800  | 2,627,636.475800 |
| 11 - 12 | 21°46'06"SW | 10.80                 | 12           | 312,140.897300  | 2,627,626.447800 |
| 12 - 13 | 70°20'21"NW | 18.11                 | 13           | 312,123.846900  | 2,627,632.539500 |
| 13 - 14 | 51°40'38"SW | 11.42                 | 14           | 312,114.884500  | 2,627,625.455700 |
| 14 - 15 | 12°18'11"SW | 14.24                 | 15           | 312,111.849200  | 2,627,611.538300 |
| 15 - 16 | 00°09'04"SE | 13.07                 | 16           | 312,111.883700  | 2,627,598.467300 |
| 16 - 17 | 15°20'09"SE | 11.41                 | 17           | 312,114.901800  | 2,627,587.462100 |
| 17 - 18 | 04°20'38"SW | 12.98                 | 18           | 312,113.918300  | 2,627,574.515000 |
| 18 - 19 | 10°54'17"SW | 21.38                 | 19           | 312,109.873700  | 2,627,553.521500 |
| 19 - 20 | 17°18'49"SE | 16.78                 | 20           | 312,114.866100  | 2,627,537.506300 |
| 20 - 21 | 14°08'55"SE | 20.63                 | 21           | 312,119.908800  | 2,627,517.502700 |
| 21 - 22 | 28°24'49"SE | 12.56                 | 22           | 312,125.883400  | 2,627,506.459200 |
| 22 - 23 | 14°08'55"SE | 20.63                 | 23           | 312,130.926100  | 2,627,486.455600 |
| 23 - 24 | 21°21'05"SE | 19.25                 | 24           | 312,137.933100  | 2,627,468.531200 |
| 24 - 25 | 01°48'38"SE | 32.04                 | 25           | 312,138.945500  | 2,627,436.506200 |
| 25 - 26 | 20°55'15"SW | 31.03                 | 26           | 312,127.863800  | 2,627,407.517800 |
| 26 - 27 | 08°27'24"SW | 33.42                 | 27           | 312,122.949100  | 2,627,374.461900 |
| 27 - 28 | 05°22'23"SE | 21.05                 | 28           | 312,124.920600  | 2,627,353.501300 |
| 28 - 29 | 08°46'08"SW | 26.29                 | 29           | 312,120.913300  | 2,627,327.522800 |
| 29 - 30 | 26°31'01"SW | 14.39                 | 30           | 312,114.488000  | 2,627,314.645300 |
| 30 - 31 | 02°17'26"SE | 9.19                  | 31           | 312,114.855300  | 2,627,305.463000 |
| 31 - 32 | 89°32'02"NW | 18.29                 | 32           | 312,096.569500  | 2,627,305.611700 |

A partir de este vértice 32 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 499.84 metros hasta llegar al vértice 33.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 33 | 312,188.641100 | 2,627,760.478400 |
| 33 - 1 | 62°41'58"SE | 36.39 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Zona de Roca 5 – Sur”**  
**(Superficie 1-00-82.27 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 312,075.056600  | 2,626,958.411800 |
| 1 - 2   | 65°08'49"SW | 2.39                  | 2            | 312,072.883600  | 2,626,957.405300 |
| 2 - 3   | 47°44'24"SW | 14.78                 | 3            | 312,061.946400  | 2,626,947.467200 |
| 3 - 4   | 84°25'24"SW | 21.13                 | 4            | 312,040.914900  | 2,626,945.413700 |
| 4 - 5   | 36°35'04"SW | 28.56                 | 5            | 312,023.895300  | 2,626,922.483800 |
| 5 - 6   | 48°00'24"SW | 26.93                 | 6            | 312,003.880400  | 2,626,904.466600 |
| 6 - 7   | 41°50'55"SW | 13.66                 | 7            | 311,994.763800  | 2,626,894.287700 |
| 7 - 8   | 34°41'43"SW | 10.46                 | 8            | 311,988.810600  | 2,626,885.688700 |
| 8 - 9   | 68°44'58"SW | 25.55                 | 9            | 311,964.998100  | 2,626,876.428300 |
| 9 - 10  | 20°10'13"SW | 17.26                 | 10           | 311,959.045000  | 2,626,860.222500 |
| 10 - 11 | 18°26'06"SW | 15.69                 | 11           | 311,954.084000  | 2,626,845.339700 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 11 - 12 | 21°34'16"SW | 15.29                 | 12           | 311,948.461600  | 2,626,831.118300 |
| 12 - 13 | 43°15'51"SW | 15.44                 | 13           | 311,937.878300  | 2,626,819.873500 |
| 13 - 14 | 63°54'16"SW | 18.05                 | 14           | 311,921.672500  | 2,626,811.936000 |
| 14 - 15 | 67°22'48"SW | 17.20                 | 15           | 311,905.797500  | 2,626,805.321400 |
| 15 - 16 | 61°59'26"SW | 17.61                 | 16           | 311,890.253200  | 2,626,797.053100 |
| 16 - 17 | 76°13'06"SW | 18.05                 | 17           | 311,872.724500  | 2,626,792.753600 |
| 17 - 18 | 78°33'32"SW | 28.34                 | 18           | 311,844.943200  | 2,626,787.131200 |
| 18 - 19 | 55°05'51"SW | 17.34                 | 19           | 311,830.721800  | 2,626,777.209300 |
| 19 - 20 | 69°35'25"SW | 15.17                 | 20           | 311,816.500400  | 2,626,771.917700 |
| 20 - 21 | 36°13'38"SW | 30.97                 | 21           | 311,798.194500  | 2,626,746.931000 |
| 21 - 22 | 22°30'48"SW | 18.93                 | 22           | 311,790.947300  | 2,626,729.446400 |
| 22 - 23 | 09°23'14"SW | 12.21                 | 23           | 311,788.955500  | 2,626,717.398500 |
| 23 - 24 | 28°18'32"SE | 14.70                 | 24           | 311,795.925300  | 2,626,704.459000 |
| 24 - 25 | 52°08'22"SE | 11.38                 | 25           | 311,804.909700  | 2,626,697.474800 |
| 25 - 26 | 79°30'12"SE | 16.35                 | 26           | 311,820.981900  | 2,626,694.497000 |
| 26 - 27 | 53°24'15"SE | 23.92                 | 27           | 311,840.184000  | 2,626,680.238500 |
| 27 - 28 | 64°56'24"SW | 29.10                 | 28           | 311,813.827100  | 2,626,667.914600 |

A partir de este vértice 28 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 498.52 metros hasta llegar al vértice 29.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 29 | 312,053.866200 | 2,626,985.535400 |
| 29 - 1 | 37°59'55"SE | 34.42 | 1  |                |                  |

### Zona Núcleo

#### “Península de Quevedo”

(Superficie 363-84-71.27 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 277,201.139900  | 2,666,785.992700 |
| 1 - 2   | 33°52'49"SE | 299.04                | 2               | 277,367.845200  | 2,666,537.726100 |
| 2 - 3   | 35°01'39"SE | 209.80                | 3               | 277,488.263500  | 2,666,365.928200 |
| 3 - 4   | 50°13'35"SE | 228.71                | 4               | 277,664.045100  | 2,666,219.609700 |
| 4 - 5   | 48°42'53"SE | 213.04                | 5               | 277,824.128600  | 2,666,079.045800 |
| 5 - 6   | 49°45'44"SE | 183.31                | 6               | 277,964.064500  | 2,665,960.632800 |
| 6 - 7   | 49°56'21"SE | 318.04                | 7               | 278,207.483600  | 2,665,755.939500 |
| 7 - 8   | 50°17'26"SE | 170.67                | 8               | 278,338.777300  | 2,665,646.901700 |
| 8 - 9   | 49°17'05"SE | 150.59                | 9               | 278,452.915000  | 2,665,548.674900 |
| 9 - 10  | 51°46'18"SE | 353.23                | 10              | 278,730.395600  | 2,665,330.098100 |
| 10 - 11 | 48°38'32"SE | 281.79                | 11              | 278,941.905500  | 2,665,143.904000 |
| 11 - 12 | 49°59'00"SE | 320.61                | 12              | 279,187.445100  | 2,664,937.750800 |
| 12 - 13 | 50°08'28"SE | 305.83                | 13              | 279,422.206200  | 2,664,741.746600 |
| 13 - 14 | 49°53'46"SE | 325.21                | 14              | 279,670.951800  | 2,664,532.255800 |
| 14 - 15 | 49°45'31"SE | 340.60                | 15              | 279,930.944800  | 2,664,312.222600 |
| 15 - 16 | 49°50'38"SE | 528.20                | 16              | 280,334.644500  | 2,663,971.601800 |
| 16 - 17 | 49°41'10"SE | 175.09                | 17              | 280,468.155300  | 2,663,858.321500 |
| 17 - 18 | 49°19'20"SE | 1,031.06              | 18              | 281,250.102300  | 2,663,186.270600 |
| 18 - 19 | 48°54'14"SE | 800.07                | 19              | 281,853.040400  | 2,662,660.367700 |
| 19 - 20 | 48°44'56"SE | 395.71                | 20              | 282,150.548500  | 2,662,399.451200 |
| 20 - 21 | 47°58'30"SE | 310.94                | 21              | 282,381.535600  | 2,662,191.288700 |
| 21 - 22 | 48°26'59"SE | 481.57                | 22              | 282,741.928500  | 2,661,871.877000 |
| 22 - 23 | 48°54'51"SE | 761.30                | 23              | 283,315.737500  | 2,661,371.563200 |
| 23 - 24 | 48°49'04"SE | 525.87                | 24              | 283,711.517500  | 2,661,025.302500 |
| 24 - 25 | 48°45'11"SE | 307.26                | 25              | 283,942.535800  | 2,660,822.727600 |
| 25 - 26 | 48°08'16"SE | 299.76                | 26              | 284,165.785200  | 2,660,622.684600 |
| 26 - 27 | 48°59'43"SE | 425.04                | 27              | 284,486.548300  | 2,660,343.805400 |
| 27 - 28 | 48°27'46"SE | 1,001.82              | 28              | 285,236.440200  | 2,659,679.494100 |
| 28 - 29 | 48°17'26"SE | 716.97                | 29              | 285,771.678800  | 2,659,202.456800 |
| 29 - 30 | 48°15'59"SE | 670.80                | 30              | 286,272.266900  | 2,658,755.925000 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 30 - 31 | 47°19'08"SE | 496.30                | 31              | 286,637.118200  | 2,658,419.473600 |
| 31 - 32 | 48°35'08"SE | 769.72                | 32              | 287,214.368800  | 2,657,910.304700 |
| 32 - 33 | 49°02'21"SE | 1,455.45              | 33              | 288,313.465400  | 2,656,956.195300 |
| 33 - 34 | 48°28'02"SE | 470.40                | 34              | 288,665.597300  | 2,656,644.298000 |
| 34 - 35 | 48°02'10"SE | 480.62                | 35              | 289,022.967100  | 2,656,322.928700 |
| 35 - 36 | 48°32'25"SE | 735.02                | 36              | 289,573.806400  | 2,655,836.279500 |
| 36 - 37 | 47°47'32"SE | 1,200.67              | 37              | 290,463.161300  | 2,655,029.646500 |
| 37 - 38 | 47°20'49"SE | 762.85                | 38              | 291,024.215500  | 2,654,512.771300 |
| 38 - 39 | 47°14'57"SE | 1,585.88              | 39              | 292,188.745700  | 2,653,436.261100 |
| 39 - 40 | 45°58'14"SE | 596.51                | 40              | 292,617.625273  | 2,653,021.673460 |
| 40 - 41 | 45°58'14"SE | 58.43                 | 41              | 292,659.633100  | 2,652,981.065500 |
| 41 - 42 | 41°03'30"NE | 1.10                  | 42              | 292,660.358799  | 2,652,981.898600 |
| 42 - 43 | 41°03'09"NE | 14.29                 | 43              | 292,669.744600  | 2,652,992.675700 |
| 43 - 44 | 46°58'05"SE | 674.74                | 44              | 293,162.965900  | 2,652,532.227500 |
| 44 - 45 | 10°58'21"SW | 15.09                 | 45              | 293,160.093705  | 2,652,517.413610 |
| 45 - 46 | 46°59'05"SE | 55.45                 | 46              | 293,200.638339  | 2,652,479.585270 |
| 46 - 47 | 46°59'05"SE | 341.38                | 47              | 293,450.244000  | 2,652,246.702000 |
| 47 - 48 | 45°31'30"SE | 324.62                | 48              | 293,681.876200  | 2,652,019.277300 |
| 48 - 49 | 89°54'15"SE | 7.73                  | 49              | 293,689.604400  | 2,652,019.264400 |
| 49 - 50 | 50°28'25"SE | 69.23                 | 50              | 293,743.000200  | 2,651,975.207200 |
| 50 - 51 | 29°54'30"SW | 13.32                 | 51              | 293,736.359600  | 2,651,963.662800 |
| 51 - 52 | 45°05'46"SE | 311.83                | 52              | 293,957.224500  | 2,651,743.537900 |
| 52 - 53 | 47°04'47"SE | 202.99                | 53              | 294,105.873307  | 2,651,605.307810 |
| 53 - 54 | 47°41'31"SE | 13.33                 | 54              | 294,115.732509  | 2,651,596.334110 |
| 54 - 55 | 52°45'00"NE | 5.97                  | 55              | 294,120.486600  | 2,651,599.949200 |
| 55 - 56 | 47°52'04"SE | 266.75                | 56              | 294,318.307300  | 2,651,421.002600 |
| 56 - 57 | 43°49'53"SW | 5.68                  | 57              | 294,314.371800  | 2,651,416.903200 |
| 57 - 58 | 47°11'08"SE | 114.40                | 58              | 294,398.288302  | 2,651,339.156800 |
| 58 - 59 | 47°41'31"SE | 48.62                 | 59              | 294,434.247506  | 2,651,306.427310 |
| 59 - 60 | 83°30'56"NE | 11.14                 | 60              | 294,445.315900  | 2,651,307.685300 |
| 60 - 61 | 47°48'08"SE | 110.61                | 61              | 294,527.255800  | 2,651,233.392800 |
| 61 - 62 | 48°05'45"SE | 303.79                | 62              | 294,753.358800  | 2,651,030.494200 |
| 62 - 63 | 47°41'10"SE | 411.28                | 63              | 295,057.486600  | 2,650,753.625300 |
| 63 - 64 | 46°58'55"SE | 583.42                | 64              | 295,484.046400  | 2,650,355.600700 |
| 64 - 65 | 46°45'39"SE | 145.20                | 65              | 295,589.827800  | 2,650,256.129800 |
| 65 - 66 | 45°30'32"SE | 138.44                | 66              | 295,688.587900  | 2,650,159.109200 |
| 66 - 67 | 41°45'08"SE | 108.31                | 67              | 295,760.714800  | 2,650,078.304800 |
| 67 - 68 | 41°43'41"SE | 169.78                | 68              | 295,873.722900  | 2,649,951.592900 |
| 68 - 69 | 46°57'28"SE | 89.07                 | 69              | 295,938.822000  | 2,649,890.797500 |
| 69 - 70 | 43°19'32"SE | 294.61                | 70              | 296,140.966400  | 2,649,676.480000 |
| 70 - 71 | 45°44'59"SE | 231.88                | 71              | 296,307.062700  | 2,649,514.675100 |
| 71 - 72 | 42°36'29"SE | 178.89                | 72              | 296,428.166900  | 2,649,383.013200 |
| 72 - 73 | 44°22'08"SE | 145.83                | 73              | 296,530.146100  | 2,649,278.763100 |
| 73 - 74 | 45°34'06"SE | 405.25                | 74              | 296,819.532800  | 2,648,995.061400 |
| 74 - 75 | 45°04'35"SE | 142.79                | 75              | 296,920.634000  | 2,648,894.230100 |
| 75 - 76 | 44°47'49"SE | 177.15                | 76              | 297,045.453200  | 2,648,768.523100 |
| 76 - 77 | 43°30'32"SE | 454.39                | 77              | 297,358.286500  | 2,648,438.970200 |
| 77 - 78 | 43°21'10"SE | 258.03                | 78              | 297,535.419900  | 2,648,251.348000 |
| 78 - 79 | 44°10'03"SE | 329.88                | 79              | 297,765.267000  | 2,648,014.723600 |
| 79 - 80 | 42°06'16"SE | 302.67                | 80              | 297,968.205900  | 2,647,790.162900 |
| 80 - 81 | 40°50'28"SE | 207.85                | 81              | 298,104.135300  | 2,647,632.915600 |
| 81 - 82 | 38°57'17"SE | 236.99                | 82              | 298,253.134100  | 2,647,448.621100 |
| 82 - 83 | 43°55'52"SE | 405.65                | 83              | 298,534.573100  | 2,647,156.482900 |
| 83 - 84 | 43°32'35"SE | 225.60                | 84              | 298,689.992400  | 2,646,992.951900 |
| 84 - 85 | 42°53'29"SE | 342.31                | 85              | 298,922.972600  | 2,646,742.161300 |
| 85 - 86 | 44°50'42"SE | 186.93                | 86              | 299,054.793000  | 2,646,609.626100 |
| 86 - 87 | 43°55'25"SE | 237.37                | 87              | 299,219.455000  | 2,646,438.659500 |
| 87 - 88 | 43°25'17"SE | 257.39                | 88              | 299,396.374000  | 2,646,251.712800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 88 - 89 | 45°48'04"SE | 489.77                | 89              | 299,747.501400  | 2,645,910.269800 |
| 89 - 90 | 44°34'39"SE | 246.77                | 90              | 299,920.706300  | 2,645,734.492400 |
| 90 - 91 | 43°55'32"SE | 252.41                | 91              | 300,095.807700  | 2,645,552.698000 |
| 91 - 92 | 44°29'08"SE | 378.41                | 92              | 300,360.974300  | 2,645,282.726900 |
| 92 - 93 | 43°54'38"SE | 249.39                | 93              | 300,533.935100  | 2,645,103.061500 |
| 93 - 94 | 45°11'20"SE | 54.32                 | 94              | 300,572.474900  | 2,645,064.775200 |
| 94 - 95 | 48°56'38"SW | 6.12                  | 95              | 300,567.860000  | 2,645,060.755600 |
| 95 - 96 | 51°27'36"SW | 46.25                 | 96              | 300,531.683888  | 2,645,031.938590 |

A partir de este vértice 96 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 32,370.21 metros hasta llegar al vértice 97.

|           |             |        |     |                |                  |
|-----------|-------------|--------|-----|----------------|------------------|
|           |             |        | 97  | 277,477.107400 | 2,667,754.554400 |
| 97 - 98   | 56°46'05"SE | 85.65  | 98  | 277,548.751900 | 2,667,707.614900 |
| 98 - 99   | 54°14'46"SE | 152.21 | 99  | 277,672.276800 | 2,667,618.677000 |
| 99 - 100  | 06°48'44"SW | 100.25 | 100 | 277,660.386000 | 2,667,519.138600 |
| 100 - 101 | 77°45'36"NW | 102.80 | 101 | 277,559.927400 | 2,667,540.931700 |
| 101 - 1   | 25°25'10"SW | 835.86 | 1   |                |                  |

### Zona Núcleo

#### “Ceuta”

(Superficie 4-70-42.17 hectáreas)

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|-----------------|-----------------|------------------|
|        |             |                       |                 | X               | Y                |
|        |             |                       | 1               | 300,748.848900  | 2,644,888.198400 |
| 1 - 2  | 44°58'01"SE | 696.54                | 2               | 301,241.095600  | 2,644,395.385600 |
| 2 - 3  | 44°44'29"SW | 9.10                  | 3               | 301,234.688500  | 2,644,388.920400 |
| 3 - 4  | 39°33'45"SW | 3.97                  | 4               | 301,232.159000  | 2,644,385.858700 |
| 4 - 5  | 45°07'39"SW | 53.25                 | 5               | 301,194.422396  | 2,644,348.290000 |

A partir de este vértice 5 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 704.18 metros hasta llegar al vértice 6.

|       |             |       |   |                |                  |
|-------|-------------|-------|---|----------------|------------------|
|       |             |       | 6 | 300,695.306393 | 2,644,845.038190 |
| 6 - 7 | 51°00'32"NE | 59.36 | 7 | 300,741.447000 | 2,644,882.390100 |
| 7 - 1 | 51°52'42"NE | 9.41  | 1 |                |                  |

### Zona Núcleo

#### “Boca del Río Norte”

(Superficie 56-95-01.28 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 301,711.561100  | 2,643,897.020600 |
| 1 - 2   | 43°11'33"SE | 1,493.30              | 2               | 302,733.651400  | 2,642,808.320200 |
| 2 - 3   | 39°30'36"SE | 118.68                | 3               | 302,809.156100  | 2,642,716.758500 |
| 3 - 4   | 84°05'54"NE | 23.14                 | 4               | 302,832.173700  | 2,642,719.137800 |
| 4 - 5   | 59°54'00"SE | 24.95                 | 5               | 302,853.755300  | 2,642,706.627400 |
| 5 - 6   | 84°59'18"NE | 20.57                 | 6               | 302,874.243700  | 2,642,708.424100 |
| 6 - 7   | 10°29'29"SE | 10.90                 | 7               | 302,876.228100  | 2,642,697.708500 |
| 7 - 8   | 31°49'39"SW | 13.55                 | 8               | 302,869.084300  | 2,642,686.199100 |
| 8 - 9   | 12°45'26"SE | 21.57                 | 9               | 302,873.846800  | 2,642,665.164600 |
| 9 - 10  | 53°17'09"SE | 29.21                 | 10              | 302,897.262500  | 2,642,647.702100 |
| 10 - 11 | 43°24'31"SE | 40.43                 | 11              | 302,925.043800  | 2,642,618.333300 |
| 11 - 12 | 47°01'57"SE | 140.47                | 12              | 303,027.828500  | 2,642,522.594000 |
| 12 - 13 | 48°48'24"SE | 172.06                | 13              | 303,157.298600  | 2,642,409.278200 |
| 13 - 14 | 56°30'33"SE | 72.58                 | 14              | 303,217.825600  | 2,642,369.230300 |
| 14 - 15 | 31°10'20"SE | 34.13                 | 15              | 303,235.494100  | 2,642,340.024400 |
| 15 - 16 | 33°53'10"SE | 78.40                 | 16              | 303,279.206800  | 2,642,274.939300 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 16 - 17 | 43°21'37"SE | 72.89                 | 17              | 303,329.253799  | 2,642,221.942710 |
| 17 - 18 | 82°35'06"NE | 73.79                 | 18              | 303,402.422600  | 2,642,231.464800 |
| 18 - 19 | 80°12'47"SE | 82.22                 | 19              | 303,483.448000  | 2,642,217.488700 |
| 19 - 20 | 17°53'31"SE | 52.96                 | 20              | 303,499.720000  | 2,642,167.085500 |
| 20 - 21 | 12°26'07"SE | 79.25                 | 21              | 303,516.785600  | 2,642,089.694700 |
| 21 - 22 | 09°28'47"SW | 55.23                 | 22              | 303,507.689900  | 2,642,035.223200 |
| 22 - 23 | 21°39'23"SE | 11.40                 | 23              | 303,511.897700  | 2,642,024.626000 |
| 23 - 24 | 47°53'16"SE | 275.94                | 24              | 303,716.597900  | 2,641,839.586100 |
| 24 - 25 | 45°07'56"SE | 115.28                | 25              | 303,798.304600  | 2,641,758.255900 |
| 25 - 26 | 39°34'48"SE | 153.04                | 26              | 303,895.814700  | 2,641,640.303700 |
| 26 - 27 | 39°16'50"SE | 159.38                | 27              | 303,996.722200  | 2,641,516.934500 |
| 27 - 28 | 30°45'28"SE | 99.39                 | 28              | 304,047.552700  | 2,641,431.523200 |
| 28 - 29 | 34°52'08"SE | 121.25                | 29              | 304,116.873600  | 2,641,332.039700 |
| 29 - 30 | 41°07'31"SE | 94.13                 | 30              | 304,178.786300  | 2,641,261.131200 |
| 30 - 31 | 35°55'22"SE | 64.04                 | 31              | 304,216.357200  | 2,641,209.272800 |
| 31 - 32 | 57°08'39"SE | 60.47                 | 32              | 304,267.157300  | 2,641,176.464400 |
| 32 - 33 | 42°35'59"SE | 62.54                 | 33              | 304,309.490700  | 2,641,130.426800 |
| 33 - 34 | 39°54'49"SE | 71.75                 | 34              | 304,355.528300  | 2,641,075.393400 |
| 34 - 35 | 42°10'01"SE | 55.16                 | 35              | 304,392.555700  | 2,641,034.510500 |
| 35 - 36 | 28°55'09"SE | 53.65                 | 36              | 304,418.499200  | 2,640,987.551500 |
| 36 - 37 | 37°16'32"SE | 65.32                 | 37              | 304,458.059000  | 2,640,935.576000 |
| 37 - 38 | 42°29'21"SE | 136.04                | 38              | 304,549.948000  | 2,640,835.259300 |
| 38 - 39 | 42°29'21"SE | 124.30                | 39              | 304,633.909800  | 2,640,743.596800 |
| 39 - 40 | 45°19'23"SE | 175.50                | 40              | 304,758.708400  | 2,640,620.198000 |
| 40 - 41 | 46°00'17"SE | 152.27                | 41              | 304,868.250600  | 2,640,514.432100 |
| 41 - 42 | 50°01'09"SE | 69.11                 | 42              | 304,921.208600  | 2,640,470.025500 |
| 42 - 43 | 45°20'35"SE | 62.49                 | 43              | 304,965.658700  | 2,640,426.104600 |
| 43 - 44 | 41°12'09"SE | 126.32                | 44              | 305,048.871100  | 2,640,331.060800 |
| 44 - 45 | 42°38'09"SE | 72.65                 | 45              | 305,098.081100  | 2,640,277.612500 |
| 45 - 46 | 42°32'19"SE | 41.81                 | 46              | 305,126.349300  | 2,640,246.804900 |
| 46 - 47 | 41°25'21"SE | 277.59                | 47              | 305,310.006100  | 2,640,038.653400 |
| 47 - 48 | 43°16'23"SE | 118.11                | 48              | 305,390.964900  | 2,639,952.661400 |
| 48 - 49 | 44°21'25"SE | 104.36                | 49              | 305,463.923100  | 2,639,878.047000 |
| 49 - 50 | 41°46'26"SE | 85.66                 | 50              | 305,520.987600  | 2,639,814.165600 |
| 50 - 51 | 44°49'23"SE | 100.25                | 51              | 305,591.655400  | 2,639,743.060500 |
| 51 - 52 | 44°49'23"SE | 70.15                 | 52              | 305,641.108500  | 2,639,693.301400 |
| 52 - 53 | 47°51'38"SE | 48.33                 | 53              | 305,676.948300  | 2,639,660.872900 |
| 53 - 54 | 48°18'09"SE | 53.03                 | 54              | 305,716.547300  | 2,639,625.594700 |
| 54 - 55 | 44°58'16"SE | 175.12                | 55              | 305,840.311200  | 2,639,501.706700 |
| 55 - 56 | 42°51'38"SE | 114.58                | 56              | 305,918.248800  | 2,639,417.720300 |
| 56 - 57 | 46°50'14"SE | 75.45                 | 57              | 305,973.281700  | 2,639,366.108700 |
| 57 - 58 | 44°22'19"SE | 76.51                 | 58              | 306,026.785400  | 2,639,311.419300 |
| 58 - 59 | 44°01'54"SE | 74.63                 | 59              | 306,078.659700  | 2,639,257.761400 |
| 59 - 60 | 43°18'44"SE | 113.45                | 60              | 306,156.482100  | 2,639,175.213800 |
| 60 - 61 | 44°05'58"SE | 81.58                 | 61              | 306,213.252000  | 2,639,116.631200 |
| 61 - 62 | 44°27'19"SE | 82.34                 | 62              | 306,270.917000  | 2,639,057.859700 |
| 62 - 63 | 44°27'19"SE | 96.53                 | 63              | 306,338.522300  | 2,638,988.957100 |
| 63 - 64 | 44°27'19"SE | 96.75                 | 64              | 306,406.284800  | 2,638,919.894200 |
| 64 - 65 | 44°27'41"SE | 114.09                | 65              | 306,486.200400  | 2,638,838.462400 |
| 65 - 66 | 44°28'23"SE | 91.90                 | 66              | 306,550.580700  | 2,638,772.887200 |
| 66 - 67 | 44°28'23"SE | 149.66                | 67              | 306,655.432300  | 2,638,666.089500 |
| 67 - 68 | 44°28'23"SE | 55.21                 | 68              | 306,694.110600  | 2,638,626.693300 |
| 68 - 69 | 74°12'41"SE | 28.49                 | 69              | 306,721.525400  | 2,638,618.941700 |
| 69 - 70 | 10°27'05"SE | 27.71                 | 70              | 306,726.552500  | 2,638,591.689500 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 70 - 71 | 33°22'22"SE | 24.78                 | 71              | 306,740.182000  | 2,638,570.998100 |
| 71 - 72 | 40°04'09"SE | 137.34                | 72              | 306,828.591700  | 2,638,465.894300 |
| 72 - 73 | 42°19'33"SE | 107.45                | 73              | 306,900.943000  | 2,638,386.453810 |
| 73 - 74 | 47°17'02"SE | 44.97                 | 74              | 306,933.986200  | 2,638,355.945300 |
| 74 - 75 | 45°26'51"SE | 47.90                 | 75              | 306,968.117500  | 2,638,322.343100 |
| 75 - 76 | 32°29'35"SE | 52.70                 | 76              | 306,996.428000  | 2,638,277.893100 |
| 76 - 77 | 40°45'57"SE | 159.65                | 77              | 307,100.674100  | 2,638,156.978200 |
| 77 - 78 | 37°54'00"SE | 52.98                 | 78              | 307,133.217900  | 2,638,115.174000 |
| 78 - 79 | 34°01'02"SE | 38.34                 | 79              | 307,154.665300  | 2,638,083.397700 |
| 79 - 80 | 44°34'49"SE | 50.11                 | 80              | 307,189.838800  | 2,638,047.705100 |
| 80 - 81 | 40°58'57"SE | 56.08                 | 81              | 307,226.616000  | 2,638,005.371700 |
| 81 - 82 | 45°10'08"SE | 63.42                 | 82              | 307,271.595200  | 2,637,960.657000 |
| 82 - 83 | 57°48'11"SE | 17.80                 | 83              | 307,286.655300  | 2,637,951.174300 |
| 83 - 84 | 44°50'22"SE | 44.44                 | 84              | 307,317.988500  | 2,637,919.665100 |
| 84 - 85 | 37°17'43"SE | 48.33                 | 85              | 307,347.274200  | 2,637,881.215600 |
| 85 - 86 | 37°17'42"SE | 46.60                 | 86              | 307,375.508800  | 2,637,844.145900 |
| 86 - 87 | 31°10'30"SE | 49.57                 | 87              | 307,401.167200  | 2,637,801.737400 |
| 87 - 88 | 31°21'39"SE | 41.89                 | 88              | 307,422.968900  | 2,637,765.965600 |
| 88 - 89 | 30°30'15"SE | 31.69                 | 89              | 307,439.055600  | 2,637,738.660600 |
| 89 - 90 | 22°58'14"SE | 55.86                 | 90              | 307,460.857400  | 2,637,687.225500 |
| 90 - 91 | 16°15'14"SE | 77.59                 | 91              | 307,482.575300  | 2,637,612.733900 |
| 91 - 92 | 06°29'57"SE | 42.07                 | 92              | 307,487.337800  | 2,637,570.929600 |
| 92 - 93 | 22°52'25"SE | 36.76                 | 93              | 307,501.625300  | 2,637,537.062900 |
| 93 - 94 | 24°57'46"SE | 33.85                 | 94              | 307,515.912900  | 2,637,506.371200 |
| 94 - 95 | 26°19'53"SE | 29.23                 | 95              | 307,528.876400  | 2,637,480.177900 |
| 95 - 96 | 20°07'28"SE | 329.79                | 96              | 307,642.343339  | 2,637,170.524980 |
| 96 - 97 | 56°55'56"SW | 22.18                 | 97              | 307,623.754921  | 2,637,158.422300 |

A partir de este vértice 97 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 8,961.02 metros hasta llegar al vértice 98.

|           |             |       |     |                |                  |
|-----------|-------------|-------|-----|----------------|------------------|
|           |             |       | 98  | 301,673.808300 | 2,643,859.023000 |
| 98 - 99   | 44°48'53"NE | 39.15 | 99  | 301,701.401238 | 2,643,886.794860 |
| 99 - 100  | 43°54'51"SE | 1.17  | 100 | 301,702.211300 | 2,643,885.953500 |
| 100 - 101 | 33°27'32"NE | 5.93  | 101 | 301,705.480897 | 2,643,890.900990 |
| 101 - 1   | 44°48'53"NE | 8.63  | 1   |                |                  |

### Zona Núcleo

#### “Boca del Río Sur”

(Superficie 3-81-92.65 hectáreas)

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|-----------------|-----------------|------------------|
|        |             |                       |                 | X               | Y                |
|        |             |                       | 1               | 307,658.611600  | 2,637,113.669900 |
| 1 - 2  | 24°56'31"SE | 1.64                  | 2               | 307,659.304100  | 2,637,112.180900 |
| 2 - 3  | 31°11'08"SE | 46.11                 | 3               | 307,683.178800  | 2,637,072.736700 |
| 3 - 4  | 23°39'40"SE | 179.40                | 4               | 307,755.175700  | 2,636,908.420300 |
| 4 - 5  | 05°57'44"SE | 400.62                | 5               | 307,796.790900  | 2,636,509.968100 |
| 5 - 6  | 01°54'33"SW | 30.45                 | 6               | 307,795.776400  | 2,636,479.534400 |
| 6 - 7  | 19°20'57"SE | 18.01                 | 7               | 307,801.744500  | 2,636,462.539200 |
| 7 - 8  | 16°49'28"SE | 541.75                | 8               | 307,958.550700  | 2,635,943.979900 |
| 8 - 9  | 89°56'51"SW | 47.92                 | 9               | 307,910.630000  | 2,635,943.936000 |

A partir de este vértice 9 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 1,226.65 metros hasta llegar al vértice 10.

|         |             |       |    |                |                  |
|---------|-------------|-------|----|----------------|------------------|
|         |             |       | 10 | 307,604.106200 | 2,637,111.111400 |
| 10 - 11 | 78°37'32"SE | 39.35 | 11 | 307,642.679900 | 2,637,103.351600 |
| 11 - 1  | 57°04'13"NE | 18.98 | 1  |                |                  |



**Zona Núcleo**  
**“Polígono Sur A”**  
**(Superficie 8-22-78.09 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 307,996.891700  | 2,635,000.373500 |
| 1 - 2   | 06°50'58"SE | 6.39                  | 2            | 307,997.653900  | 2,634,994.028300 |
| 2 - 3   | 53°44'45"SW | 7.87                  | 3            | 307,991.303900  | 2,634,989.371600 |
| 3 - 4   | 10°32'20"SE | 9.26                  | 4            | 307,992.997200  | 2,634,980.270000 |
| 4 - 5   | 15°38'32"SE | 7.81                  | 5            | 307,995.103200  | 2,634,972.748600 |
| 5 - 6   | 01°34'41"SW | 7.30                  | 6            | 307,994.902200  | 2,634,965.453300 |
| 6 - 7   | 01°47'24"SE | 6.78                  | 7            | 307,995.113900  | 2,634,958.679900 |
| 7 - 8   | 18°42'42"SE | 13.86                 | 8            | 307,999.558900  | 2,634,945.556600 |
| 8 - 9   | 23°31'04"SE | 24.93                 | 9            | 308,009.507300  | 2,634,922.696500 |
| 9 - 10  | 05°30'41"SE | 24.24                 | 10           | 308,011.835600  | 2,634,898.566500 |
| 10 - 11 | 09°57'02"SW | 12.25                 | 11           | 308,009.718900  | 2,634,886.501400 |
| 11 - 12 | 00°41'55"SE | 17.36                 | 12           | 308,009.930600  | 2,634,869.144700 |
| 12 - 13 | 02°33'49"SE | 28.39                 | 13           | 308,011.200600  | 2,634,840.781300 |
| 13 - 14 | 09°27'45"SE | 14.16                 | 14           | 308,013.529000  | 2,634,826.811300 |
| 14 - 15 | 09°20'41"SW | 16.95                 | 15           | 308,010.777300  | 2,634,810.089600 |
| 15 - 16 | 04°48'35"SW | 65.64                 | 16           | 308,005.273900  | 2,634,744.684500 |
| 16 - 17 | 01°52'46"SW | 15.33                 | 17           | 308,004.771200  | 2,634,729.365100 |
| 17 - 18 | 11°01'10"SE | 25.61                 | 18           | 308,009.666000  | 2,634,704.229600 |
| 18 - 19 | 18°11'39"SE | 19.91                 | 19           | 308,015.883700  | 2,634,685.311900 |
| 19 - 20 | 27°39'27"SE | 27.93                 | 20           | 308,028.848400  | 2,634,660.573300 |
| 20 - 21 | 70°13'07"SE | 16.03                 | 21           | 308,043.929600  | 2,634,655.149300 |
| 21 - 22 | 20°19'24"SE | 11.43                 | 22           | 308,047.898400  | 2,634,644.433700 |
| 22 - 23 | 03°21'59"SE | 22.53                 | 23           | 308,049.221300  | 2,634,621.944000 |
| 23 - 24 | 26°43'00"SE | 22.36                 | 24           | 308,059.275500  | 2,634,601.968000 |
| 24 - 25 | 21°01'14"SE | 32.45                 | 25           | 308,070.917200  | 2,634,571.673100 |
| 25 - 26 | 24°41'49"SE | 68.23                 | 26           | 308,099.425100  | 2,634,509.684100 |
| 26 - 27 | 32°54'41"SE | 47.85                 | 27           | 308,125.421500  | 2,634,469.517300 |
| 27 - 28 | 24°04'43"SE | 62.31                 | 28           | 308,150.843500  | 2,634,412.628900 |
| 28 - 29 | 28°25'11"SE | 68.89                 | 29           | 308,183.629900  | 2,634,352.042000 |
| 29 - 30 | 19°23'44"SE | 6.78                  | 30           | 308,185.881600  | 2,634,345.646400 |
| 30 - 31 | 82°04'24"SE | 7.34                  | 31           | 308,193.154900  | 2,634,344.633700 |
| 31 - 32 | 04°11'42"SE | 21.70                 | 32           | 308,194.742400  | 2,634,322.990700 |
| 32 - 33 | 20°50'06"SE | 41.95                 | 33           | 308,209.665000  | 2,634,283.779400 |
| 33 - 34 | 16°56'47"SE | 59.91                 | 34           | 308,227.127500  | 2,634,226.470500 |
| 34 - 35 | 25°41'17"SE | 13.92                 | 35           | 308,233.160000  | 2,634,213.929300 |
| 35 - 36 | 65°44'45"SE | 15.84                 | 36           | 308,247.606300  | 2,634,207.420500 |
| 36 - 37 | 18°00'13"SE | 6.68                  | 37           | 308,249.670000  | 2,634,201.070500 |
| 37 - 38 | 90°00'00"NW | 11.43                 | 38           | 308,238.240000  | 2,634,201.070500 |
| 38 - 39 | 05°39'44"SW | 13.63                 | 39           | 308,236.894700  | 2,634,187.502100 |
| 39 - 40 | 12°00'02"SE | 87.40                 | 40           | 308,255.067600  | 2,634,102.010300 |
| 40 - 41 | 11°10'45"SE | 26.61                 | 41           | 308,260.225900  | 2,634,075.909600 |
| 41 - 42 | 29°54'55"SE | 21.17                 | 42           | 308,270.783800  | 2,634,057.560200 |
| 42 - 43 | 20°23'02"SE | 64.95                 | 43           | 308,293.405800  | 2,633,996.679500 |
| 43 - 44 | 07°20'33"SE | 85.50                 | 44           | 308,304.333100  | 2,633,911.880300 |
| 44 - 45 | 17°08'43"SE | 20.82                 | 45           | 308,310.471400  | 2,633,891.983600 |
| 45 - 46 | 01°00'50"SE | 47.84                 | 46           | 308,311.318100  | 2,633,844.146900 |
| 46 - 47 | 03°31'16"SW | 27.57                 | 47           | 308,309.624800  | 2,633,816.630100 |
| 47 - 48 | 09°17'36"SW | 23.59                 | 48           | 308,305.814700  | 2,633,793.346800 |
| 48 - 49 | 20°39'31"SW | 27.60                 | 49           | 308,296.078100  | 2,633,767.523400 |
| 49 - 50 | 16°59'27"SW | 31.87                 | 50           | 308,286.764700  | 2,633,737.043300 |
| 50 - 51 | 20°23'20"SW | 25.52                 | 51           | 308,277.874700  | 2,633,713.124900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 51 - 52   | 64°47'57"SW | 7.95                  | 52           | 308,270.678000  | 2,633,709.738300 |
| 52 - 53   | 26°33'53"SW | 17.04                 | 53           | 308,263.058000  | 2,633,694.498200 |
| 53 - 54   | 40°07'14"SW | 24.64                 | 54           | 308,247.183000  | 2,633,675.659900 |
| 54 - 55   | 51°34'54"SW | 15.67                 | 55           | 308,234.906300  | 2,633,665.923200 |
| 55 - 56   | 33°10'42"SW | 13.15                 | 56           | 308,227.709600  | 2,633,654.916500 |
| 56 - 57   | 57°22'50"SW | 12.57                 | 57           | 308,217.126200  | 2,633,648.143100 |
| 57 - 58   | 33°41'22"SW | 6.11                  | 58           | 308,213.739600  | 2,633,643.063100 |
| 58 - 59   | 49°41'10"SW | 9.16                  | 59           | 308,206.754500  | 2,633,637.136400 |
| 59 - 60   | 41°35'20"SW | 22.64                 | 60           | 308,191.726200  | 2,633,620.203100 |
| 60 - 61   | 42°22'25"SW | 16.33                 | 61           | 308,180.719500  | 2,633,608.138100 |
| 61 - 62   | 17°15'56"SE | 16.40                 | 62           | 308,185.587800  | 2,633,592.474700 |
| 62 - 63   | 50°00'44"SW | 8.56                  | 63           | 308,179.026200  | 2,633,586.971300 |
| 63 - 64   | 65°25'57"NW | 16.29                 | 64           | 308,164.209500  | 2,633,593.744700 |
| 64 - 65   | 53°24'32"SW | 17.40                 | 65           | 308,150.239400  | 2,633,583.373000 |
| 65 - 66   | 43°52'36"SW | 22.90                 | 66           | 308,134.364400  | 2,633,566.863000 |
| 66 - 67   | 15°41'02"SW | 44.63                 | 67           | 308,122.299400  | 2,633,523.894500 |
| 67 - 68   | 06°44'24"SW | 23.45                 | 68           | 308,119.547700  | 2,633,500.611200 |
| 68 - 69   | 01°19'55"SW | 27.31                 | 69           | 308,118.912700  | 2,633,473.306100 |
| 69 - 70   | 07°31'44"SE | 29.00                 | 70           | 308,122.713000  | 2,633,444.552500 |
| 70 - 71   | 35°40'53"SW | 3.88                  | 71           | 308,120.447300  | 2,633,441.397300 |
| 71 - 72   | 03°11'57"SE | 8.53                  | 72           | 308,120.923500  | 2,633,432.877700 |
| 72 - 73   | 19°37'58"SE | 19.21                 | 73           | 308,127.379400  | 2,633,414.780200 |
| 73 - 74   | 52°10'00"SE | 6.30                  | 74           | 308,132.353600  | 2,633,410.917200 |
| 74 - 75   | 78°22'00"SE | 5.51                  | 75           | 308,137.751100  | 2,633,409.806000 |
| 75 - 76   | 19°37'41"SE | 24.10                 | 76           | 308,145.847300  | 2,633,387.104700 |
| 76 - 77   | 31°30'03"SE | 24.95                 | 77           | 308,158.885900  | 2,633,365.828500 |
| 77 - 78   | 49°41'53"SE | 17.67                 | 78           | 308,172.358600  | 2,633,354.402100 |
| 78 - 79   | 31°47'25"SE | 48.14                 | 79           | 308,197.720900  | 2,633,313.481500 |
| 79 - 80   | 68°16'45"SE | 6.53                  | 80           | 308,203.791200  | 2,633,311.063300 |
| 80 - 81   | 27°54'59"SE | 28.70                 | 81           | 308,217.226200  | 2,633,285.706700 |
| 81 - 82   | 42°41'13"SE | 10.86                 | 82           | 308,224.587500  | 2,633,277.725700 |
| 82 - 83   | 27°59'31"SE | 99.78                 | 83           | 308,271.418800  | 2,633,189.619300 |
| 83 - 84   | 16°11'33"SE | 28.34                 | 84           | 308,279.320900  | 2,633,162.407200 |
| 84 - 85   | 23°02'19"SE | 31.33                 | 85           | 308,291.580100  | 2,633,133.580400 |
| 85 - 86   | 88°46'50"NE | 7.46                  | 86           | 308,299.041400  | 2,633,133.739200 |
| 86 - 87   | 05°38'15"SE | 37.17                 | 87           | 308,302.692700  | 2,633,096.750400 |
| 87 - 88   | 16°53'54"SE | 26.21                 | 88           | 308,310.312700  | 2,633,071.667800 |
| 88 - 89   | 00°59'15"SE | 46.04                 | 89           | 308,311.106400  | 2,633,025.630200 |
| 89 - 90   | 65°08'12"SE | 7.17                  | 90           | 308,317.615200  | 2,633,022.614000 |
| 90 - 91   | 33°33'02"SW | 18.10                 | 91           | 308,307.613900  | 2,633,007.532700 |
| 91 - 92   | 02°19'01"SW | 27.49                 | 92           | 308,306.502700  | 2,632,980.068900 |
| 92 - 93   | 17°59'27"SW | 32.38                 | 93           | 308,296.501400  | 2,632,949.271300 |
| 93 - 94   | 70°34'40"SE | 10.19                 | 94           | 308,306.108000  | 2,632,945.884100 |
| 94 - 95   | 20°30'47"SW | 5.35                  | 95           | 308,304.232500  | 2,632,940.871400 |
| 95 - 96   | 86°28'47"SW | 13.15                 | 96           | 308,291.103900  | 2,632,940.063800 |
| 96 - 97   | 15°12'28"SW | 16.94                 | 97           | 308,286.658900  | 2,632,923.712500 |
| 97 - 98   | 20°38'14"SE | 13.06                 | 98           | 308,291.262600  | 2,632,911.488700 |
| 98 - 99   | 36°59'01"SW | 7.11                  | 99           | 308,286.983900  | 2,632,905.807300 |
| 99 - 100  | 55°38'54"NW | 8.66                  | 100          | 308,279.832600  | 2,632,910.695000 |
| 100 - 101 | 57°21'26"NW | 30.77                 | 101          | 308,253.923700  | 2,632,927.291700 |

A partir de este vértice 101 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 2,222.82 metros hasta llegar al vértice 102.

|         |             |      |     |                |                  |
|---------|-------------|------|-----|----------------|------------------|
|         |             |      | 102 | 307,987.484100 | 2,635,002.452100 |
| 102 - 1 | 77°32'26"SE | 9.63 | 1   |                |                  |

**Zona Núcleo**  
**“Polígono Sur B”**  
**(Superficie 13-45-82.86 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 1 - 2   | 49°56'58"SE | 6.87                  | 1            | 308,304.960900  | 2,632,856.788700 |
| 2 - 3   | 43°44'44"SE | 51.27                 | 2            | 308,310.217400  | 2,632,852.370100 |
| 3 - 4   | 43°32'42"SE | 47.16                 | 3            | 308,345.671700  | 2,632,815.328400 |
| 4 - 5   | 58°05'01"NE | 5.33                  | 4            | 308,378.162600  | 2,632,781.144100 |
| 5 - 6   | 41°41'35"SE | 61.92                 | 5            | 308,382.686900  | 2,632,783.962000 |
| 6 - 7   | 74°55'50"NE | 3.56                  | 6            | 308,423.873800  | 2,632,737.723700 |
| 7 - 8   | 42°54'47"SE | 46.24                 | 7            | 308,427.313400  | 2,632,738.649800 |
| 8 - 9   | 45°38'48"SE | 41.44                 | 8            | 308,458.798900  | 2,632,704.783000 |
| 9 - 10  | 45°38'48"SE | 41.44                 | 9            | 308,488.432300  | 2,632,675.811100 |
| 10 - 11 | 46°40'51"SE | 41.46                 | 10           | 308,518.594900  | 2,632,647.368300 |
| 11 - 12 | 56°55'14"SE | 17.21                 | 11           | 308,533.014700  | 2,632,637.975600 |
| 12 - 13 | 37°19'15"SE | 16.80                 | 12           | 308,543.201200  | 2,632,624.614100 |
| 13 - 14 | 65°57'57"SE | 10.72                 | 13           | 308,552.990800  | 2,632,620.248500 |
| 14 - 15 | 43°53'27"SE | 14.50                 | 14           | 308,563.044900  | 2,632,609.797400 |
| 15 - 16 | 16°48'30"SE | 11.46                 | 15           | 308,566.359900  | 2,632,598.823400 |
| 16 - 17 | 34°33'07"SE | 13.98                 | 16           | 308,574.289800  | 2,632,587.307800 |
| 17 - 18 | 68°23'06"SE | 7.54                  | 17           | 308,581.301200  | 2,632,584.529700 |
| 18 - 19 | 47°17'26"SE | 84.26                 | 18           | 308,643.213900  | 2,632,527.379600 |
| 19 - 20 | 20°44'16"SE | 7.06                  | 19           | 308,645.714000  | 2,632,520.776500 |
| 20 - 21 | 46°12'25"SE | 17.90                 | 20           | 308,658.638600  | 2,632,508.385300 |
| 21 - 22 | 69°17'26"SE | 24.10                 | 21           | 308,681.181600  | 2,632,499.862800 |
| 22 - 23 | 30°34'45"SE | 30.43                 | 22           | 308,696.659800  | 2,632,473.669000 |
| 23 - 24 | 57°36'11"SE | 22.36                 | 23           | 308,715.539900  | 2,632,461.688800 |
| 24 - 25 | 39°09'34"SE | 36.30                 | 24           | 308,738.464000  | 2,632,433.540500 |
| 25 - 26 | 46°14'49"SE | 48.72                 | 25           | 308,773.653700  | 2,632,399.850100 |
| 26 - 27 | 44°49'44"SE | 66.80                 | 26           | 308,820.749000  | 2,632,352.472700 |
| 27 - 28 | 47°17'26"SE | 96.82                 | 27           | 308,891.895300  | 2,632,286.799100 |
| 28 - 29 | 88°43'22"SE | 28.34                 | 28           | 308,920.233200  | 2,632,286.167300 |
| 29 - 30 | 20°33'21"SE | 58.78                 | 29           | 308,940.870700  | 2,632,231.133800 |
| 30 - 31 | 50°54'17"SE | 24.41                 | 30           | 308,959.816400  | 2,632,215.739700 |
| 31 - 32 | 45°31'58"SE | 40.24                 | 31           | 308,988.530300  | 2,632,187.555100 |
| 32 - 33 | 44°39'27"SE | 127.19                | 32           | 309,077.927400  | 2,632,097.083500 |
| 33 - 34 | 43°28'51"SE | 78.02                 | 33           | 309,131.614200  | 2,632,040.471800 |
| 34 - 35 | 43°47'53"SE | 87.13                 | 34           | 309,191.917200  | 2,631,977.584700 |
| 35 - 36 | 41°21'49"SE | 29.50                 | 35           | 309,211.414200  | 2,631,955.441500 |
| 36 - 37 | 36°45'57"SE | 33.36                 | 36           | 309,231.383800  | 2,631,928.714500 |
| 37 - 38 | 87°23'50"SE | 17.48                 | 37           | 309,248.846300  | 2,631,927.920700 |
| 38 - 39 | 32°13'32"SE | 36.47                 | 38           | 309,268.292800  | 2,631,897.070800 |
| 39 - 40 | 44°24'36"SE | 31.26                 | 39           | 309,290.164900  | 2,631,874.743700 |
| 40 - 41 | 41°32'24"SE | 72.36                 | 40           | 309,338.149100  | 2,631,820.583900 |
| 41 - 42 | 40°05'24"SE | 34.71                 | 41           | 309,360.502700  | 2,631,794.028900 |
| 42 - 43 | 41°22'02"SE | 91.29                 | 42           | 309,420.832200  | 2,631,725.519600 |
| 43 - 44 | 41°08'10"SE | 90.08                 | 43           | 309,480.092000  | 2,631,657.675400 |
| 44 - 45 | 33°34'50"SE | 128.27                | 44           | 309,551.038500  | 2,631,550.814100 |
| 45 - 46 | 35°20'03"SE | 113.39                | 45           | 309,616.617300  | 2,631,458.311500 |
| 46 - 47 | 41°48'01"SE | 68.14                 | 46           | 309,662.035300  | 2,631,407.515000 |
| 47 - 48 | 73°45'51"SE | 15.25                 | 47           | 309,676.678400  | 2,631,403.250900 |
| 48 - 49 | 15°49'09"SE | 33.00                 | 48           | 309,685.674300  | 2,631,371.500900 |
| 49 - 50 | 35°12'44"SE | 129.72                | 49           | 309,760.473000  | 2,631,265.515600 |
| 50 - 51 | 87°53'53"SE | 30.37                 | 50           | 309,790.817600  | 2,631,264.402000 |
| 51 - 52 | 43°15'18"SE | 9.89                  | 51           | 309,797.593200  | 2,631,257.200600 |
| 52 - 53 | 30°02'00"SW | 19.56                 | 52           | 309,787.803600  | 2,631,240.267300 |
| 53 - 54 | 14°03'37"SE | 14.16                 | 53           | 309,791.242600  | 2,631,226.536000 |
| 54 - 55 | 37°04'31"SE | 69.34                 | 54           | 309,833.047500  | 2,631,171.210900 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 54 - 55 | 39°21'16"SE | 81.78                 | 55           | 309,884.905900  | 2,631,107.975300 |
| 55 - 56 | 54°24'20"SE | 15.46                 | 56           | 309,897.473700  | 2,631,098.979500 |
| 56 - 57 | 36°24'11"SE | 50.96                 | 57           | 309,927.713800  | 2,631,057.967800 |
| 57 - 58 | 53°10'15"SE | 20.20                 | 58           | 309,943.881700  | 2,631,045.859900 |
| 58 - 59 | 33°49'15"SE | 42.01                 | 59           | 309,967.265000  | 2,631,010.958100 |
| 59 - 60 | 46°28'25"SE | 34.80                 | 60           | 309,992.498900  | 2,630,986.990000 |
| 60 - 61 | 25°41'34"SE | 21.29                 | 61           | 310,001.728900  | 2,630,967.805500 |
| 61 - 62 | 70°31'38"SE | 10.91                 | 62           | 310,012.012000  | 2,630,964.169600 |
| 62 - 63 | 05°48'58"SW | 16.45                 | 63           | 310,010.345100  | 2,630,947.805100 |
| 63 - 64 | 49°25'05"SE | 8.50                  | 64           | 310,016.801000  | 2,630,942.275300 |
| 64 - 65 | 53°41'43"SE | 16.09                 | 65           | 310,029.765600  | 2,630,932.750300 |
| 65 - 66 | 24°13'38"SE | 17.41                 | 66           | 310,036.909300  | 2,630,916.875200 |
| 66 - 67 | 26°33'54"SE | 15.38                 | 67           | 310,043.788500  | 2,630,903.116900 |
| 67 - 68 | 31°27'11"SE | 23.25                 | 68           | 310,055.922600  | 2,630,883.279400 |
| 68 - 69 | 34°27'17"SE | 14.60                 | 69           | 310,064.180100  | 2,630,871.244300 |
| 69 - 70 | 19°54'46"SE | 17.04                 | 70           | 310,069.982300  | 2,630,855.227200 |
| 70 - 71 | 58°13'48"SE | 12.55                 | 71           | 310,080.651500  | 2,630,848.619800 |
| 71 - 72 | 38°17'30"SE | 42.52                 | 72           | 310,107.002200  | 2,630,815.244100 |
| 72 - 73 | 45°59'31"SE | 55.20                 | 73           | 310,146.704300  | 2,630,776.893500 |
| 73 - 74 | 67°12'17"SE | 27.27                 | 74           | 310,171.847100  | 2,630,766.327000 |
| 74 - 75 | 01°12'11"SE | 33.92                 | 75           | 310,172.559300  | 2,630,732.414200 |
| 75 - 76 | 29°33'51"SE | 22.37                 | 76           | 310,183.594600  | 2,630,712.960400 |
| 76 - 77 | 19°41'31"SE | 26.70                 | 77           | 310,192.590500  | 2,630,687.825000 |
| 77 - 78 | 12°23'43"SE | 6.71                  | 78           | 310,194.030500  | 2,630,681.273000 |
| 78 - 79 | 75°29'45"SW | 34.96                 | 79           | 310,160.187300  | 2,630,672.518000 |

A partir de este vértice 79 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 2,875.60 metros hasta llegar al vértice 80.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 80 | 308,271.565500 | 2,632,827.231800 |
| 80 - 1 | 48°29'21"NE | 44.60 | 1  |                |                  |

### Zona Núcleo

#### “Polígono Sur C”

(Superficie 16-71-74.44 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 310,350.475800  | 2,630,456.081500 |
| 1 - 2   | 45°17'56"SE | 5.31                  | 2               | 310,354.251200  | 2,630,452.345300 |
| 2 - 3   | 46°57'29"SE | 43.80                 | 3               | 310,386.265900  | 2,630,422.447400 |
| 3 - 4   | 38°44'45"SE | 27.48                 | 4               | 310,403.463800  | 2,630,401.016100 |
| 4 - 5   | 36°51'57"SE | 25.68                 | 5               | 310,418.871900  | 2,630,380.469100 |
| 5 - 6   | 43°11'40"SE | 50.93                 | 6               | 310,453.734800  | 2,630,343.336800 |
| 6 - 7   | 38°18'12"SE | 93.06                 | 7               | 310,511.414000  | 2,630,270.311600 |
| 7 - 8   | 89°26'06"SE | 30.82                 | 8               | 310,542.235800  | 2,630,270.007700 |
| 8 - 9   | 54°32'25"SE | 13.16                 | 9               | 310,552.953700  | 2,630,262.374100 |
| 9 - 10  | 14°44'36"SW | 36.39                 | 10              | 310,543.693300  | 2,630,227.184500 |
| 10 - 11 | 08°58'21"SE | 20.36                 | 11              | 310,546.868300  | 2,630,207.076100 |
| 11 - 12 | 27°53'49"SE | 15.27                 | 12              | 310,554.012000  | 2,630,193.582300 |
| 12 - 13 | 65°09'27"SE | 15.74                 | 13              | 310,568.299600  | 2,630,186.967700 |
| 13 - 14 | 27°51'49"SE | 46.99                 | 14              | 310,590.260000  | 2,630,145.428100 |
| 14 - 15 | 24°15'40"SE | 41.21                 | 15              | 310,607.193400  | 2,630,107.857200 |
| 15 - 16 | 30°49'39"SE | 19.10                 | 16              | 310,616.983000  | 2,630,091.453000 |
| 16 - 17 | 15°14'00"SE | 41.36                 | 17              | 310,627.851500  | 2,630,051.542100 |
| 17 - 18 | 07°21'27"SE | 8.44                  | 18              | 310,628.932200  | 2,630,043.172700 |
| 18 - 19 | 38°50'22"SE | 5.00                  | 19              | 310,632.067900  | 2,630,039.278200 |
| 19 - 20 | 44°09'43"SE | 17.04                 | 20              | 310,643.937000  | 2,630,027.056800 |
| 20 - 21 | 11°38'56"SE | 9.82                  | 21              | 310,645.919500  | 2,630,017.440700 |
| 21 - 22 | 17°27'06"SE | 16.91                 | 22              | 310,650.989600  | 2,630,001.313200 |
| 22 - 23 | 58°52'09"SE | 18.07                 | 23              | 310,666.460200  | 2,629,991.969400 |
| 23 - 24 | 17°46'13"SE | 11.78                 | 24              | 310,670.056900  | 2,629,980.747000 |
| 24 - 25 | 42°40'13"SE | 16.10                 | 25              | 310,680.968600  | 2,629,968.909900 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 25 - 26 | 86°08'19"SE | 11.18                 | 26              | 310,692.124800  | 2,629,968.156900 |
| 26 - 27 | 19°24'10"SE | 22.27                 | 27              | 310,699.521800  | 2,629,947.155500 |
| 27 - 28 | 46°14'01"SE | 36.65                 | 28              | 310,725.991600  | 2,629,921.801800 |
| 28 - 29 | 54°40'59"SE | 19.13                 | 29              | 310,741.602000  | 2,629,910.742200 |
| 29 - 30 | 31°40'33"SE | 22.06                 | 30              | 310,753.185300  | 2,629,891.969600 |
| 30 - 31 | 64°57'43"SE | 12.53                 | 31              | 310,764.541400  | 2,629,886.665000 |
| 31 - 32 | 32°37'51"SE | 43.67                 | 32              | 310,788.089400  | 2,629,849.887900 |
| 32 - 33 | 36°27'54"SE | 40.15                 | 33              | 310,811.951400  | 2,629,817.599200 |
| 33 - 34 | 28°46'21"SE | 23.53                 | 34              | 310,823.279000  | 2,629,796.971100 |
| 34 - 35 | 55°50'25"SE | 8.95                  | 35              | 310,830.687400  | 2,629,791.944000 |
| 35 - 36 | 39°43'58"SE | 36.67                 | 36              | 310,854.128100  | 2,629,763.742500 |
| 36 - 37 | 38°41'14"SE | 19.45                 | 37              | 310,866.287700  | 2,629,748.557900 |
| 37 - 38 | 43°53'58"SE | 43.69                 | 38              | 310,896.583700  | 2,629,717.075100 |
| 38 - 39 | 43°35'57"SE | 36.11                 | 39              | 310,921.486000  | 2,629,690.924500 |
| 39 - 40 | 10°08'56"SE | 6.81                  | 40              | 310,922.685300  | 2,629,684.224900 |
| 40 - 41 | 42°22'29"SE | 35.05                 | 41              | 310,946.310500  | 2,629,658.329200 |
| 41 - 42 | 53°57'12"SE | 23.91                 | 42              | 310,965.638700  | 2,629,644.262500 |
| 42 - 43 | 39°26'48"SE | 33.03                 | 43              | 310,986.627100  | 2,629,618.753400 |
| 43 - 44 | 62°49'27"SE | 13.57                 | 44              | 310,998.698100  | 2,629,612.556200 |
| 44 - 45 | 43°00'55"SE | 39.06                 | 45              | 311,025.343000  | 2,629,583.998500 |
| 45 - 46 | 46°43'26"SE | 69.96                 | 46              | 311,076.275400  | 2,629,536.042600 |
| 46 - 47 | 45°00'00"SE | 46.77                 | 47              | 311,109.348400  | 2,629,502.969700 |
| 47 - 48 | 41°51'03"SE | 72.37                 | 48              | 311,157.634900  | 2,629,449.060700 |
| 48 - 49 | 81°52'11"SE | 30.40                 | 49              | 311,187.731400  | 2,629,444.761200 |
| 49 - 50 | 11°25'08"SE | 24.78                 | 50              | 311,192.638100  | 2,629,420.468300 |
| 50 - 51 | 42°55'24"SE | 49.05                 | 51              | 311,226.041800  | 2,629,384.551000 |
| 51 - 52 | 43°38'27"SE | 51.28                 | 52              | 311,261.429900  | 2,629,347.443100 |
| 52 - 53 | 41°56'06"SE | 69.19                 | 53              | 311,307.670600  | 2,629,295.970700 |
| 53 - 54 | 81°26'59"SE | 42.01                 | 54              | 311,349.216600  | 2,629,289.724500 |
| 54 - 55 | 41°48'23"SE | 11.39                 | 55              | 311,356.812400  | 2,629,281.231000 |
| 55 - 56 | 67°59'19"SW | 20.12                 | 56              | 311,338.159200  | 2,629,273.690400 |
| 56 - 57 | 26°17'42"SE | 20.48                 | 57              | 311,347.232200  | 2,629,255.328600 |
| 57 - 58 | 41°22'55"SE | 120.44                | 58              | 311,426.849000  | 2,629,164.963800 |
| 58 - 59 | 45°00'00"SE | 76.71                 | 59              | 311,481.088700  | 2,629,110.724100 |
| 59 - 60 | 40°42'28"SE | 115.62                | 60              | 311,556.495100  | 2,629,023.080700 |
| 60 - 61 | 40°59'39"SE | 83.69                 | 61              | 311,611.396300  | 2,628,959.911300 |
| 61 - 62 | 37°52'29"SE | 64.11                 | 62              | 311,650.753100  | 2,628,909.309600 |
| 62 - 63 | 41°43'20"SE | 106.35                | 63              | 311,721.529300  | 2,628,829.934500 |
| 63 - 64 | 37°15'34"SE | 48.62                 | 64              | 311,750.964300  | 2,628,791.239100 |
| 64 - 65 | 33°47'13"SE | 54.12                 | 65              | 311,781.060700  | 2,628,746.259800 |
| 65 - 66 | 45°56'21"SE | 57.07                 | 66              | 311,822.071200  | 2,628,706.572200 |
| 66 - 67 | 85°27'22"NE | 50.10                 | 67              | 311,872.011400  | 2,628,710.541000 |
| 67 - 68 | 40°52'41"SE | 13.66                 | 68              | 311,880.954200  | 2,628,700.209200 |
| 68 - 69 | 17°14'04"SW | 50.73                 | 69              | 311,865.922900  | 2,628,651.754300 |
| 69 - 70 | 24°01'30"SE | 45.42                 | 70              | 311,884.416600  | 2,628,610.265800 |
| 70 - 71 | 33°12'23"SE | 23.24                 | 71              | 311,897.146800  | 2,628,590.816800 |
| 71 - 72 | 35°57'38"SE | 62.52                 | 72              | 311,933.857900  | 2,628,540.215100 |
| 72 - 73 | 32°59'01"SE | 59.54                 | 73              | 311,966.269400  | 2,628,490.274900 |
| 73 - 74 | 35°05'02"SE | 57.04                 | 74              | 311,999.053100  | 2,628,443.600900 |
| 74 - 75 | 31°22'40"SE | 154.91                | 75              | 312,079.709700  | 2,628,311.350100 |
| 75 - 76 | 30°10'10"SE | 94.11                 | 76              | 312,127.004100  | 2,628,229.990600 |
| 76 - 77 | 27°24'55"SE | 79.73                 | 77              | 312,163.715100  | 2,628,159.214400 |
| 77 - 78 | 22°51'06"SE | 50.25                 | 78              | 312,183.228100  | 2,628,112.912200 |
| 78 - 79 | 22°24'45"SE | 63.32                 | 79              | 312,207.371400  | 2,628,054.373000 |
| 79 - 80 | 21°54'53"SE | 31.01                 | 80              | 312,218.947000  | 2,628,025.599500 |
| 80 - 81 | 14°05'12"SE | 91.04                 | 81              | 312,241.105900  | 2,627,937.294700 |
| 81 - 82 | 13°10'20"SE | 47.89                 | 82              | 312,252.019900  | 2,627,890.661800 |
| 82 - 83 | 03°21'59"SE | 73.22                 | 83              | 312,256.319400  | 2,627,817.570500 |
| 83 - 84 | 19°12'04"SW | 33.27                 | 84              | 312,245.376700  | 2,627,786.149400 |
| 84 - 85 | 26°19'04"SW | 34.99                 | 85              | 312,229.866000  | 2,627,754.790400 |
| 85 - 86 | 68°11'58"NW | 2.85                  | 86              | 312,227.220100  | 2,627,755.848700 |
| 86 - 87 | 27°21'47"SW | 13.58                 | 87              | 312,220.978100  | 2,627,743.787700 |
| 87 - 88 | 62°41'58"NW | 36.39                 | 88              | 312,188.641100  | 2,627,760.478400 |

A partir de este vértice 88 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 3,333.84 metros hasta llegar al vértice 89.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
| 89 - 1 | 54°03'48"NE | 43.60 | 89 | 310,315.173800 | 2,630,430.492800 |
|        |             |       | 1  |                |                  |

**Zona Núcleo**  
**“Polígono Sur D”**  
**(Superficie 1-33-02.36 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 312,114.855300  | 2,627,305.463000 |
| 1 - 2   | 02°17'24"SE | 7.36                  | 2               | 312,115.149400  | 2,627,298.108800 |
| 2 - 3   | 13°15'05"SE | 29.42                 | 3               | 312,121.894300  | 2,627,269.467700 |
| 3 - 4   | 00°10'57"SE | 18.94                 | 4               | 312,121.954700  | 2,627,250.525600 |
| 4 - 5   | 19°48'53"SE | 35.13                 | 5               | 312,133.863900  | 2,627,217.473200 |
| 5 - 6   | 10°18'22"SE | 22.34                 | 6               | 312,137.861500  | 2,627,195.489400 |
| 6 - 7   | 09°01'53"SE | 19.22                 | 7               | 312,140.878400  | 2,627,176.509000 |
| 7 - 8   | 06°20'23"SE | 18.19                 | 8               | 312,142.887300  | 2,627,158.427800 |
| 8 - 9   | 02°04'37"SE | 26.95                 | 9               | 312,143.863900  | 2,627,131.498600 |
| 9 - 10  | 01°33'13"SW | 36.00                 | 10              | 312,142.887800  | 2,627,095.511700 |
| 10 - 11 | 09°54'37"SW | 17.28                 | 11              | 312,139.914200  | 2,627,078.492000 |
| 11 - 12 | 07°12'30"SE | 16.22                 | 12              | 312,141.949000  | 2,627,062.404300 |
| 12 - 13 | 17°23'15"SW | 13.53                 | 13              | 312,137.907100  | 2,627,049.496800 |
| 13 - 14 | 12°57'52"SE | 13.34                 | 14              | 312,140.899600  | 2,627,036.498200 |
| 14 - 15 | 25°38'02"SW | 30.04                 | 15              | 312,127.905000  | 2,627,009.417700 |
| 15 - 16 | 40°58'26"SW | 30.47                 | 16              | 312,107.927700  | 2,626,986.415300 |
| 16 - 17 | 37°02'54"SW | 14.98                 | 17              | 312,098.901800  | 2,626,974.458600 |
| 17 - 18 | 49°41'36"SW | 17.03                 | 18              | 312,085.911400  | 2,626,963.439400 |
| 18 - 19 | 65°08'52"SW | 11.96                 | 19              | 312,075.056600  | 2,626,958.411800 |
| 19 - 20 | 37°59'55"NW | 34.42                 | 20              | 312,053.866200  | 2,626,985.535400 |

A partir de este vértice 20 se continúa por la línea de costa, con un rumbo general Noreste y una distancia aproximada de 330.86 metros hasta llegar al vértice 21.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 21 | 312,096.569500 | 2,627,305.611700 |
| 21 - 1 | 89°32'02"SE | 18.29 | 1  |                |                  |

**Zona Núcleo**  
**“Polígono Sur E”**  
**(Superficie 22-34-98.87 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 311,840.184000  | 2,626,680.238500 |
| 1 - 2   | 53°24'13"SE | 4.64                  | 2               | 311,843.907600  | 2,626,677.473500 |
| 2 - 3   | 55°39'10"SE | 23.01                 | 3               | 311,862.909000  | 2,626,664.488700 |
| 3 - 4   | 37°45'37"SE | 11.46                 | 4               | 311,869.929200  | 2,626,655.425400 |
| 4 - 5   | 61°30'15"SE | 14.75                 | 5               | 311,882.889700  | 2,626,648.389700 |
| 5 - 6   | 47°35'17"SE | 33.99                 | 6               | 311,907.982400  | 2,626,625.467500 |
| 6 - 7   | 44°46'06"SE | 26.87                 | 7               | 311,926.904900  | 2,626,606.391500 |
| 7 - 8   | 41°36'45"SE | 46.76                 | 8               | 311,957.959600  | 2,626,571.429200 |
| 8 - 9   | 51°36'43"SE | 30.65                 | 9               | 311,981.981300  | 2,626,552.398000 |
| 9 - 10  | 48°33'43"SE | 22.59                 | 10              | 311,998.918100  | 2,626,537.446300 |
| 10 - 11 | 39°23'45"SE | 36.22                 | 11              | 312,021.906000  | 2,626,509.456400 |
| 11 - 12 | 43°54'43"SE | 36.12                 | 12              | 312,046.958900  | 2,626,483.433500 |
| 12 - 13 | 41°12'52"SE | 31.87                 | 13              | 312,067.959600  | 2,626,459.457000 |
| 13 - 14 | 43°52'42"SE | 38.90                 | 14              | 312,094.924000  | 2,626,431.415700 |
| 14 - 15 | 46°57'26"SE | 42.46                 | 15              | 312,125.955000  | 2,626,402.435600 |
| 15 - 16 | 45°29'26"SE | 72.85                 | 16              | 312,177.909600  | 2,626,351.363300 |
| 16 - 17 | 42°00'01"SE | 38.91                 | 17              | 312,203.945300  | 2,626,322.448100 |
| 17 - 18 | 48°01'31"SE | 79.31                 | 18              | 312,262.910900  | 2,626,269.402400 |
| 18 - 19 | 46°36'51"SE | 51.01                 | 19              | 312,299.982400  | 2,626,234.363100 |
| 19 - 20 | 42°58'39"SE | 39.54                 | 20              | 312,326.936200  | 2,626,205.436200 |
| 20 - 21 | 45°52'57"SE | 47.41                 | 21              | 312,360.975100  | 2,626,172.430200 |
| 21 - 22 | 49°30'40"SE | 44.69                 | 22              | 312,394.963900  | 2,626,143.412500 |
| 22 - 23 | 42°01'08"SE | 67.28                 | 23              | 312,440.000500  | 2,626,093.427700 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 23 - 24 | 43°37'02"SE | 62.27                 | 24              | 312,482.959300  | 2,626,048.343700 |
| 24 - 25 | 45°02'24"SE | 40.97                 | 25              | 312,511.952800  | 2,626,019.390900 |
| 25 - 26 | 45°53'02"SE | 47.41                 | 26              | 312,545.992700  | 2,625,986.385400 |
| 26 - 27 | 47°29'25"SE | 79.98                 | 27              | 312,604.948000  | 2,625,932.344500 |
| 27 - 28 | 44°35'23"SE | 94.05                 | 28              | 312,670.976800  | 2,625,865.363500 |
| 28 - 29 | 42°52'09"SE | 39.62                 | 29              | 312,697.930500  | 2,625,836.326700 |
| 29 - 30 | 44°06'13"SE | 38.90                 | 30              | 312,725.000600  | 2,625,808.396200 |
| 30 - 31 | 47°09'05"SE | 36.83                 | 31              | 312,752.006000  | 2,625,783.346500 |
| 31 - 32 | 43°27'11"SE | 52.37                 | 32              | 312,788.021800  | 2,625,745.331500 |
| 32 - 33 | 45°00'15"SE | 62.21                 | 33              | 312,832.016600  | 2,625,701.343100 |
| 33 - 34 | 44°09'44"SE | 47.38                 | 34              | 312,865.025500  | 2,625,667.354800 |
| 34 - 35 | 44°56'24"SE | 29.64                 | 35              | 312,885.965400  | 2,625,646.371200 |
| 35 - 36 | 53°05'41"SE | 20.08                 | 36              | 312,902.023700  | 2,625,634.312000 |
| 36 - 37 | 71°38'02"SE | 15.73                 | 37              | 312,916.950000  | 2,625,629.356500 |
| 37 - 38 | 86°23'11"NE | 16.05                 | 38              | 312,932.973000  | 2,625,630.368400 |
| 38 - 39 | 39°33'24"SE | 22.07                 | 39              | 312,947.029900  | 2,625,613.350500 |
| 39 - 40 | 54°45'52"SE | 12.12                 | 40              | 312,956.933200  | 2,625,606.355300 |
| 40 - 41 | 26°33'35"SE | 24.68                 | 41              | 312,967.967800  | 2,625,584.281100 |
| 41 - 42 | 24°31'42"SE | 24.13                 | 42              | 312,977.984200  | 2,625,562.330900 |
| 42 - 43 | 34°33'58"SE | 19.41                 | 43              | 312,988.995400  | 2,625,546.349200 |
| 43 - 44 | 52°55'23"SE | 20.00                 | 44              | 313,004.952000  | 2,625,534.291500 |
| 44 - 45 | 40°07'04"SE | 65.31                 | 45              | 313,047.035800  | 2,625,484.347000 |
| 45 - 46 | 43°38'17"SE | 91.27                 | 46              | 313,110.021300  | 2,625,418.293800 |
| 46 - 47 | 54°12'07"SE | 22.17                 | 47              | 313,128.005800  | 2,625,405.323900 |
| 47 - 48 | 70°40'20"SE | 21.19                 | 48              | 313,148.004700  | 2,625,398.309500 |
| 48 - 49 | 37°41'57"SE | 16.40                 | 49              | 313,158.035100  | 2,625,385.331400 |
| 49 - 50 | 16°35'23"SE | 20.88                 | 50              | 313,163.997900  | 2,625,365.316600 |
| 50 - 51 | 46°23'09"SE | 59.41                 | 51              | 313,207.013900  | 2,625,324.332800 |
| 51 - 52 | 43°31'52"SE | 84.14                 | 52              | 313,264.967000  | 2,625,263.329600 |
| 52 - 53 | 42°57'41"SE | 80.73                 | 53              | 313,319.988000  | 2,625,204.247500 |
| 53 - 54 | 42°38'44"SE | 51.66                 | 54              | 313,354.987100  | 2,625,166.247300 |
| 54 - 55 | 40°51'38"SE | 29.03                 | 55              | 313,373.978400  | 2,625,144.292700 |
| 55 - 56 | 51°37'13"SE | 30.65                 | 56              | 313,398.004200  | 2,625,125.264100 |
| 56 - 57 | 43°47'49"SE | 67.90                 | 57              | 313,444.997500  | 2,625,076.254800 |
| 57 - 58 | 46°10'11"SE | 33.23                 | 58              | 313,468.972400  | 2,625,053.239400 |
| 58 - 59 | 42°31'54"SE | 81.38                 | 59              | 313,523.983600  | 2,624,993.272200 |
| 59 - 60 | 51°37'17"SE | 30.65                 | 60              | 313,548.009900  | 2,624,974.243900 |
| 60 - 61 | 39°19'16"SE | 28.36                 | 61              | 313,565.982100  | 2,624,952.302700 |
| 61 - 62 | 50°42'08"SE | 28.43                 | 62              | 313,587.982100  | 2,624,934.297500 |
| 62 - 63 | 57°48'15"SE | 18.89                 | 63              | 313,603.965500  | 2,624,924.233900 |
| 63 - 64 | 45°11'25"NE | 21.26                 | 64              | 313,619.046700  | 2,624,939.215200 |
| 64 - 65 | 28°53'26"NE | 30.90                 | 65              | 313,633.977100  | 2,624,966.272100 |
| 65 - 66 | 83°43'08"NE | 36.27                 | 66              | 313,670.026400  | 2,624,970.239800 |
| 66 - 67 | 46°20'27"SW | 30.40                 | 67              | 313,648.035600  | 2,624,949.255000 |
| 67 - 68 | 19°17'35"SW | 21.15                 | 68              | 313,641.048700  | 2,624,929.296000 |
| 68 - 69 | 21°47'43"SW | 37.74                 | 69              | 313,627.035500  | 2,624,894.252200 |
| 69 - 70 | 41°37'51"SE | 48.12                 | 70              | 313,659.002900  | 2,624,858.285600 |
| 70 - 71 | 39°24'22"SE | 36.22                 | 71              | 313,681.996800  | 2,624,830.298700 |
| 71 - 72 | 45°56'57"SE | 40.36                 | 72              | 313,711.006500  | 2,624,802.234600 |
| 72 - 73 | 49°49'58"SE | 92.94                 | 73              | 313,782.030800  | 2,624,742.284600 |
| 73 - 74 | 72°43'24"SE | 27.23                 | 74              | 313,808.033800  | 2,624,734.197300 |
| 74 - 75 | 87°33'37"NE | 24.00                 | 75              | 313,832.012200  | 2,624,735.218900 |
| 75 - 76 | 71°27'38"NE | 22.15                 | 76              | 313,853.008300  | 2,624,742.260100 |
| 76 - 77 | 14°53'12"SE | 15.53                 | 77              | 313,856.997000  | 2,624,727.255500 |
| 77 - 78 | 52°52'53"SW | 14.98                 | 78              | 313,845.051400  | 2,624,718.215100 |
| 78 - 79 | 13°57'20"SW | 16.50                 | 79              | 313,841.072800  | 2,624,702.205000 |

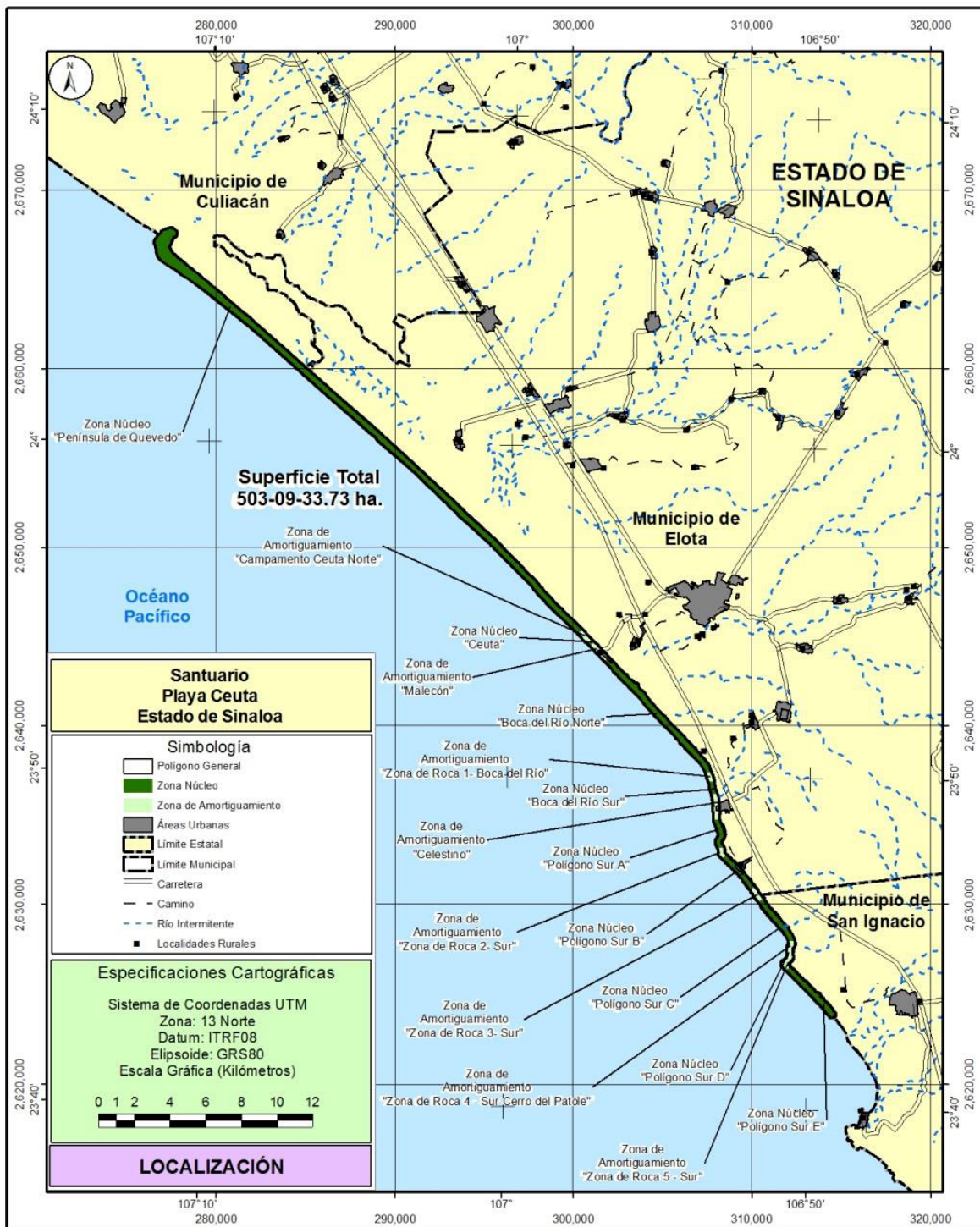
| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 79 - 80   | 29°54'19"SW | 16.11                 | 80              | 313,833.041200  | 2,624,688.240700 |
| 80 - 81   | 63°28'34"SW | 17.89                 | 81              | 313,817.029800  | 2,624,680.249400 |
| 81 - 82   | 42°56'50"SE | 20.52                 | 82              | 313,831.012400  | 2,624,665.227300 |
| 82 - 83   | 55°43'36"NE | 26.64                 | 83              | 313,853.028600  | 2,624,680.230700 |
| 83 - 84   | 34°12'29"SE | 30.27                 | 84              | 313,870.044200  | 2,624,655.200800 |
| 84 - 85   | 40°12'56"SE | 51.03                 | 85              | 313,902.994000  | 2,624,616.231500 |
| 85 - 86   | 33°20'43"SE | 41.86                 | 86              | 313,926.001300  | 2,624,581.266600 |
| 86 - 87   | 56°02'43"SE | 66.31                 | 87              | 313,981.004100  | 2,624,544.230200 |
| 87 - 88   | 51°12'42"SE | 71.87                 | 88              | 314,037.026700  | 2,624,499.205800 |
| 88 - 89   | 40°15'35"SE | 34.04                 | 89              | 314,059.027800  | 2,624,473.226100 |
| 89 - 90   | 44°59'31"SE | 84.88                 | 90              | 314,119.040000  | 2,624,413.197500 |
| 90 - 91   | 42°52'42"SE | 39.62                 | 91              | 314,145.999400  | 2,624,384.163900 |
| 91 - 92   | 45°02'31"SE | 43.83                 | 92              | 314,177.013400  | 2,624,353.195300 |
| 92 - 93   | 45°56'25"SE | 90.56                 | 93              | 314,242.088000  | 2,624,290.222500 |
| 93 - 94   | 39°06'29"SE | 55.39                 | 94              | 314,277.028000  | 2,624,247.241300 |
| 94 - 95   | 42°11'29"SE | 29.80                 | 95              | 314,297.040200  | 2,624,225.164300 |
| 95 - 96   | 47°59'40"SE | 26.86                 | 96              | 314,317.002800  | 2,624,207.186400 |
| 96 - 97   | 34°43'45"SE | 47.46                 | 97              | 314,344.039500  | 2,624,168.183200 |
| 97 - 98   | 02°25'27"SE | 24.07                 | 98              | 314,345.057700  | 2,624,144.133900 |
| 98 - 99   | 37°04'28"SE | 24.95                 | 99              | 314,360.100600  | 2,624,124.225200 |
| 99 - 100  | 29°54'15"SE | 22.01                 | 100             | 314,371.074800  | 2,624,105.143900 |
| 100 - 101 | 38°11'52"SE | 53.39                 | 101             | 314,404.091000  | 2,624,063.184500 |
| 101 - 102 | 29°55'27"SE | 30.00                 | 102             | 314,419.056300  | 2,624,037.184700 |
| 102 - 103 | 35°35'53"SE | 43.03                 | 103             | 314,444.105100  | 2,624,002.194700 |
| 103 - 104 | 36°28'12"SE | 62.42                 | 104             | 314,481.207200  | 2,623,951.999400 |
| 104 - 105 | 40°36'04"SE | 40.25                 | 105             | 314,507.401000  | 2,623,921.440000 |
| 105 - 106 | 35°55'57"SE | 26.68                 | 106             | 314,523.059200  | 2,623,899.834900 |
| 106 - 107 | 57°22'58"SW | 71.83                 | 107             | 314,462.554000  | 2,623,861.114800 |

A partir de este vértice 107 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 3,866.57 metros hasta llegar al vértice 108.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 108 | 311,813.827100 | 2,626,667.914600 |
| 108 - 1 | 64°56'24"NE | 29.10 | 1   |                |                  |

| Polígono general | Superficie (ha)   | Zonificación    | Nombre                            | Superficie (ha)   |
|------------------|-------------------|-----------------|-----------------------------------|-------------------|
| Playa Ceuta      | 503.093373        | Amortiguamiento | Campamento Ceuta Norte            | 1.557661          |
|                  |                   |                 | Malecón                           | 3.078624          |
|                  |                   |                 | Zona de Roca 1 - Boca del Río     | 0.210705          |
|                  |                   |                 | Celestino                         | 2.983437          |
|                  |                   |                 | Zona de Roca 2 - Sur              | 0.286741          |
|                  |                   |                 | Zona de Roca 3 - Sur              | 1.073591          |
|                  |                   |                 | Zona de Roca 4 - Sur Cerro Patole | 1.489988          |
|                  |                   |                 | Zona de Roca 5 - Sur              | 1.008227          |
|                  |                   |                 | <b>Subtotal</b>                   | <b>11.688974</b>  |
|                  |                   | Núcleo          | Península de Quevedo              | 363.847127        |
|                  |                   |                 | Ceuta                             | 4.704217          |
|                  |                   |                 | Boca del Río Norte                | 56.950128         |
|                  |                   |                 | Boca del Río Sur                  | 3.819265          |
|                  |                   |                 | Polígono Sur A                    | 8.227809          |
|                  |                   |                 | Polígono Sur B                    | 13.458286         |
|                  |                   |                 | Polígono Sur C                    | 16.717444         |
|                  |                   |                 | Polígono Sur D                    | 1.330236          |
|                  |                   |                 | Polígono Sur E                    | 22.349887         |
|                  |                   |                 | <b>Subtotal</b>                   | <b>491.404399</b> |
| <b>Total</b>     | <b>503.093373</b> | <b>Total</b>    |                                   | <b>503.093373</b> |





**“Playa Huizache Caimanero”**

El Santuario conocido como Playa Huizache Caimanero, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en los municipios de Mazatlán y Rosario, en el estado de Sinaloa, con una superficie total de 451-48-82.61 hectáreas (CUATROCIENTAS CINCUENTA Y UNA HECTÁREAS, CUARENTA Y OCHO ÁREAS, OCHENTA Y DOS PUNTO SESENTA Y UNA CENTIÁREAS). En el área se ubican siete zonas de amortiguamiento con una superficie de 191-96-15.98 hectáreas (CIENTO NOVENTA Y UNA HECTÁREAS, NOVENTA Y SEIS ÁREAS, QUINCE PUNTO NOVENTA Y OCHO CENTIÁREAS) y dos zonas núcleo con una superficie de 259-52-66.63 hectáreas (DOSCENTAS CINCUENTA Y NUEVE HECTÁREAS, CINCUENTA Y DOS ÁREAS, SESENTA Y SEIS PUNTO SESENTA Y TRES CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Huizache Caimanero, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0

**Polígono General**  
**(Superficie 451-48-82.61 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 356,866.655600  | 2,564,682.562000 |
| 1 - 2   | 62.64                 | 71°22'43"SE | 2           | 356,926.017400  | 2,564,662.560100 |
| 2 - 3   | 181.28                | 66°59'02"SE | 3           | 357,092.869700  | 2,564,591.680900 |
| 3 - 4   | 127.75                | 64°08'25"SE | 4           | 357,207.827900  | 2,564,535.960200 |
| 4 - 5   | 147.59                | 62°37'15"SE | 5           | 357,338.884900  | 2,564,468.087200 |
| 5 - 6   | 148.36                | 58°08'30"SE | 6           | 357,464.892300  | 2,564,389.782000 |
| 6 - 7   | 115.75                | 55°47'35"SE | 7           | 357,560.623400  | 2,564,324.706900 |
| 7 - 8   | 89.84                 | 53°06'13"SE | 8           | 357,632.469800  | 2,564,270.770600 |
| 8 - 9   | 186.23                | 52°19'20"SE | 9           | 357,779.863800  | 2,564,156.943900 |
| 9 - 10  | 74.62                 | 52°00'14"SE | 10          | 357,838.665000  | 2,564,111.009800 |
| 10 - 11 | 81.55                 | 51°05'27"SE | 11          | 357,902.122500  | 2,564,059.789400 |
| 11 - 12 | 73.78                 | 44°34'39"SE | 12          | 357,953.906600  | 2,564,007.236400 |
| 12 - 13 | 202.23                | 49°06'02"SE | 13          | 358,106.762100  | 2,563,874.832500 |
| 13 - 14 | 150.33                | 47°42'51"SE | 14          | 358,217.979500  | 2,563,773.683100 |
| 14 - 15 | 141.37                | 49°19'22"SE | 15          | 358,325.190800  | 2,563,681.541100 |
| 15 - 16 | 134.59                | 46°16'52"SE | 16          | 358,422.467500  | 2,563,588.520100 |
| 16 - 17 | 119.50                | 48°33'59"SE | 17          | 358,512.056100  | 2,563,509.443800 |
| 17 - 18 | 225.94                | 47°26'36"SE | 18          | 358,678.488200  | 2,563,356.635100 |
| 18 - 19 | 258.80                | 47°21'25"SE | 19          | 358,868.858900  | 2,563,181.316600 |
| 19 - 20 | 130.55                | 47°48'53"SE | 20          | 358,965.590900  | 2,563,093.651400 |
| 20 - 21 | 154.03                | 48°12'47"SE | 21          | 359,080.442700  | 2,562,991.009900 |
| 21 - 22 | 176.14                | 48°10'05"SE | 22          | 359,211.684300  | 2,562,873.535700 |
| 22 - 23 | 220.01                | 47°48'06"SE | 23          | 359,374.672400  | 2,562,725.756100 |
| 23 - 24 | 142.36                | 48°07'44"SE | 24          | 359,480.684600  | 2,562,630.734100 |
| 24 - 25 | 132.93                | 49°06'41"SE | 25          | 359,581.180400  | 2,562,543.717400 |
| 25 - 26 | 154.95                | 49°14'28"SE | 26          | 359,698.548400  | 2,562,442.555600 |
| 26 - 27 | 175.12                | 48°05'50"SE | 27          | 359,828.887500  | 2,562,325.598500 |
| 27 - 28 | 159.65                | 48°33'36"SE | 28          | 359,948.571000  | 2,562,219.935700 |
| 28 - 29 | 190.67                | 48°23'22"SE | 29          | 360,091.128200  | 2,562,093.321000 |
| 29 - 30 | 147.02                | 48°14'36"SE | 30          | 360,200.799000  | 2,561,995.413900 |
| 30 - 31 | 188.52                | 47°59'10"SE | 31          | 360,340.866000  | 2,561,869.236500 |
| 31 - 32 | 148.09                | 48°30'19"SE | 32          | 360,451.789500  | 2,561,771.118500 |
| 32 - 33 | 73.07                 | 45°26'36"SE | 33          | 360,503.858000  | 2,561,719.849700 |
| 33 - 34 | 109.23                | 49°39'26"SE | 34          | 360,587.114500  | 2,561,649.136400 |
| 34 - 35 | 128.40                | 48°30'55"SE | 35          | 360,683.306800  | 2,561,564.078800 |
| 35 - 36 | 175.58                | 47°50'29"SE | 36          | 360,813.465000  | 2,561,446.230600 |
| 36 - 37 | 85.58                 | 49°22'42"SE | 37          | 360,878.419300  | 2,561,390.515900 |
| 37 - 38 | 77.68                 | 46°22'49"SE | 38          | 360,934.651500  | 2,561,336.929900 |

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
| 38 - 39 | 107.37                | 48°10'25"SE | 39          | 361,014.657900  | 2,561,265.330000 |
| 39 - 40 | 119.03                | 47°03'35"SE | 40          | 361,101.796200  | 2,561,184.242200 |
| 40 - 41 | 138.23                | 50°25'30"SE | 41          | 361,208.339600  | 2,561,096.180400 |
| 41 - 42 | 56.66                 | 43°41'10"SE | 42          | 361,247.472400  | 2,561,055.210600 |
| 42 - 43 | 142.78                | 48°37'06"SE | 43          | 361,354.601700  | 2,560,960.825000 |
| 43 - 44 | 360.08                | 48°05'47"SE | 44          | 361,622.596200  | 2,560,720.337100 |
| 44 - 45 | 195.05                | 47°08'34"SE | 45          | 361,765.576800  | 2,560,587.670500 |
| 45 - 46 | 223.73                | 47°55'06"SE | 46          | 361,931.625100  | 2,560,437.731400 |
| 46 - 47 | 171.53                | 48°29'38"SE | 47          | 362,060.084400  | 2,560,324.056600 |
| 47 - 48 | 231.80                | 46°37'08"SE | 48          | 362,228.555500  | 2,560,164.847100 |
| 48 - 49 | 213.30                | 48°21'31"SE | 49          | 362,387.956900  | 2,560,023.118900 |
| 49 - 50 | 221.94                | 47°11'15"SE | 50          | 362,550.769400  | 2,559,872.287200 |
| 50 - 51 | 250.61                | 47°31'34"SE | 51          | 362,735.618200  | 2,559,703.060200 |
| 51 - 52 | 132.75                | 47°31'34"SE | 52          | 362,833.530000  | 2,559,613.423300 |
| 52 - 53 | 76.86                 | 44°35'15"SE | 53          | 362,887.489000  | 2,559,558.682100 |
| 53 - 54 | 116.02                | 49°03'59"SE | 54          | 362,975.135800  | 2,559,482.670200 |
| 54 - 55 | 181.30                | 46°35'27"SE | 55          | 363,106.847100  | 2,559,358.077300 |
| 55 - 56 | 133.24                | 44°42'23"SE | 56          | 363,200.579000  | 2,559,263.380700 |
| 56 - 57 | 184.79                | 47°18'16"SE | 57          | 363,336.396800  | 2,559,138.071900 |
| 57 - 58 | 97.11                 | 47°21'56"SE | 58          | 363,407.843300  | 2,559,072.294700 |
| 58 - 59 | 139.31                | 45°45'42"SE | 59          | 363,507.651800  | 2,558,975.105200 |
| 59 - 60 | 119.40                | 46°15'31"SE | 60          | 363,593.914000  | 2,558,892.552100 |
| 60 - 61 | 230.48                | 45°36'35"SE | 61          | 363,758.615800  | 2,558,731.320000 |
| 61 - 62 | 110.32                | 47°22'05"SE | 62          | 363,839.780000  | 2,558,656.602300 |
| 62 - 63 | 223.03                | 44°16'44"SE | 63          | 363,995.485700  | 2,558,496.927600 |
| 63 - 64 | 86.79                 | 49°31'50"SE | 64          | 364,061.514900  | 2,558,440.594500 |
| 64 - 65 | 37.98                 | 37°49'18"SE | 65          | 364,084.806500  | 2,558,410.590700 |
| 65 - 66 | 159.24                | 45°55'28"SE | 66          | 364,199.210900  | 2,558,299.819800 |
| 66 - 67 | 98.14                 | 42°53'58"SE | 67          | 364,266.014400  | 2,558,227.929700 |
| 67 - 68 | 121.49                | 47°15'10"SE | 68          | 364,355.233500  | 2,558,145.465000 |
| 68 - 69 | 168.11                | 44°07'51"SE | 69          | 364,472.288800  | 2,558,024.803400 |
| 69 - 70 | 308.16                | 45°01'12"SE | 70          | 364,690.267200  | 2,557,806.977700 |
| 70 - 71 | 107.95                | 42°46'47"SE | 71          | 364,763.584400  | 2,557,727.746300 |
| 71 - 72 | 178.82                | 45°57'21"SE | 72          | 364,892.122500  | 2,557,603.427500 |
| 72 - 73 | 405.88                | 44°32'48"SE | 73          | 365,176.848000  | 2,557,314.163000 |
| 73 - 74 | 182.02                | 43°32'12"SE | 74          | 365,302.227500  | 2,557,182.210000 |
| 74 - 75 | 114.78                | 41°46'29"SE | 75          | 365,378.695800  | 2,557,096.609500 |
| 75 - 76 | 39.60                 | 47°05'22"SE | 76          | 365,407.696600  | 2,557,069.650500 |
| 76 - 77 | 172.34                | 43°01'44"SE | 77          | 365,525.299500  | 2,556,943.665100 |
| 77 - 78 | 16.36                 | 77°08'52"NE | 78          | 365,541.251300  | 2,556,947.304500 |
| 78 - 79 | 176.23                | 40°16'36"SE | 79          | 365,655.182400  | 2,556,812.850900 |
| 79 - 80 | 168.40                | 40°29'52"SE | 80          | 365,764.546900  | 2,556,684.792500 |
| 80 - 81 | 170.13                | 43°59'34"SE | 81          | 365,882.712000  | 2,556,562.399200 |
| 81 - 82 | 120.74                | 34°41'36"SE | 82          | 365,951.436900  | 2,556,463.124000 |
| 82 - 83 | 102.37                | 43°28'15"SE | 83          | 366,021.869100  | 2,556,388.828800 |
| 83 - 84 | 122.27                | 42°37'56"SE | 84          | 366,104.683900  | 2,556,298.870300 |
| 84 - 85 | 140.77                | 43°01'11"SE | 85          | 366,200.727800  | 2,556,195.947200 |
| 85 - 86 | 154.11                | 39°33'58"SE | 86          | 366,298.888400  | 2,556,077.149000 |
| 86 - 87 | 128.60                | 43°04'57"SE | 87          | 366,386.730300  | 2,555,983.221800 |
| 87 - 88 | 41.68                 | 28°50'33"SE | 88          | 366,406.838700  | 2,555,946.709200 |
| 88 - 89 | 143.68                | 42°05'20"SE | 89          | 366,503.147200  | 2,555,840.081900 |
| 89 - 90 | 40.75                 | 31°43'45"SE | 90          | 366,524.578500  | 2,555,805.421400 |
| 90 - 91 | 108.59                | 37°10'37"SE | 91          | 366,590.195300  | 2,555,718.902500 |
| 91 - 92 | 87.79                 | 37°17'03"SE | 92          | 366,643.376600  | 2,555,649.052300 |
| 92 - 93 | 112.11                | 39°03'39"SE | 93          | 366,714.020500  | 2,555,562.004300 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 93 - 94   | 143.26                | 38°37'36"SE | 94          | 366,803.449900  | 2,555,450.085300 |
| 94 - 95   | 92.22                 | 41°30'38"SE | 95          | 366,864.568700  | 2,555,381.028900 |
| 95 - 96   | 72.62                 | 35°39'32"SE | 96          | 366,906.902200  | 2,555,322.026700 |
| 96 - 97   | 40.37                 | 28°34'49"SE | 97          | 366,926.216800  | 2,555,286.572500 |
| 97 - 98   | 33.74                 | 24°33'19"SE | 98          | 366,940.239700  | 2,555,255.880700 |
| 98 - 99   | 34.36                 | 54°43'07"SE | 99          | 366,968.285600  | 2,555,236.036900 |
| 99 - 100  | 32.74                 | 66°19'10"SE | 100         | 366,998.269600  | 2,555,222.887100 |
| 100 - 101 | 33.58                 | 28°59'19"SE | 101         | 367,014.541500  | 2,555,193.518300 |
| 101 - 102 | 27.49                 | 68°32'37"SE | 102         | 367,040.124400  | 2,555,183.463500 |
| 102 - 103 | 34.08                 | 38°09'33"SE | 103         | 367,061.181900  | 2,555,156.665000 |
| 103 - 104 | 20.60                 | 61°21'28"SE | 104         | 367,079.263900  | 2,555,146.789100 |
| 104 - 105 | 16.24                 | 38°12'39"SE | 105         | 367,089.310000  | 2,555,134.027800 |
| 105 - 106 | 36.99                 | 21°50'25"SE | 106         | 367,103.071800  | 2,555,099.691100 |
| 106 - 107 | 10.14                 | 00°30'33"SW | 107         | 367,102.981700  | 2,555,089.554300 |
| 107 - 108 | 42.24                 | 00°30'32"SW | 108         | 367,102.606400  | 2,555,047.317600 |
| 108 - 109 | 37.57                 | 52°30'15"SE | 109         | 367,132.413600  | 2,555,024.449200 |
| 109 - 110 | 23.45                 | 56°02'27"SE | 110         | 367,151.860500  | 2,555,011.352300 |
| 110 - 111 | 22.57                 | 23°51'37"SE | 111         | 367,160.988700  | 2,554,990.714800 |
| 111 - 112 | 11.28                 | 50°42'36"SE | 112         | 367,169.719900  | 2,554,983.571000 |
| 112 - 113 | 10.02                 | 56°18'35"NE | 113         | 367,178.054300  | 2,554,989.127300 |
| 113 - 114 | 10.49                 | 29°28'33"NE | 114         | 367,183.213700  | 2,554,998.255400 |
| 114 - 115 | 10.48                 | 65°22'35"SE | 115         | 367,192.738700  | 2,554,993.889800 |
| 115 - 116 | 14.56                 | 17°26'50"SE | 116         | 367,197.104400  | 2,554,979.999100 |
| 116 - 117 | 10.69                 | 21°48'03"SE | 117         | 367,201.073100  | 2,554,970.077200 |
| 117 - 118 | 27.22                 | 45°35'26"SE | 118         | 367,220.520000  | 2,554,951.027200 |
| 118 - 119 | 22.19                 | 42°49'31"SE | 119         | 367,235.601300  | 2,554,934.755300 |
| 119 - 120 | 13.58                 | 15°15'18"SW | 120         | 367,232.029400  | 2,554,921.658400 |
| 120 - 121 | 34.26                 | 46°52'40"SE | 121         | 367,257.032600  | 2,554,898.242700 |
| 121 - 122 | 11.94                 | 15°25'19"SE | 122         | 367,260.207600  | 2,554,886.733300 |
| 122 - 123 | 21.30                 | 26°33'54"SE | 123         | 367,269.732600  | 2,554,867.683300 |
| 123 - 124 | 41.84                 | 43°04'40"SE | 124         | 367,298.307700  | 2,554,837.123800 |
| 124 - 125 | 29.48                 | 46°38'12"SE | 125         | 367,319.739000  | 2,554,816.883200 |
| 125 - 126 | 19.24                 | 21°48'04"SE | 126         | 367,326.882700  | 2,554,799.023800 |
| 126 - 127 | 106.51                | 43°39'10"SE | 127         | 367,400.404800  | 2,554,721.960900 |
| 127 - 128 | 26.59                 | 82°11'28"SE | 128         | 367,426.749000  | 2,554,718.348100 |
| 128 - 129 | 19.69                 | 62°43'24"SE | 129         | 367,444.253200  | 2,554,709.322600 |
| 129 - 130 | 15.13                 | 15°13'22"NE | 130         | 367,448.225800  | 2,554,723.921200 |
| 130 - 131 | 59.59                 | 23°50'00"NE | 131         | 367,472.303000  | 2,554,778.425500 |
| 131 - 132 | 78.91                 | 16°14'52"NE | 132         | 367,494.381600  | 2,554,854.183700 |
| 132 - 133 | 18.86                 | 16°07'58"NE | 133         | 367,499.622000  | 2,554,872.300500 |
| 133 - 134 | 42.62                 | 14°17'49"NE | 134         | 367,510.147500  | 2,554,913.602400 |
| 134 - 135 | 100.98                | 29°33'33"NE | 135         | 367,559.965100  | 2,555,001.442500 |
| 135 - 136 | 87.30                 | 34°40'51"NE | 136         | 367,609.640000  | 2,555,073.233000 |
| 136 - 137 | 152.08                | 25°59'50"NE | 137         | 367,676.300200  | 2,555,209.922700 |
| 137 - 138 | 19.37                 | 49°39'13"NE | 138         | 367,691.064200  | 2,555,222.464000 |
| 138 - 139 | 251.25                | 26°47'43"NE | 139         | 367,804.329000  | 2,555,446.733700 |
| 139 - 140 | 225.55                | 47°27'31"SE | 140         | 367,970.511000  | 2,555,294.236000 |
| 140 - 141 | 231.57                | 25°58'55"NE | 141         | 368,071.957700  | 2,555,502.397600 |
| 141 - 142 | 56.68                 | 63°19'08"NE | 142         | 368,122.601000  | 2,555,527.847600 |
| 142 - 143 | 36.12                 | 33°32'27"NE | 143         | 368,142.560000  | 2,555,557.955700 |
| 143 - 144 | 109.90                | 55°07'25"NE | 144         | 368,232.717000  | 2,555,620.794400 |
| 144 - 145 | 102.38                | 57°44'50"NE | 145         | 368,319.302000  | 2,555,675.431000 |
| 145 - 146 | 248.11                | 23°18'21"SW | 146         | 368,221.140700  | 2,555,447.567800 |
| 146 - 147 | 153.77                | 23°08'45"SW | 147         | 368,160.697000  | 2,555,306.174800 |
| 147 - 148 | 84.29                 | 09°42'26"SW | 148         | 368,146.483700  | 2,555,223.087600 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 148 - 149 | 18.77                 | 22°09'02"SE | 149         | 368,153.559200  | 2,555,205.706900 |
| 149 - 150 | 246.79                | 21°05'00"SW | 150         | 368,064.782100  | 2,554,975.438000 |
| 150 - 151 | 179.70                | 38°33'43"SW | 151         | 367,952.763200  | 2,554,834.923200 |
| 151 - 152 | 345.43                | 21°13'58"SW | 152         | 367,827.662300  | 2,554,512.942200 |
| 152 - 153 | 143.71                | 16°03'39"SE | 153         | 367,867.421700  | 2,554,374.840100 |
| 153 - 154 | 51.54                 | 21°22'59"NE | 154         | 367,886.211600  | 2,554,422.827600 |
| 154 - 155 | 60.04                 | 56°15'16"NE | 155         | 367,936.133400  | 2,554,456.178600 |
| 155 - 156 | 88.81                 | 14°30'38"NE | 156         | 367,958.384400  | 2,554,542.151400 |
| 156 - 157 | 316.12                | 40°46'51"NE | 157         | 368,164.863500  | 2,554,781.519400 |
| 157 - 158 | 185.51                | 77°16'13"SE | 158         | 368,345.814700  | 2,554,740.642400 |
| 158 - 159 | 236.39                | 45°36'24"SE | 159         | 368,514.731000  | 2,554,575.266200 |
| 159 - 160 | 91.47                 | 88°54'57"NE | 160         | 368,606.184400  | 2,554,576.996900 |
| 160 - 161 | 86.98                 | 57°53'12"NE | 161         | 368,679.858100  | 2,554,623.236000 |
| 161 - 162 | 57.39                 | 54°57'09"NE | 162         | 368,726.843100  | 2,554,656.193000 |
| 162 - 163 | 55.56                 | 79°25'38"SE | 163         | 368,781.460000  | 2,554,645.998600 |
| 163 - 164 | 47.94                 | 28°46'30"SE | 164         | 368,804.536900  | 2,554,603.978800 |
| 164 - 165 | 61.74                 | 02°13'05"SE | 165         | 368,806.926500  | 2,554,542.287900 |
| 165 - 166 | 55.39                 | 26°20'19"SE | 166         | 368,831.500000  | 2,554,492.651900 |
| 166 - 167 | 75.47                 | 56°14'07"SE | 167         | 368,894.240600  | 2,554,450.707000 |
| 167 - 168 | 88.63                 | 71°44'19"SE | 168         | 368,978.402400  | 2,554,422.936200 |
| 168 - 169 | 78.69                 | 89°17'27"SE | 169         | 369,057.086100  | 2,554,421.962300 |
| 169 - 170 | 123.12                | 18°18'57"SE | 170         | 369,095.778600  | 2,554,305.076300 |
| 170 - 171 | 89.41                 | 45°13'28"SW | 171         | 369,032.307700  | 2,554,242.100800 |
| 171 - 172 | 37.27                 | 03°42'25"SE | 172         | 369,034.717500  | 2,554,204.908800 |
| 172 - 173 | 38.66                 | 32°13'50"SE | 173         | 369,055.337400  | 2,554,172.203800 |
| 173 - 174 | 64.29                 | 54°38'15"SE | 174         | 369,107.766000  | 2,554,134.996500 |
| 174 - 175 | 54.09                 | 48°30'43"SE | 175         | 369,148.288200  | 2,554,099.160700 |
| 175 - 176 | 31.79                 | 18°52'52"SE | 176         | 369,158.576000  | 2,554,069.080600 |
| 176 - 177 | 158.80                | 04°35'35"SW | 177         | 369,145.859100  | 2,553,910.793200 |
| 177 - 178 | 202.21                | 25°34'45"SE | 178         | 369,233.166900  | 2,553,728.399600 |
| 178 - 179 | 210.66                | 10°50'21"SE | 179         | 369,272.782300  | 2,553,521.501900 |
| 179 - 180 | 103.18                | 33°43'14"SE | 180         | 369,330.064900  | 2,553,435.677700 |
| 180 - 181 | 74.33                 | 61°25'25"SE | 181         | 369,395.344100  | 2,553,400.121300 |
| 181 - 182 | 428.58                | 18°18'57"SE | 182         | 369,530.030000  | 2,552,993.249700 |
| 182 - 183 | 337.11                | 60°50'48"SE | 183         | 369,824.437700  | 2,552,829.026000 |
| 183 - 184 | 56.36                 | 56°51'21"SE | 184         | 369,871.627600  | 2,552,798.211600 |
| 184 - 185 | 35.15                 | 25°11'40"SE | 185         | 369,886.592500  | 2,552,766.401900 |
| 185 - 186 | 35.41                 | 26°02'58"SE | 186         | 369,902.143700  | 2,552,734.587100 |
| 186 - 187 | 15.07                 | 11°42'43"SW | 187         | 369,899.084400  | 2,552,719.829900 |
| 187 - 188 | 27.00                 | 49°36'10"SE | 188         | 369,919.645100  | 2,552,702.333100 |
| 188 - 189 | 73.36                 | 55°32'22"SE | 189         | 369,980.129700  | 2,552,660.824600 |
| 189 - 190 | 66.98                 | 41°05'32"SE | 190         | 370,024.156500  | 2,552,610.342000 |
| 190 - 191 | 32.31                 | 35°40'06"SE | 191         | 370,042.994800  | 2,552,584.095200 |
| 191 - 192 | 29.65                 | 55°10'32"SE | 192         | 370,067.336600  | 2,552,567.161900 |
| 192 - 193 | 38.85                 | 73°32'23"SE | 193         | 370,104.590000  | 2,552,556.155200 |
| 193 - 194 | 124.16                | 50°24'14"SE | 194         | 370,200.263500  | 2,552,477.018200 |
| 194 - 195 | 113.20                | 45°56'48"SE | 195         | 370,281.623000  | 2,552,398.304500 |
| 195 - 196 | 63.55                 | 53°43'53"SE | 196         | 370,332.858600  | 2,552,360.711500 |
| 196 - 197 | 187.94                | 52°21'49"SE | 197         | 370,481.687000  | 2,552,245.948200 |
| 197 - 198 | 101.35                | 52°09'28"SE | 198         | 370,561.723600  | 2,552,183.771000 |
| 198 - 199 | 74.37                 | 45°43'14"SE | 199         | 370,614.971100  | 2,552,131.846500 |
| 199 - 200 | 115.29                | 51°17'19"SE | 200         | 370,704.929600  | 2,552,059.747400 |
| 200 - 201 | 75.45                 | 48°33'14"SE | 201         | 370,761.484400  | 2,552,009.807100 |
| 201 - 202 | 37.27                 | 58°25'33"SE | 202         | 370,793.234500  | 2,551,990.294100 |
| 202 - 203 | 45.86                 | 46°45'12"SE | 203         | 370,826.638200  | 2,551,958.874800 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 203 - 204 | 75.94                 | 53°40'44"SE | 204         | 370,887.823200  | 2,551,913.895500 |
| 204 - 205 | 34.83                 | 77°56'35"SE | 205         | 370,921.888400  | 2,551,906.619400 |
| 205 - 206 | 45.60                 | 44°42'22"SE | 206         | 370,953.969200  | 2,551,874.207900 |
| 206 - 207 | 12.16                 | 22°22'48"SE | 207         | 370,958.599400  | 2,551,862.963100 |
| 207 - 208 | 62.66                 | 57°03'53"SE | 208         | 371,011.185500  | 2,551,828.897900 |
| 208 - 209 | 18.57                 | 04°05'09"SW | 209         | 371,009.862500  | 2,551,810.377100 |
| 209 - 210 | 87.91                 | 50°48'05"SE | 210         | 371,077.992900  | 2,551,754.814500 |
| 210 - 211 | 25.68                 | 65°44'16"SE | 211         | 371,101.404400  | 2,551,744.262500 |
| 211 - 212 | 28.42                 | 55°57'57"SE | 212         | 371,124.956500  | 2,551,728.356100 |
| 212 - 213 | 24.80                 | 36°52'11"SE | 213         | 371,139.839400  | 2,551,708.512300 |
| 213 - 214 | 18.09                 | 18°06'13"SE | 214         | 371,145.461800  | 2,551,691.314300 |
| 214 - 215 | 62.46                 | 50°09'20"SE | 215         | 371,193.417600  | 2,551,651.296000 |
| 215 - 216 | 54.47                 | 48°24'19"SE | 216         | 371,234.153700  | 2,551,615.135800 |
| 216 - 217 | 243.82                | 49°24'35"SE | 217         | 371,419.306100  | 2,551,456.496100 |
| 217 - 218 | 180.70                | 48°47'04"SE | 218         | 371,555.236000  | 2,551,337.433400 |
| 218 - 219 | 88.11                 | 48°39'08"SE | 219         | 371,621.382000  | 2,551,279.225000 |
| 219 - 220 | 36.31                 | 48°19'22"SE | 220         | 371,648.501800  | 2,551,255.081700 |
| 220 - 221 | 65.72                 | 44°47'46"SE | 221         | 371,694.804000  | 2,551,208.448800 |
| 221 - 222 | 93.34                 | 50°53'46"SE | 222         | 371,767.233800  | 2,551,149.578900 |
| 222 - 223 | 40.46                 | 45°59'36"SE | 223         | 371,796.338100  | 2,551,121.466800 |
| 223 - 224 | 29.71                 | 43°38'48"SE | 224         | 371,816.843300  | 2,551,099.969400 |
| 224 - 225 | 81.10                 | 50°47'34"SE | 225         | 371,879.682000  | 2,551,048.706300 |
| 225 - 226 | 72.29                 | 49°49'30"SE | 226         | 371,934.913900  | 2,551,002.073400 |
| 226 - 227 | 64.97                 | 49°20'07"SE | 227         | 371,984.192600  | 2,550,959.739900 |
| 227 - 228 | 221.24                | 49°08'16"SE | 228         | 372,151.512400  | 2,550,814.997100 |
| 228 - 229 | 105.15                | 48°04'44"SE | 229         | 372,229.750000  | 2,550,744.746500 |
| 229 - 230 | 149.42                | 48°05'20"SE | 230         | 372,340.949200  | 2,550,644.934500 |
| 230 - 231 | 1.57                  | 47°07'23"SE | 231         | 372,342.096100  | 2,550,643.869600 |
| 231 - 232 | 162.98                | 48°16'58"SE | 232         | 372,463.750900  | 2,550,535.413600 |
| 232 - 233 | 144.82                | 47°46'13"SE | 233         | 372,570.986200  | 2,550,438.078000 |
| 233 - 234 | 127.27                | 41°30'04"SE | 234         | 372,655.322100  | 2,550,342.757700 |
| 234 - 235 | 1.11                  | 51°13'02"SE | 235         | 372,656.184800  | 2,550,342.064500 |
| 235 - 236 | 38.31                 | 41°46'07"SE | 236         | 372,681.701800  | 2,550,313.493900 |
| 236 - 237 | 66.28                 | 48°02'02"SE | 237         | 372,730.980600  | 2,550,269.176100 |
| 237 - 238 | 62.91                 | 46°59'59"SE | 238         | 372,776.988500  | 2,550,226.273000 |
| 238 - 239 | 11.94                 | 50°28'30"NE | 239         | 372,786.198600  | 2,550,233.871900 |
| 239 - 240 | 0.74                  | 49°30'11"SE | 240         | 372,786.763600  | 2,550,233.389400 |
| 240 - 241 | 120.80                | 46°02'29"SE | 241         | 372,873.717900  | 2,550,149.540600 |
| 241 - 242 | 158.99                | 48°13'58"SE | 242         | 372,992.301700  | 2,550,043.636500 |
| 242 - 243 | 81.70                 | 43°37'52"SE | 243         | 373,048.678500  | 2,549,984.499800 |
| 243 - 244 | 130.39                | 48°38'05"SE | 244         | 373,146.535600  | 2,549,898.333300 |
| 244 - 245 | 11.16                 | 64°03'41"SE | 245         | 373,156.574200  | 2,549,893.450500 |
| 245 - 246 | 14.57                 | 41°19'51"SW | 246         | 373,146.949500  | 2,549,882.506900 |
| 246 - 247 | 111.60                | 45°53'22"SE | 247         | 373,227.075300  | 2,549,804.831400 |
| 247 - 248 | 85.03                 | 46°53'40"SE | 248         | 373,289.154000  | 2,549,746.728200 |
| 248 - 249 | 9.24                  | 47°09'20"NE | 249         | 373,295.931500  | 2,549,753.014000 |
| 249 - 250 | 50.66                 | 45°05'51"SE | 250         | 373,331.815500  | 2,549,717.252000 |
| 250 - 251 | 242.39                | 46°44'23"SE | 251         | 373,508.332800  | 2,549,551.141500 |
| 251 - 252 | 79.80                 | 45°01'08"SE | 252         | 373,564.776600  | 2,549,494.735200 |
| 252 - 253 | 148.50                | 48°37'15"SE | 253         | 373,676.200900  | 2,549,396.574400 |
| 253 - 254 | 77.82                 | 47°37'28"SE | 254         | 373,733.689300  | 2,549,344.125500 |
| 254 - 255 | 84.52                 | 47°20'42"SE | 255         | 373,795.846100  | 2,549,286.859400 |
| 255 - 256 | 92.45                 | 67°26'11"SE | 256         | 373,881.221200  | 2,549,251.384900 |
| 256 - 257 | 32.81                 | 47°20'11"SE | 257         | 373,905.344500  | 2,549,229.153000 |
| 257 - 258 | 170.77                | 44°22'00"SE | 258         | 374,024.753300  | 2,549,107.075500 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 258 - 259 | 67.55                 | 43°07'54"SE | 259         | 374,070.937300  | 2,549,057.777300 |
| 259 - 260 | 129.73                | 43°07'54"SE | 260         | 374,159.631900  | 2,548,963.101900 |
| 260 - 261 | 129.57                | 43°07'53"SE | 261         | 374,248.218400  | 2,548,868.541000 |
| 261 - 262 | 128.98                | 43°07'55"SE | 262         | 374,336.399700  | 2,548,774.413900 |
| 262 - 263 | 131.19                | 44°35'41"SE | 263         | 374,428.505400  | 2,548,680.996100 |
| 263 - 264 | 128.59                | 44°35'37"SE | 264         | 374,518.787400  | 2,548,589.425100 |
| 264 - 265 | 129.89                | 44°35'39"SE | 265         | 374,609.980600  | 2,548,496.931300 |
| 265 - 266 | 130.21                | 44°35'39"SE | 266         | 374,701.397900  | 2,548,404.209900 |
| 266 - 267 | 129.82                | 44°35'37"SE | 267         | 374,792.539800  | 2,548,311.766400 |
| 267 - 268 | 129.39                | 44°35'40"SE | 268         | 374,883.384700  | 2,548,219.626300 |
| 268 - 269 | 121.07                | 45°26'55"SE | 269         | 374,969.663700  | 2,548,134.688600 |
| 269 - 270 | 120.09                | 45°26'53"SE | 270         | 375,055.243500  | 2,548,050.437000 |
| 270 - 271 | 119.84                | 45°26'55"SE | 271         | 375,140.645600  | 2,547,966.362600 |
| 271 - 272 | 120.15                | 45°26'54"SE | 272         | 375,226.269500  | 2,547,882.068700 |
| 272 - 273 | 119.43                | 45°26'55"SE | 273         | 375,311.374800  | 2,547,798.285800 |
| 273 - 274 | 121.15                | 45°26'54"SE | 274         | 375,397.705100  | 2,547,713.296100 |
| 274 - 275 | 120.89                | 45°26'55"SE | 275         | 375,483.856700  | 2,547,628.483600 |
| 275 - 276 | 118.09                | 43°20'42"SE | 276         | 375,564.913000  | 2,547,542.604500 |
| 276 - 277 | 121.10                | 43°20'45"SE | 277         | 375,648.035400  | 2,547,454.539000 |
| 277 - 278 | 121.07                | 43°20'42"SE | 278         | 375,731.134100  | 2,547,366.496100 |
| 278 - 279 | 189.75                | 43°20'42"SE | 279         | 375,861.375300  | 2,547,228.505500 |
| 279 - 280 | 189.47                | 43°20'44"SE | 280         | 375,991.429300  | 2,547,090.715300 |
| 280 - 281 | 190.06                | 43°20'43"SE | 281         | 376,121.883300  | 2,546,952.501200 |
| 281 - 282 | 190.52                | 43°20'43"SE | 282         | 376,252.655100  | 2,546,813.950100 |
| 282 - 283 | 189.62                | 43°20'43"SE | 283         | 376,382.806600  | 2,546,676.055700 |
| 283 - 284 | 190.11                | 43°20'43"SE | 284         | 376,513.297500  | 2,546,537.801500 |
| 284 - 285 | 188.85                | 42°36'18"SE | 285         | 376,641.136700  | 2,546,398.802800 |
| 285 - 286 | 191.15                | 42°36'16"SE | 286         | 376,770.529700  | 2,546,258.111600 |
| 286 - 287 | 189.83                | 42°36'19"SE | 287         | 376,899.037600  | 2,546,118.387200 |
| 287 - 288 | 189.04                | 42°36'15"SE | 288         | 377,027.007300  | 2,545,979.242800 |
| 288 - 289 | 190.75                | 42°36'17"SE | 289         | 377,156.134700  | 2,545,838.842000 |
| 289 - 290 | 23.94                 | 42°36'18"SE | 290         | 377,172.338200  | 2,545,821.224000 |
| 290 - 291 | 36.27                 | 50°08'28"SW | 291         | 377,144.492700  | 2,545,797.975700 |
| 291 - 292 | 601.16                | 43°40'56"SE | 292         | 377,559.687300  | 2,545,363.232100 |
| 292 - 293 | 475.50                | 42°38'05"SE | 293         | 377,881.752400  | 2,545,013.414700 |
| 293 - 294 | 435.71                | 42°48'57"SE | 294         | 378,177.880300  | 2,544,693.804300 |
| 294 - 295 | 486.22                | 42°52'45"SE | 295         | 378,508.732500  | 2,544,337.506900 |
| 295 - 296 | 229.28                | 42°52'45"SE | 296         | 378,664.745000  | 2,544,169.495800 |
| 296 - 297 | 253.95                | 41°51'26"SE | 297         | 378,834.202700  | 2,543,980.348400 |
| 297 - 298 | 85.05                 | 43°40'35"SE | 298         | 378,892.940300  | 2,543,918.832600 |
| 298 - 299 | 42.95                 | 35°35'57"SE | 299         | 378,917.943500  | 2,543,883.907600 |
| 299 - 300 | 715.04                | 41°25'20"SE | 300         | 379,391.019400  | 2,543,347.728400 |
| 300 - 301 | 172.60                | 41°38'40"SE | 301         | 379,505.716500  | 2,543,218.743700 |
| 301 - 302 | 89.59                 | 39°58'05"SE | 302         | 379,563.263500  | 2,543,150.084200 |
| 302 - 303 | 97.03                 | 41°35'23"SE | 303         | 379,627.671200  | 2,543,077.514300 |
| 303 - 304 | 129.43                | 41°31'39"SE | 304         | 379,713.481000  | 2,542,980.618300 |
| 304 - 305 | 188.70                | 42°18'02"SE | 305         | 379,840.481200  | 2,542,841.050300 |
| 305 - 306 | 252.96                | 41°49'12"SE | 306         | 380,009.153500  | 2,542,652.534300 |
| 306 - 307 | 192.71                | 40°57'50"SE | 307         | 380,135.492300  | 2,542,507.013100 |
| 307 - 308 | 202.48                | 41°17'29"SE | 308         | 380,269.107100  | 2,542,354.877400 |
| 308 - 309 | 218.04                | 40°56'26"SE | 309         | 380,411.982400  | 2,542,190.174000 |
| 309 - 310 | 241.21                | 41°59'55"SE | 310         | 380,573.378500  | 2,542,010.918400 |
| 310 - 311 | 155.49                | 39°38'58"SE | 311         | 380,672.597500  | 2,541,891.194200 |
| 311 - 312 | 262.85                | 41°38'00"SE | 312         | 380,847.222800  | 2,541,694.740700 |
| 312 - 313 | 214.36                | 39°14'22"SE | 313         | 380,982.822100  | 2,541,528.714300 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 313 - 314 | 186.55                | 41°15'44"SE | 314         | 381,105.853600  | 2,541,388.484900 |
| 314 - 315 | 165.89                | 41°26'37"SE | 315         | 381,215.655900  | 2,541,264.130400 |
| 315 - 316 | 222.49                | 40°10'34"SE | 316         | 381,359.192600  | 2,541,094.135300 |
| 316 - 317 | 172.19                | 40°28'54"SE | 317         | 381,470.979300  | 2,540,963.166300 |
| 317 - 318 | 207.66                | 39°34'18"SE | 318         | 381,603.271200  | 2,540,803.093100 |
| 318 - 319 | 156.99                | 41°24'46"SE | 319         | 381,707.120400  | 2,540,685.353200 |
| 319 - 320 | 161.17                | 39°30'16"SE | 320         | 381,809.646600  | 2,540,560.998800 |
| 320 - 321 | 169.32                | 40°43'21"SE | 321         | 381,920.110400  | 2,540,432.675700 |
| 321 - 322 | 261.16                | 40°59'41"SE | 322         | 382,091.428500  | 2,540,235.560700 |
| 322 - 323 | 203.18                | 40°22'43"SE | 323         | 382,223.058900  | 2,540,080.779100 |
| 323 - 324 | 202.41                | 39°49'46"SE | 324         | 382,352.705000  | 2,539,925.336100 |
| 324 - 325 | 339.02                | 39°56'03"SE | 325         | 382,570.325200  | 2,539,665.382500 |
| 325 - 326 | 445.82                | 39°38'32"SE | 326         | 382,854.752900  | 2,539,322.084900 |
| 326 - 327 | 153.39                | 40°37'41"SE | 327         | 382,954.633300  | 2,539,205.668000 |
| 327 - 328 | 375.18                | 39°55'19"SE | 328         | 383,195.404600  | 2,538,917.933000 |
| 328 - 329 | 47.19                 | 31°14'21"SE | 329         | 383,219.878600  | 2,538,877.584000 |
| 329 - 330 | 221.13                | 40°01'30"SE | 330         | 383,362.092500  | 2,538,708.250300 |
| 330 - 331 | 244.17                | 39°56'40"SE | 331         | 383,518.858400  | 2,538,521.057300 |
| 331 - 332 | 173.36                | 39°34'53"SE | 332         | 383,629.322200  | 2,538,387.442400 |
| 332 - 333 | 221.81                | 39°26'01"SE | 333         | 383,770.213100  | 2,538,216.124400 |
| 333 - 334 | 198.18                | 39°51'16"SE | 334         | 383,897.213300  | 2,538,063.988600 |
| 334 - 335 | 179.72                | 40°22'21"SE | 335         | 384,013.630200  | 2,537,927.066500 |
| 335 - 336 | 266.12                | 39°08'56"SE | 336         | 384,181.641000  | 2,537,720.691100 |
| 336 - 337 | 196.08                | 40°37'20"SE | 337         | 384,309.302700  | 2,537,571.862600 |
| 337 - 338 | 227.15                | 40°16'31"SE | 338         | 384,456.146700  | 2,537,398.560200 |
| 338 - 339 | 68.67                 | 35°59'12"SE | 339         | 384,496.495800  | 2,537,342.997600 |
| 339 - 340 | 178.29                | 40°29'09"SE | 340         | 384,612.251200  | 2,537,207.398400 |
| 340 - 341 | 94.11                 | 38°43'21"SE | 341         | 384,671.121100  | 2,537,133.976400 |
| 341 - 342 | 87.36                 | 39°46'40"SE | 342         | 384,727.014500  | 2,537,066.838200 |
| 342 - 343 | 54.45                 | 37°50'39"SE | 343         | 384,760.418200  | 2,537,023.843300 |
| 343 - 344 | 53.53                 | 39°59'12"SE | 344         | 384,794.814100  | 2,536,982.832800 |
| 344 - 345 | 34.56                 | 39°10'24"SE | 345         | 384,816.642200  | 2,536,956.043700 |
| 345 - 346 | 59.96                 | 41°52'11"SE | 346         | 384,856.660500  | 2,536,911.395200 |
| 346 - 347 | 31.42                 | 40°43'55"SE | 347         | 384,877.165800  | 2,536,887.582600 |
| 347 - 348 | 99.55                 | 37°26'27"SE | 348         | 384,937.689400  | 2,536,808.538200 |
| 348 - 349 | 80.39                 | 41°09'49"SE | 349         | 384,990.606100  | 2,536,748.014600 |
| 349 - 350 | 155.89                | 39°03'30"SE | 350         | 385,088.832900  | 2,536,626.967500 |
| 350 - 351 | 144.40                | 39°53'22"SE | 351         | 385,181.437200  | 2,536,516.173000 |
| 351 - 352 | 22.86                 | 31°23'25"SE | 352         | 385,193.343500  | 2,536,496.660000 |
| 352 - 353 | 86.68                 | 39°34'54"SE | 353         | 385,248.575400  | 2,536,429.852600 |
| 353 - 354 | 125.20                | 40°55'46"SE | 354         | 385,330.596400  | 2,536,335.263800 |
| 354 - 355 | 38.57                 | 30°57'49"SE | 355         | 385,350.440200  | 2,536,302.190800 |
| 355 - 356 | 29.47                 | 44°05'26"SE | 356         | 385,370.945400  | 2,536,281.024100 |
| 356 - 357 | 58.06                 | 39°13'13"SE | 357         | 385,407.656400  | 2,536,236.044900 |
| 357 - 358 | 162.96                | 38°59'12"SE | 358         | 385,510.182700  | 2,536,109.375300 |
| 358 - 359 | 112.43                | 37°52'53"SE | 359         | 385,579.220900  | 2,536,020.632900 |
| 359 - 360 | 23.08                 | 40°56'51"SE | 360         | 385,594.346100  | 2,536,003.201200 |
| 360 - 361 | 69.87                 | 40°29'24"SE | 361         | 385,639.715500  | 2,535,950.061800 |
| 361 - 362 | 108.77                | 39°04'55"SE | 362         | 385,708.289900  | 2,535,865.627500 |
| 362 - 363 | 184.59                | 38°59'35"SE | 363         | 385,824.442200  | 2,535,722.156900 |
| 363 - 364 | 242.97                | 38°22'02"SE | 364         | 385,975.255000  | 2,535,531.656500 |
| 364 - 365 | 173.23                | 40°04'28"SE | 365         | 386,086.777100  | 2,535,399.100000 |
| 365 - 366 | 281.97                | 40°01'57"SE | 366         | 386,268.149300  | 2,535,183.199500 |
| 366 - 367 | 238.58                | 39°19'46"SE | 367         | 386,419.359000  | 2,534,998.652300 |
| 367 - 368 | 151.94                | 34°53'38"SE | 368         | 386,506.274800  | 2,534,874.033300 |



| Est-PV                                                                                                                                                                | Distancia<br>(metros) | Rumbo       | Vértice no. | Coordenadas UTM |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                       |                       |             |             | X               | Y                |
| 368 - 369                                                                                                                                                             | 106.87                | 39°25'26"SE | 369         | 386,574.140500  | 2,534,791.483100 |
| 369 - 370                                                                                                                                                             | 141.95                | 37°57'33"SE | 370         | 386,661.453200  | 2,534,679.564200 |
| 370 - 371                                                                                                                                                             | 307.55                | 38°33'21"SE | 371         | 386,853.144200  | 2,534,439.057400 |
| 371 - 372                                                                                                                                                             | 211.54                | 38°31'31"SE | 372         | 386,984.907000  | 2,534,273.560200 |
| 372 - 373                                                                                                                                                             | 153.96                | 38°24'21"SE | 373         | 387,080.554100  | 2,534,152.910000 |
| 373 - 374                                                                                                                                                             | 281.27                | 38°35'02"SE | 374         | 387,255.973200  | 2,533,933.040800 |
| 374 - 375                                                                                                                                                             | 268.19                | 38°45'08"SE | 375         | 387,423.851600  | 2,533,723.887200 |
| 375 - 376                                                                                                                                                             | 191.57                | 39°57'27"SE | 376         | 387,546.883100  | 2,533,577.043200 |
| 376 - 377                                                                                                                                                             | 143.71                | 35°26'44"SE | 377         | 387,630.227000  | 2,533,459.964800 |
| 377 - 378                                                                                                                                                             | 260.09                | 38°03'32"SE | 378         | 387,790.564900  | 2,533,255.176900 |
| 378 - 379                                                                                                                                                             | 269.93                | 38°40'22"SE | 379         | 387,959.237100  | 2,533,044.435900 |
| 379 - 380                                                                                                                                                             | 224.46                | 38°29'27"SE | 380         | 388,098.937300  | 2,532,868.752200 |
| 380 - 381                                                                                                                                                             | 291.31                | 38°48'21"SE | 381         | 388,281.500200  | 2,532,641.739200 |
| 381 - 382                                                                                                                                                             | 254.38                | 38°09'26"SE | 382         | 388,438.663000  | 2,532,441.713800 |
| 382 - 383                                                                                                                                                             | 354.29                | 38°37'59"SE | 383         | 388,659.855100  | 2,532,164.959100 |
| 383 - 384                                                                                                                                                             | 373.79                | 38°44'08"SE | 384         | 388,893.747300  | 2,531,873.387700 |
| 384 - 385                                                                                                                                                             | 296.52                | 38°54'55"SE | 385         | 389,080.014300  | 2,531,642.670600 |
| 385 - 386                                                                                                                                                             | 163.76                | 40°01'08"SE | 386         | 389,185.318700  | 2,531,517.257800 |
| 386 - 387                                                                                                                                                             | 23.29                 | 21°19'04"SE | 387         | 389,193.785400  | 2,531,495.562000 |
| 387 - 388                                                                                                                                                             | 117.78                | 40°59'31"SE | 388         | 389,271.043900  | 2,531,406.661800 |
| 388 - 389                                                                                                                                                             | 250.43                | 37°47'24"SE | 389         | 389,424.502500  | 2,531,208.753000 |
| 389 - 390                                                                                                                                                             | 258.84                | 39°01'32"SE | 390         | 389,587.486200  | 2,531,007.669300 |
| 390 - 391                                                                                                                                                             | 143.55                | 38°15'50"SE | 391         | 389,676.386300  | 2,530,894.956600 |
| 391 - 392                                                                                                                                                             | 248.79                | 39°43'00"SE | 392         | 389,835.363400  | 2,530,703.581700 |
| 392 - 393                                                                                                                                                             | 119.43                | 36°11'28"SE | 393         | 389,905.886600  | 2,530,607.193500 |
| 393 - 394                                                                                                                                                             | 39.10                 | 31°13'02"SE | 394         | 389,926.153500  | 2,530,573.751800 |
| 394 - 395                                                                                                                                                             | 160.36                | 42°03'26"SE | 395         | 390,033.574500  | 2,530,454.689000 |
| 395 - 396                                                                                                                                                             | 86.62                 | 41°17'05"SE | 396         | 390,090.724700  | 2,530,389.601400 |
| 396 - 397                                                                                                                                                             | 149.97                | 39°50'27"SE | 397         | 390,186.806900  | 2,530,274.447100 |
| 397 - 398                                                                                                                                                             | 125.97                | 37°05'45"SE | 398         | 390,262.788200  | 2,530,173.966800 |
| 398 - 399                                                                                                                                                             | 18.72                 | 58°14'41"NE | 399         | 390,278.705400  | 2,530,183.818600 |
| 399 - 400                                                                                                                                                             | 176.99                | 38°43'48"SE | 400         | 390,389.437900  | 2,530,045.750500 |
| 400 - 401                                                                                                                                                             | 306.37                | 38°25'42"SE | 401         | 390,579.860700  | 2,529,805.741800 |
| 401 - 402                                                                                                                                                             | 26.33                 | 51°41'48"SW | 402         | 390,559.195600  | 2,529,789.419600 |
| 402 - 403                                                                                                                                                             | 102.11                | 41°26'50"SE | 403         | 390,626.783600  | 2,529,712.883600 |
| 403 - 404                                                                                                                                                             | 22.52                 | 47°51'56"NE | 404         | 390,643.483100  | 2,529,727.991000 |
| 404 - 405                                                                                                                                                             | 318.73                | 40°25'07"SE | 405         | 390,850.137100  | 2,529,485.334700 |
| 405 - 406                                                                                                                                                             | 144.46                | 41°22'55"SE | 406         | 390,945.634500  | 2,529,376.946000 |
| 406 - 407                                                                                                                                                             | 624.66                | 39°42'30"SE | 407         | 391,344.717100  | 2,528,896.394000 |
| 407 - 408                                                                                                                                                             | 130.84                | 36°54'32"SE | 408         | 391,423.293900  | 2,528,791.774300 |
| 408 - 409                                                                                                                                                             | 72.31                 | 49°15'18"SW | 409         | 391,368.513500  | 2,528,744.580900 |
| 409 - 410                                                                                                                                                             | 28.24                 | 49°15'18"SW | 410         | 391,347.117000  | 2,528,726.147800 |
| 410 - 411                                                                                                                                                             | 305.33                | 36°40'35"SE | 411         | 391,529.490200  | 2,528,481.265600 |
| 411 - 412                                                                                                                                                             | 351.26                | 34°41'07"SE | 412         | 391,729.383400  | 2,528,192.424800 |
| 412 - 413                                                                                                                                                             | 662.72                | 34°38'53"SE | 413         | 392,106.164700  | 2,527,647.232700 |
| 413 - 414                                                                                                                                                             | 609.22                | 34°05'18"SE | 414         | 392,447.617400  | 2,527,142.692000 |
| 414 - 415                                                                                                                                                             | 815.00                | 32°16'21"SE | 415         | 392,882.787900  | 2,526,453.594200 |
| 415 - 416                                                                                                                                                             | 354.46                | 35°06'54"SE | 416         | 393,086.680300  | 2,526,163.649000 |
| 416 - 417                                                                                                                                                             | 308.13                | 28°05'41"SE | 417         | 393,231.790200  | 2,525,891.823600 |
| 417 - 418                                                                                                                                                             | 46.83                 | 24°39'29"SE | 418         | 393,251.329000  | 2,525,849.261600 |
| 418 - 419                                                                                                                                                             | 61.32                 | 42°38'27"SW | 419         | 393,209.790700  | 2,525,804.153800 |
| A partir de este vértice se continúa por la línea de costa, con un rumbo general Suroeste y una distancia aproximada de 53,449.04 metros hasta llegar al vértice 420. |                       |             |             |                 |                  |
|                                                                                                                                                                       |                       |             | 420         | 356,836.813500  | 2,564,604.700700 |
| 420 - 421                                                                                                                                                             | 76.70                 | 21°07'05"NE | 421         | 356,864.447000  | 2,564,676.246900 |
| 421 - 1                                                                                                                                                               | 6.69                  | 19°16'35"NE | 1           |                 |                  |

**Zona de Amortiguamiento****“Río Presidio Norte”****(Superficie 39-00-41.77 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 367,804.329000  | 2,555,446.733800 |
| 1 - 2   | 47°27'31"SE | 225.55                | 2               | 367,970.511000  | 2,555,294.236100 |
| 2 - 3   | 25°58'55"NE | 231.57                | 3               | 368,071.957700  | 2,555,502.397700 |
| 3 - 4   | 63°19'08"NE | 56.68                 | 4               | 368,122.601000  | 2,555,527.847700 |
| 4 - 5   | 33°32'27"NE | 36.12                 | 5               | 368,142.560000  | 2,555,557.955800 |
| 5 - 6   | 55°07'25"NE | 109.90                | 6               | 368,232.717000  | 2,555,620.794500 |
| 6 - 7   | 57°44'50"NE | 102.38                | 7               | 368,319.302000  | 2,555,675.431100 |
| 7 - 8   | 23°18'21"SW | 248.11                | 8               | 368,221.140700  | 2,555,447.567900 |
| 8 - 9   | 23°08'45"SW | 153.77                | 9               | 368,160.697000  | 2,555,306.174900 |
| 9 - 10  | 09°42'26"SW | 84.29                 | 10              | 368,146.483700  | 2,555,223.087700 |
| 10 - 11 | 22°09'02"SE | 18.77                 | 11              | 368,153.559200  | 2,555,205.707000 |
| 11 - 12 | 21°05'00"SW | 246.79                | 12              | 368,064.782100  | 2,554,975.438100 |
| 12 - 13 | 38°33'43"SW | 179.70                | 13              | 367,952.763200  | 2,554,834.923300 |
| 13 - 14 | 21°13'58"SW | 345.43                | 14              | 367,827.662300  | 2,554,512.942300 |
| 14 - 15 | 16°03'39"NW | 33.19                 | 15              | 367,818.479600  | 2,554,544.838200 |
| 15 - 16 | 29°19'13"NW | 55.38                 | 16              | 367,791.359700  | 2,554,593.124700 |
| 16 - 17 | 65°22'35"NW | 34.93                 | 17              | 367,759.609600  | 2,554,607.676800 |
| 17 - 18 | 74°23'20"SW | 46.70                 | 18              | 367,714.630400  | 2,554,595.109100 |
| 18 - 19 | 52°00'59"SW | 61.26                 | 19              | 367,666.343800  | 2,554,557.405900 |
| 19 - 20 | 56°39'33"NW | 60.17                 | 20              | 367,616.072900  | 2,554,590.478900 |
| 20 - 21 | 21°17'50"NW | 41.89                 | 21              | 367,600.859300  | 2,554,629.505000 |
| 21 - 22 | 05°34'19"NE | 54.50                 | 22              | 367,606.151000  | 2,554,683.744700 |
| 22 - 23 | 67°55'10"NW | 75.66                 | 23              | 367,536.036300  | 2,554,712.187400 |
| 23 - 24 | 52°15'11"SW | 51.86                 | 24              | 367,495.025800  | 2,554,680.437400 |
| 24 - 25 | 42°08'15"NW | 37.46                 | 25              | 367,469.890300  | 2,554,708.218700 |
| 25 - 26 | 87°32'03"NW | 25.66                 | 26              | 367,444.253200  | 2,554,709.322700 |
| 26 - 27 | 15°13'22"NE | 15.13                 | 27              | 367,448.225800  | 2,554,723.921300 |
| 27 - 28 | 23°50'00"NE | 59.59                 | 28              | 367,472.303000  | 2,554,778.425600 |
| 28 - 29 | 16°14'52"NE | 78.91                 | 29              | 367,494.381600  | 2,554,854.183800 |
| 29 - 30 | 16°07'58"NE | 18.86                 | 30              | 367,499.622000  | 2,554,872.300600 |
| 30 - 31 | 14°17'49"NE | 42.62                 | 31              | 367,510.147500  | 2,554,913.602500 |
| 31 - 32 | 29°33'33"NE | 100.98                | 32              | 367,559.965100  | 2,555,001.442600 |
| 32 - 33 | 34°40'51"NE | 87.30                 | 33              | 367,609.640000  | 2,555,073.233100 |
| 33 - 34 | 25°59'50"NE | 152.08                | 34              | 367,676.300200  | 2,555,209.922800 |
| 34 - 35 | 49°39'13"NE | 19.37                 | 35              | 367,691.064200  | 2,555,222.464100 |
| 35 - 1  | 26°47'43"NE | 251.25                | 1               |                 |                  |

**Zona de Amortiguamiento****“Río Presidio Centro”****(Superficie 9-63-37.66 hectáreas)**

| Est-PV                                                                                                                                                                     | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                            |                       |             |             | X               | Y                |
|                                                                                                                                                                            |                       |             | 1           | 367,759.609600  | 2,554,607.676800 |
| 1 - 2                                                                                                                                                                      | 34.93                 | 65°22'35"SE | 2           | 367,791.359700  | 2,554,593.124700 |
| 2 - 3                                                                                                                                                                      | 55.38                 | 29°19'13"SE | 3           | 367,818.479600  | 2,554,544.838200 |
| 3 - 4                                                                                                                                                                      | 33.19                 | 16°03'39"SE | 4           | 367,827.662300  | 2,554,512.942300 |
| 4 - 5                                                                                                                                                                      | 143.71                | 16°03'39"SE | 5           | 367,867.421700  | 2,554,374.840200 |
| 5 - 6                                                                                                                                                                      | 208.02                | 47°51'46"SE | 6           | 368,021.680000  | 2,554,235.275000 |
| 6 - 7                                                                                                                                                                      | 66.16                 | 07°21'08"SW | 7           | 368,013.213300  | 2,554,169.658200 |
| 7 - 8                                                                                                                                                                      | 0.52                  | 52°27'43"SE | 8           | 368,013.629500  | 2,554,169.338400 |
| 8 - 9                                                                                                                                                                      | 90.89                 | 27°56'04"SW | 9           | 367,971.052600  | 2,554,089.041600 |
| Partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1.500 metros hasta llegar al vértice 10. |                       |             |             |                 |                  |
|                                                                                                                                                                            |                       |             | 10          | 367,593.881700  | 2,554,444.215200 |
| 10 - 11                                                                                                                                                                    | 134.40                | 32°31'04"NE | 11          | 367,666.131000  | 2,554,557.545900 |
| 11 - 12                                                                                                                                                                    | 0.25                  | 56°39'33"SE | 12          | 367,666.343800  | 2,554,557.405900 |
| 12 - 13                                                                                                                                                                    | 61.26                 | 52°00'59"NE | 13          | 367,714.630400  | 2,554,595.109100 |
| 13 - 1                                                                                                                                                                     | 46.70                 | 74°23'20"NE | 1           |                 |                  |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 522.92 metros hasta llegar al vértice 10.

**Zona de Amortiguamiento**  
**“Río Presidio Sur”**  
**(Superficie 111-77-50.88 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 368,164.863500  | 2,554,781.519500 |
| 1 - 2   | 77°16'13"SE | 185.51                | 2            | 368,345.814700  | 2,554,740.642500 |
| 2 - 3   | 45°36'24"SE | 236.39                | 3            | 368,514.731000  | 2,554,575.266300 |
| 3 - 4   | 88°54'57"NE | 91.47                 | 4            | 368,606.184400  | 2,554,576.997000 |
| 4 - 5   | 57°53'12"NE | 86.98                 | 5            | 368,679.858100  | 2,554,623.236100 |
| 5 - 6   | 54°57'09"NE | 57.39                 | 6            | 368,726.843100  | 2,554,656.193100 |
| 6 - 7   | 79°25'38"SE | 55.56                 | 7            | 368,781.460000  | 2,554,645.998700 |
| 7 - 8   | 28°46'30"SE | 47.94                 | 8            | 368,804.536900  | 2,554,603.978900 |
| 8 - 9   | 02°13'05"SE | 61.74                 | 9            | 368,806.926500  | 2,554,542.288000 |
| 9 - 10  | 26°20'19"SE | 55.39                 | 10           | 368,831.500000  | 2,554,492.652000 |
| 10 - 11 | 56°14'07"SE | 75.47                 | 11           | 368,894.240600  | 2,554,450.707100 |
| 11 - 12 | 71°44'19"SE | 88.63                 | 12           | 368,978.402400  | 2,554,422.936300 |
| 12 - 13 | 89°17'27"SE | 78.69                 | 13           | 369,057.086100  | 2,554,421.962400 |
| 13 - 14 | 18°18'57"SE | 123.12                | 14           | 369,095.778600  | 2,554,305.076400 |
| 14 - 15 | 45°13'28"SW | 89.41                 | 15           | 369,032.307700  | 2,554,242.100900 |
| 15 - 16 | 03°42'25"SE | 37.27                 | 16           | 369,034.717500  | 2,554,204.908900 |
| 16 - 17 | 32°13'50"SE | 38.66                 | 17           | 369,055.337400  | 2,554,172.203900 |
| 17 - 18 | 54°38'15"SE | 64.29                 | 18           | 369,107.766000  | 2,554,134.996600 |
| 18 - 19 | 48°30'43"SE | 54.09                 | 19           | 369,148.288200  | 2,554,099.160800 |
| 19 - 20 | 18°52'52"SE | 31.79                 | 20           | 369,158.576000  | 2,554,069.080700 |
| 20 - 21 | 04°35'35"SW | 158.80                | 21           | 369,145.859100  | 2,553,910.793300 |
| 21 - 22 | 25°34'45"SE | 202.21                | 22           | 369,233.166900  | 2,553,728.399700 |
| 22 - 23 | 10°50'21"SE | 210.66                | 23           | 369,272.782300  | 2,553,521.502000 |
| 23 - 24 | 33°43'14"SE | 103.18                | 24           | 369,330.064900  | 2,553,435.677800 |
| 24 - 25 | 61°25'25"SE | 74.33                 | 25           | 369,395.344100  | 2,553,400.121400 |
| 25 - 26 | 18°18'57"SE | 428.58                | 26           | 369,530.030000  | 2,552,993.249800 |
| 26 - 27 | 60°50'48"SE | 316.97                | 27           | 369,806.848200  | 2,552,838.837700 |
| 27 - 28 | 85°47'22"NW | 83.59                 | 28           | 369,723.483400  | 2,552,844.975000 |
| 28 - 29 | 54°21'36"NW | 138.04                | 29           | 369,611.299800  | 2,552,925.408500 |
| 29 - 30 | 51°50'01"NW | 191.82                | 30           | 369,460.487000  | 2,553,043.942100 |
| 30 - 31 | 52°43'51"NW | 197.49                | 31           | 369,303.324200  | 2,553,163.534000 |
| 31 - 32 | 48°07'01"NW | 100.93                | 32           | 369,228.182400  | 2,553,230.914700 |
| 32 - 33 | 52°12'15"NW | 200.90                | 33           | 369,069.432100  | 2,553,354.034400 |
| 33 - 34 | 52°36'27"NW | 363.66                | 34           | 368,780.506500  | 2,553,574.873700 |
| 34 - 35 | 43°52'36"NW | 38.17                 | 35           | 368,754.048100  | 2,553,602.390400 |
| 35 - 36 | 58°41'45"NW | 91.66                 | 36           | 368,675.731300  | 2,553,650.015500 |
| 36 - 37 | 50°07'23"NW | 108.95                | 37           | 368,592.122800  | 2,553,719.865700 |
| 37 - 38 | 56°28'10"NW | 105.38                | 38           | 368,504.280900  | 2,553,778.074100 |
| 38 - 39 | 52°32'57"NW | 187.97                | 39           | 368,355.055600  | 2,553,892.374300 |
| 39 - 40 | 17°16'53"NW | 49.88                 | 40           | 368,340.238900  | 2,553,939.999400 |
| 40 - 41 | 53°19'03"NW | 129.33                | 41           | 368,236.522100  | 2,554,017.257900 |
| 41 - 42 | 54°07'48"NW | 84.89                 | 42           | 368,167.730300  | 2,554,066.999700 |
| 42 - 43 | 29°28'33"NW | 55.92                 | 43           | 368,140.213500  | 2,554,115.683100 |
| 43 - 44 | 48°39'07"SW | 35.24                 | 44           | 368,113.755100  | 2,554,092.399700 |
| 44 - 45 | 52°27'37"NW | 126.80                | 45           | 368,013.213300  | 2,554,169.658200 |
| 45 - 46 | 07°21'08"NE | 66.16                 | 46           | 368,021.680000  | 2,554,235.275000 |
| 46 - 47 | 47°51'46"NW | 208.02                | 47           | 367,867.421700  | 2,554,374.840200 |
| 47 - 48 | 21°22'59"NE | 51.54                 | 48           | 367,886.211600  | 2,554,422.827700 |
| 48 - 49 | 56°15'16"NE | 60.04                 | 49           | 367,936.133400  | 2,554,456.178700 |
| 49 - 50 | 14°30'38"NE | 88.81                 | 50           | 367,958.384400  | 2,554,542.151500 |
| 50 - 1  | 40°46'51"NE | 316.12                | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“Huizache 1”**  
**(Superficie 00-51-53.43 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 372,786.198600  | 2,550,233.872000 |
| 1 - 2   | 49°30'11"SE | 0.74                  | 2            | 372,786.763600  | 2,550,233.389500 |
| 2 - 3   | 46°02'29"SE | 120.80                | 3            | 372,873.717900  | 2,550,149.540700 |
| 3 - 4   | 48°13'58"SE | 158.99                | 4            | 372,992.301700  | 2,550,043.636600 |
| 4 - 5   | 43°37'52"SE | 81.70                 | 5            | 373,048.678500  | 2,549,984.499900 |
| 5 - 6   | 48°38'05"SE | 130.39                | 6            | 373,146.535600  | 2,549,898.333400 |
| 6 - 7   | 64°03'41"SE | 11.16                 | 7            | 373,156.574200  | 2,549,893.450600 |
| 7 - 8   | 41°19'51"SW | 14.57                 | 8            | 373,146.949500  | 2,549,882.507000 |
| 8 - 9   | 45°53'22"NW | 39.03                 | 9            | 373,118.926700  | 2,549,909.672800 |
| 9 - 10  | 47°36'23"NW | 159.42                | 10           | 373,001.186800  | 2,550,017.160000 |
| 10 - 11 | 46°23'33"NW | 144.34                | 11           | 372,896.676200  | 2,550,116.709700 |
| 11 - 12 | 47°33'59"NW | 151.46                | 12           | 372,784.889500  | 2,550,218.905200 |
| 12 - 13 | 46°59'58"NW | 10.80                 | 13           | 372,776.988500  | 2,550,226.273100 |
| 13 - 1  | 50°28'30"NE | 11.94                 | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“Huizache 2”**  
**(Superficie 23-48-01.68 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 373,295.931500  | 2,549,753.014100 |
| 1 - 2   | 45°05'51"SE | 50.66                 | 2            | 373,331.815500  | 2,549,717.252100 |
| 2 - 3   | 46°44'23"SE | 242.39                | 3            | 373,508.332800  | 2,549,551.141600 |
| 3 - 4   | 45°01'08"SE | 79.80                 | 4            | 373,564.776600  | 2,549,494.735300 |
| 4 - 5   | 48°37'15"SE | 148.50                | 5            | 373,676.200900  | 2,549,396.574500 |
| 5 - 6   | 47°37'28"SE | 77.82                 | 6            | 373,733.689300  | 2,549,344.125600 |
| 6 - 7   | 47°20'42"SE | 84.52                 | 7            | 373,795.846100  | 2,549,286.859500 |
| 7 - 8   | 67°26'11"SE | 92.45                 | 8            | 373,881.221200  | 2,549,251.385000 |
| 8 - 9   | 47°20'11"SE | 32.81                 | 9            | 373,905.344500  | 2,549,229.153100 |
| 9 - 10  | 44°22'00"SE | 170.77                | 10           | 374,024.753300  | 2,549,107.075600 |
| 10 - 11 | 43°07'54"SE | 67.55                 | 11           | 374,070.937300  | 2,549,057.777400 |
| 11 - 12 | 43°07'54"SE | 129.73                | 12           | 374,159.631900  | 2,548,963.102000 |
| 12 - 13 | 43°07'53"SE | 129.57                | 13           | 374,248.218400  | 2,548,868.541100 |
| 13 - 14 | 43°07'55"SE | 128.98                | 14           | 374,336.399700  | 2,548,774.414000 |
| 14 - 15 | 44°35'41"SE | 131.19                | 15           | 374,428.505400  | 2,548,680.996200 |
| 15 - 16 | 44°35'37"SE | 128.59                | 16           | 374,518.787400  | 2,548,589.425200 |
| 16 - 17 | 44°35'39"SE | 129.89                | 17           | 374,609.980600  | 2,548,496.931400 |
| 17 - 18 | 44°35'39"SE | 130.21                | 18           | 374,701.397900  | 2,548,404.210000 |
| 18 - 19 | 44°35'37"SE | 129.82                | 19           | 374,792.539800  | 2,548,311.766500 |
| 19 - 20 | 44°35'40"SE | 129.39                | 20           | 374,883.384700  | 2,548,219.626400 |
| 20 - 21 | 45°26'55"SE | 121.07                | 21           | 374,969.663700  | 2,548,134.688700 |
| 21 - 22 | 45°26'53"SE | 120.09                | 22           | 375,055.243500  | 2,548,050.437100 |
| 22 - 23 | 45°26'55"SE | 119.84                | 23           | 375,140.645600  | 2,547,966.362700 |
| 23 - 24 | 45°26'54"SE | 120.15                | 24           | 375,226.269500  | 2,547,882.068800 |
| 24 - 25 | 45°26'55"SE | 119.43                | 25           | 375,311.374800  | 2,547,798.285900 |
| 25 - 26 | 45°26'54"SE | 121.15                | 26           | 375,397.705100  | 2,547,713.296200 |
| 26 - 27 | 45°26'55"SE | 120.89                | 27           | 375,483.856700  | 2,547,628.483700 |
| 27 - 28 | 43°20'42"SE | 118.09                | 28           | 375,564.913000  | 2,547,542.604600 |
| 28 - 29 | 43°20'45"SE | 121.10                | 29           | 375,648.035400  | 2,547,454.539100 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 29 - 30 | 43°20'42"SE | 121.07                | 30           | 375,731.134100  | 2,547,366.496200 |
| 30 - 31 | 43°20'42"SE | 189.75                | 31           | 375,861.375300  | 2,547,228.505600 |
| 31 - 32 | 43°20'44"SE | 189.47                | 32           | 375,991.429300  | 2,547,090.715400 |
| 32 - 33 | 43°20'43"SE | 190.06                | 33           | 376,121.883300  | 2,546,952.501300 |
| 33 - 34 | 43°20'43"SE | 190.52                | 34           | 376,252.655100  | 2,546,813.950200 |
| 34 - 35 | 43°20'43"SE | 189.62                | 35           | 376,382.806600  | 2,546,676.055800 |
| 35 - 36 | 43°20'43"SE | 190.11                | 36           | 376,513.297500  | 2,546,537.801600 |
| 36 - 37 | 42°36'18"SE | 188.85                | 37           | 376,641.136700  | 2,546,398.802900 |
| 37 - 38 | 42°36'16"SE | 191.15                | 38           | 376,770.529700  | 2,546,258.111700 |
| 38 - 39 | 42°36'19"SE | 189.83                | 39           | 376,899.037600  | 2,546,118.387300 |
| 39 - 40 | 42°36'15"SE | 189.04                | 40           | 377,027.007300  | 2,545,979.242900 |
| 40 - 41 | 42°36'17"SE | 190.75                | 41           | 377,156.134700  | 2,545,838.842100 |
| 41 - 42 | 42°36'18"SE | 23.94                 | 42           | 377,172.338200  | 2,545,821.224100 |
| 42 - 43 | 50°08'28"SW | 36.27                 | 43           | 377,144.492700  | 2,545,797.975800 |
| 43 - 44 | 43°40'57"NW | 26.93                 | 44           | 377,125.890000  | 2,545,817.454300 |
| 44 - 45 | 42°47'34"NW | 120.11                | 45           | 377,044.292800  | 2,545,905.593000 |
| 45 - 46 | 43°23'50"NW | 270.92                | 46           | 376,858.158100  | 2,546,102.443300 |
| 46 - 47 | 38°23'11"NW | 38.99                 | 47           | 376,833.948700  | 2,546,133.002800 |
| 47 - 48 | 43°22'20"NW | 207.47                | 48           | 376,691.470300  | 2,546,283.815600 |
| 48 - 49 | 44°16'47"NW | 156.33                | 49           | 376,582.329400  | 2,546,395.734600 |
| 49 - 50 | 44°14'39"NW | 106.37                | 50           | 376,508.113600  | 2,546,471.934700 |
| 50 - 51 | 41°12'35"NW | 89.16                 | 51           | 376,449.376000  | 2,546,539.006700 |
| 51 - 52 | 64°39'13"NW | 25.03                 | 52           | 376,426.754100  | 2,546,549.722400 |
| 52 - 53 | 44°16'29"NW | 66.52                 | 53           | 376,380.319600  | 2,546,597.347500 |
| 53 - 54 | 04°45'48"NW | 9.56                  | 54           | 376,379.525900  | 2,546,606.872500 |
| 54 - 55 | 45°00'00"NW | 89.80                 | 55           | 376,316.025800  | 2,546,670.372600 |
| 55 - 56 | 46°11'36"NW | 26.95                 | 56           | 376,296.578800  | 2,546,689.025800 |
| 56 - 57 | 25°42'35"NW | 23.79                 | 57           | 376,286.260100  | 2,546,710.457100 |
| 57 - 58 | 41°32'43"NW | 107.12                | 58           | 376,215.219300  | 2,546,790.626000 |
| 58 - 59 | 58°46'05"NW | 43.63                 | 59           | 376,177.913000  | 2,546,813.247900 |
| 59 - 60 | 26°33'54"NW | 23.96                 | 60           | 376,167.197300  | 2,546,834.679200 |
| 60 - 61 | 41°18'05"NW | 73.96                 | 61           | 376,118.381600  | 2,546,890.241800 |
| 61 - 62 | 47°18'17"NW | 90.72                 | 62           | 376,051.706500  | 2,546,951.757500 |
| 62 - 63 | 42°29'32"NW | 76.97                 | 63           | 375,999.715800  | 2,547,008.510800 |
| 63 - 64 | 45°48'01"NW | 140.61                | 64           | 375,898.909300  | 2,547,106.539100 |
| 64 - 65 | 12°12'01"NW | 15.02                 | 65           | 375,895.734300  | 2,547,121.223500 |
| 65 - 66 | 45°39'30"NW | 97.67                 | 66           | 375,825.884200  | 2,547,189.486100 |
| 66 - 67 | 29°44'41"NW | 25.60                 | 67           | 375,813.184100  | 2,547,211.711200 |
| 67 - 68 | 50°18'52"NW | 48.48                 | 68           | 375,775.877800  | 2,547,242.667500 |
| 68 - 69 | 43°15'30"NW | 166.21                | 69           | 375,661.974500  | 2,547,363.714600 |
| 69 - 70 | 43°41'06"NW | 171.23                | 70           | 375,543.705500  | 2,547,487.539900 |
| 70 - 71 | 87°08'14"SW | 7.95                  | 71           | 375,535.767900  | 2,547,487.143000 |
| 71 - 72 | 48°21'59"NW | 28.67                 | 72           | 375,514.336700  | 2,547,506.193000 |
| 72 - 73 | 20°49'42"NW | 39.07                 | 73           | 375,500.446000  | 2,547,542.705600 |
| 73 - 74 | 77°28'16"NW | 25.61                 | 74           | 375,475.442800  | 2,547,548.261900 |
| 74 - 75 | 45°35'26"NW | 27.22                 | 75           | 375,455.995900  | 2,547,567.311900 |
| 75 - 76 | 11°00'12"NE | 14.56                 | 76           | 375,458.774000  | 2,547,581.599400 |
| 76 - 77 | 41°40'08"NW | 53.13                 | 77           | 375,423.452100  | 2,547,621.287000 |
| 77 - 78 | 68°14'30"NW | 24.66                 | 78           | 375,400.550000  | 2,547,630.427800 |
| 78 - 79 | 53°53'57"NW | 29.62                 | 79           | 375,376.620800  | 2,547,647.877700 |
| 79 - 80 | 25°26'23"NW | 35.06                 | 80           | 375,361.558400  | 2,547,679.542300 |
| 80 - 81 | 47°32'39"NW | 49.51                 | 81           | 375,325.026900  | 2,547,712.965300 |
| 81 - 82 | 60°35'33"NW | 25.06                 | 82           | 375,303.198700  | 2,547,725.268500 |
| 82 - 83 | 25°29'50"NW | 28.58                 | 83           | 375,290.895600  | 2,547,751.065400 |

| Est-PV    | Rumbo      | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|------------|-----------------------|--------------|-----------------|------------------|
|           |            |                       |              | X               | Y                |
| 83 - 84   | 45°23'13"N | 83.07                 | 84           | 375,231.761100  | 2,547,809.406100 |
| 84 - 85   | 86°59'14"S | 15.10                 | 85           | 375,216.679800  | 2,547,808.612400 |
| 85 - 86   | 51°20'24"N | 12.71                 | 86           | 375,206.757900  | 2,547,816.549900 |
| 86 - 87   | 36°16'11"N | 75.81                 | 87           | 375,161.911000  | 2,547,877.668800 |
| 87 - 88   | 44°32'38"N | 141.07                | 88           | 375,062.956600  | 2,547,978.210600 |
| 88 - 89   | 44°09'20"N | 111.10                | 89           | 374,985.565800  | 2,548,057.916500 |
| 89 - 90   | 47°47'19"N | 81.71                 | 90           | 374,925.042200  | 2,548,112.817700 |
| 90 - 91   | 36°20'32"N | 57.48                 | 91           | 374,890.977100  | 2,548,159.119900 |
| 91 - 92   | 46°38'49"N | 146.46                | 92           | 374,784.482100  | 2,548,259.661700 |
| 92 - 93   | 42°51'40"N | 56.40                 | 93           | 374,746.117400  | 2,548,301.003000 |
| 93 - 94   | 45°10'12"N | 78.81                 | 94           | 374,690.224100  | 2,548,356.565600 |
| 94 - 95   | 45°31'46"N | 126.52                | 95           | 374,599.934800  | 2,548,445.201200 |
| 95 - 96   | 45°19'12"N | 125.59                | 96           | 374,510.637800  | 2,548,533.506000 |
| 96 - 97   | 43°15'16"N | 84.46                 | 97           | 374,452.760100  | 2,548,595.021800 |
| 97 - 98   | 07°51'12"N | 19.36                 | 98           | 374,450.114200  | 2,548,614.204100 |
| 98 - 99   | 54°07'36"N | 72.24                 | 99           | 374,391.575000  | 2,548,656.537500 |
| 99 - 100  | 42°27'18"N | 42.14                 | 100          | 374,363.132300  | 2,548,687.626100 |
| 100 - 101 | 30°57'49"N | 38.57                 | 101          | 374,343.288500  | 2,548,720.699100 |
| 101 - 102 | 47°25'59"N | 82.63                 | 102          | 374,282.434200  | 2,548,776.592400 |
| 102 - 103 | 49°01'56"N | 89.79                 | 103          | 374,214.634600  | 2,548,835.462400 |
| 103 - 104 | 25°58'28"N | 28.70                 | 104          | 374,202.066800  | 2,548,861.259300 |
| 104 - 105 | 56°24'39"N | 52.01                 | 105          | 374,158.741200  | 2,548,890.032800 |
| 105 - 106 | 43°52'04"N | 118.36                | 106          | 374,076.720200  | 2,548,975.361100 |
| 106 - 107 | 45°28'32"N | 197.15                | 107          | 373,936.160100  | 2,549,113.606100 |
| 107 - 108 | 41°52'26"N | 124.37                | 108          | 373,853.146900  | 2,549,206.210500 |
| 108 - 109 | 47°08'51"N | 149.78                | 109          | 373,743.344600  | 2,549,308.075300 |
| 109 - 110 | 47°12'37"N | 66.70                 | 110          | 373,694.396600  | 2,549,353.385300 |
| 110 - 111 | 35°21'07"N | 49.94                 | 111          | 373,665.500800  | 2,549,394.117800 |
| 111 - 112 | 61°27'58"N | 30.35                 | 112          | 373,638.833900  | 2,549,408.617100 |
| 112 - 113 | 43°47'44"N | 77.89                 | 113          | 373,584.925000  | 2,549,464.841200 |
| 113 - 114 | 46°10'43"N | 113.68                | 114          | 373,502.904000  | 2,549,543.554900 |
| 114 - 115 | 50°17'12"N | 78.68                 | 115          | 373,442.380400  | 2,549,593.825900 |
| 115 - 116 | 47°07'49"N | 106.95                | 116          | 373,363.997500  | 2,549,666.586400 |
| 116 - 117 | 42°46'56"N | 102.74                | 117          | 373,294.213500  | 2,549,741.992800 |
| 117 - 118 | 46°53'40"N | 6.93                  | 118          | 373,289.154000  | 2,549,746.728300 |
| 118 - 1   | 47°09'20"E | 9.24                  | 1            |                 |                  |

**Zona de Amortiguamiento****“Caimanero 1”****(Superficie 1-02-56.83 hectáreas)**

| Est-PV | Rumbo      | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|------------|-----------------------|--------------|-----------------|------------------|
|        |            |                       |              | X               | Y                |
|        |            |                       | 1            | 390,278.705400  | 2,530,183.818700 |
| 1 - 2  | 38°43'48"E | 176.99                | 2            | 390,389.437900  | 2,530,045.750600 |
| 2 - 3  | 38°25'42"E | 306.37                | 3            | 390,579.860700  | 2,529,805.741900 |
| 3 - 4  | 51°41'48"S | 26.33                 | 4            | 390,559.195600  | 2,529,789.419700 |
| 4 - 5  | 37°01'53"N | 134.69                | 5            | 390,478.075400  | 2,529,896.946400 |
| 5 - 6  | 35°23'41"N | 98.67                 | 6            | 390,420.925300  | 2,529,977.379800 |
| 6 - 7  | 40°41'21"N | 74.67                 | 7            | 390,372.241900  | 2,530,034.000800 |
| 7 - 8  | 38°01'55"N | 176.40                | 8            | 390,263.559100  | 2,530,172.947400 |
| 8 - 9  | 37°05'41"N | 1.28                  | 9            | 390,262.788200  | 2,530,173.966900 |
| 9 - 1  | 58°14'41"E | 18.72                 | 1            |                 |                  |

**Zona de Amortiguamiento****“Caimanero 2”****(Superficie 6-52-73.73 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 390,643.483100  | 2,529,727.991100 |
| 1 - 2   | 40°25'07"SE | 318.73                | 2            | 390,850.137100  | 2,529,485.334800 |
| 2 - 3   | 41°22'55"SE | 144.46                | 3            | 390,945.634500  | 2,529,376.946100 |
| 3 - 4   | 39°42'30"SE | 624.66                | 4            | 391,344.717100  | 2,528,896.394100 |
| 4 - 5   | 36°54'32"SE | 130.84                | 5            | 391,423.293900  | 2,528,791.774400 |
| 5 - 6   | 49°15'18"SW | 72.31                 | 6            | 391,368.513500  | 2,528,744.581000 |
| 6 - 7   | 37°35'39"NW | 240.89                | 7            | 391,221.556100  | 2,528,935.448600 |
| 7 - 8   | 37°30'14"NW | 458.92                | 8            | 390,942.155500  | 2,529,299.516000 |
| 8 - 9   | 37°39'03"NW | 201.84                | 9            | 390,818.859500  | 2,529,459.324600 |
| 9 - 10  | 37°55'46"NW | 194.56                | 10           | 390,699.267500  | 2,529,612.783300 |
| 10 - 11 | 35°34'04"NW | 116.45                | 11           | 390,631.534100  | 2,529,707.504300 |
| 11 - 12 | 41°26'50"NW | 7.18                  | 12           | 390,626.783600  | 2,529,712.883700 |
| 12 - 1  | 47°51'56"NE | 22.52                 | 1            |                 |                  |

**Zona Núcleo****“Isla de la Piedra-Huizache Caimanero 1”****(Superficie 96-09-05.36 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 356,866.655600  | 2,564,682.562100 |
| 1 - 2   | 62.64                 | 71°22'43"SE | 2           | 356,926.017400  | 2,564,662.560200 |
| 2 - 3   | 181.28                | 66°59'02"SE | 3           | 357,092.869700  | 2,564,591.681000 |
| 3 - 4   | 127.75                | 64°08'25"SE | 4           | 357,207.827900  | 2,564,535.960300 |
| 4 - 5   | 147.59                | 62°37'15"SE | 5           | 357,338.884900  | 2,564,468.087300 |
| 5 - 6   | 148.36                | 58°08'30"SE | 6           | 357,464.892300  | 2,564,389.782100 |
| 6 - 7   | 115.75                | 55°47'35"SE | 7           | 357,560.623400  | 2,564,324.707000 |
| 7 - 8   | 89.84                 | 53°06'13"SE | 8           | 357,632.469800  | 2,564,270.770700 |
| 8 - 9   | 186.23                | 52°19'20"SE | 9           | 357,779.863800  | 2,564,156.944000 |
| 9 - 10  | 74.62                 | 52°00'14"SE | 10          | 357,838.665000  | 2,564,111.009900 |
| 10 - 11 | 81.55                 | 51°05'27"SE | 11          | 357,902.122500  | 2,564,059.789500 |
| 11 - 12 | 73.78                 | 44°34'39"SE | 12          | 357,953.906600  | 2,564,007.236500 |
| 12 - 13 | 202.23                | 49°06'02"SE | 13          | 358,106.762100  | 2,563,874.832600 |
| 13 - 14 | 150.33                | 47°42'51"SE | 14          | 358,217.979500  | 2,563,773.683200 |
| 14 - 15 | 141.37                | 49°19'22"SE | 15          | 358,325.190800  | 2,563,681.541200 |
| 15 - 16 | 134.59                | 46°16'52"SE | 16          | 358,422.467500  | 2,563,588.520200 |
| 16 - 17 | 119.50                | 48°33'59"SE | 17          | 358,512.056100  | 2,563,509.443900 |
| 17 - 18 | 225.94                | 47°26'36"SE | 18          | 358,678.488200  | 2,563,356.635200 |
| 18 - 19 | 258.80                | 47°21'25"SE | 19          | 358,868.858900  | 2,563,181.316700 |
| 19 - 20 | 130.55                | 47°48'53"SE | 20          | 358,965.590900  | 2,563,093.651500 |
| 20 - 21 | 154.03                | 48°12'47"SE | 21          | 359,080.442700  | 2,562,991.010000 |
| 21 - 22 | 176.14                | 48°10'05"SE | 22          | 359,211.684300  | 2,562,873.535800 |
| 22 - 23 | 220.01                | 47°48'06"SE | 23          | 359,374.672400  | 2,562,725.756200 |
| 23 - 24 | 142.36                | 48°07'44"SE | 24          | 359,480.684600  | 2,562,630.734200 |
| 24 - 25 | 132.93                | 49°06'41"SE | 25          | 359,581.180400  | 2,562,543.717500 |
| 25 - 26 | 154.95                | 49°14'28"SE | 26          | 359,698.548400  | 2,562,442.555700 |
| 26 - 27 | 175.12                | 48°05'50"SE | 27          | 359,828.887500  | 2,562,325.598600 |
| 27 - 28 | 159.65                | 48°33'36"SE | 28          | 359,948.571000  | 2,562,219.935800 |
| 28 - 29 | 190.67                | 48°23'22"SE | 29          | 360,091.128200  | 2,562,093.321100 |
| 29 - 30 | 147.02                | 48°14'36"SE | 30          | 360,200.799000  | 2,561,995.414000 |
| 30 - 31 | 188.52                | 47°59'10"SE | 31          | 360,340.866000  | 2,561,869.236600 |

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
| 31 - 32 | 148.09                | 48°30'19"SE | 32          | 360,451.789500  | 2,561,771.118600 |
| 32 - 33 | 73.07                 | 45°26'36"SE | 33          | 360,503.858000  | 2,561,719.849800 |
| 33 - 34 | 109.23                | 49°39'26"SE | 34          | 360,587.114500  | 2,561,649.136500 |
| 34 - 35 | 128.40                | 48°30'55"SE | 35          | 360,683.306800  | 2,561,564.078900 |
| 35 - 36 | 175.58                | 47°50'29"SE | 36          | 360,813.465000  | 2,561,446.230700 |
| 36 - 37 | 85.58                 | 49°22'42"SE | 37          | 360,878.419300  | 2,561,390.516000 |
| 37 - 38 | 77.68                 | 46°22'49"SE | 38          | 360,934.651500  | 2,561,336.930000 |
| 38 - 39 | 107.37                | 48°10'25"SE | 39          | 361,014.657900  | 2,561,265.330100 |
| 39 - 40 | 119.03                | 47°03'35"SE | 40          | 361,101.796200  | 2,561,184.242300 |
| 40 - 41 | 138.23                | 50°25'30"SE | 41          | 361,208.339600  | 2,561,096.180500 |
| 41 - 42 | 56.66                 | 43°41'10"SE | 42          | 361,247.472400  | 2,561,055.210700 |
| 42 - 43 | 142.78                | 48°37'06"SE | 43          | 361,354.601700  | 2,560,960.825100 |
| 43 - 44 | 360.08                | 48°05'47"SE | 44          | 361,622.596200  | 2,560,720.337200 |
| 44 - 45 | 195.05                | 47°08'34"SE | 45          | 361,765.576800  | 2,560,587.670600 |
| 45 - 46 | 223.73                | 47°55'06"SE | 46          | 361,931.625100  | 2,560,437.731500 |
| 46 - 47 | 171.53                | 48°29'38"SE | 47          | 362,060.084400  | 2,560,324.056700 |
| 47 - 48 | 231.80                | 46°37'08"SE | 48          | 362,228.555500  | 2,560,164.847200 |
| 48 - 49 | 213.30                | 48°21'31"SE | 49          | 362,387.956900  | 2,560,023.119000 |
| 49 - 50 | 221.94                | 47°11'15"SE | 50          | 362,550.769400  | 2,559,872.287300 |
| 50 - 51 | 250.61                | 47°31'34"SE | 51          | 362,735.618200  | 2,559,703.060300 |
| 51 - 52 | 132.75                | 47°31'34"SE | 52          | 362,833.530000  | 2,559,613.423400 |
| 52 - 53 | 76.86                 | 44°35'15"SE | 53          | 362,887.489000  | 2,559,558.682200 |
| 53 - 54 | 116.02                | 49°03'59"SE | 54          | 362,975.135800  | 2,559,482.670300 |
| 54 - 55 | 181.30                | 46°35'27"SE | 55          | 363,106.847100  | 2,559,358.077400 |
| 55 - 56 | 133.24                | 44°42'23"SE | 56          | 363,200.579000  | 2,559,263.380800 |
| 56 - 57 | 184.79                | 47°18'16"SE | 57          | 363,336.396800  | 2,559,138.072000 |
| 57 - 58 | 97.11                 | 47°21'56"SE | 58          | 363,407.843300  | 2,559,072.294800 |
| 58 - 59 | 139.31                | 45°45'42"SE | 59          | 363,507.651800  | 2,558,975.105300 |
| 59 - 60 | 119.40                | 46°15'31"SE | 60          | 363,593.914000  | 2,558,892.552200 |
| 60 - 61 | 230.48                | 45°36'35"SE | 61          | 363,758.615800  | 2,558,731.320100 |
| 61 - 62 | 110.32                | 47°22'05"SE | 62          | 363,839.780000  | 2,558,656.602400 |
| 62 - 63 | 223.03                | 44°16'44"SE | 63          | 363,995.485700  | 2,558,496.927700 |
| 63 - 64 | 86.79                 | 49°31'50"SE | 64          | 364,061.514900  | 2,558,440.594600 |
| 64 - 65 | 37.98                 | 37°49'18"SE | 65          | 364,084.806500  | 2,558,410.590800 |
| 65 - 66 | 159.24                | 45°55'28"SE | 66          | 364,199.210900  | 2,558,299.819900 |
| 66 - 67 | 98.14                 | 42°53'58"SE | 67          | 364,266.014400  | 2,558,227.929800 |
| 67 - 68 | 121.49                | 47°15'10"SE | 68          | 364,355.233500  | 2,558,145.465100 |
| 68 - 69 | 168.11                | 44°07'51"SE | 69          | 364,472.288800  | 2,558,024.803500 |
| 69 - 70 | 308.16                | 45°01'12"SE | 70          | 364,690.267200  | 2,557,806.977800 |
| 70 - 71 | 107.95                | 42°46'47"SE | 71          | 364,763.584400  | 2,557,727.746400 |
| 71 - 72 | 178.82                | 45°57'21"SE | 72          | 364,892.122500  | 2,557,603.427600 |
| 72 - 73 | 405.88                | 44°32'48"SE | 73          | 365,176.848000  | 2,557,314.163100 |
| 73 - 74 | 182.02                | 43°32'12"SE | 74          | 365,302.227500  | 2,557,182.210100 |
| 74 - 75 | 114.78                | 41°46'29"SE | 75          | 365,378.695800  | 2,557,096.609600 |
| 75 - 76 | 39.60                 | 47°05'22"SE | 76          | 365,407.696600  | 2,557,069.650600 |
| 76 - 77 | 172.34                | 43°01'44"SE | 77          | 365,525.299500  | 2,556,943.665200 |
| 77 - 78 | 16.36                 | 77°08'52"NE | 78          | 365,541.251300  | 2,556,947.304600 |
| 78 - 79 | 176.23                | 40°16'36"SE | 79          | 365,655.182400  | 2,556,812.851000 |
| 79 - 80 | 168.40                | 40°29'52"SE | 80          | 365,764.546900  | 2,556,684.792600 |
| 80 - 81 | 170.13                | 43°59'34"SE | 81          | 365,882.712000  | 2,556,562.399300 |
| 81 - 82 | 120.74                | 34°41'36"SE | 82          | 365,951.436900  | 2,556,463.124100 |
| 82 - 83 | 102.37                | 43°28'15"SE | 83          | 366,021.869100  | 2,556,388.828900 |
| 83 - 84 | 122.27                | 42°37'56"SE | 84          | 366,104.683900  | 2,556,298.870400 |
| 84 - 85 | 140.77                | 43°01'11"SE | 85          | 366,200.727800  | 2,556,195.947300 |
| 85 - 86 | 154.11                | 39°33'58"SE | 86          | 366,298.888400  | 2,556,077.149100 |
| 86 - 87 | 128.60                | 43°04'57"SE | 87          | 366,386.730300  | 2,555,983.221900 |



| Est-PV                                                                                                                                                                            | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-----------------|------------------|
|                                                                                                                                                                                   |                       |             |             | X               | Y                |
| 87 - 88                                                                                                                                                                           | 41.68                 | 28°50'33"SE | 88          | 366,406.838700  | 2,555,946.709300 |
| 88 - 89                                                                                                                                                                           | 143.68                | 42°05'20"SE | 89          | 366,503.147200  | 2,555,840.082000 |
| 89 - 90                                                                                                                                                                           | 40.75                 | 31°43'45"SE | 90          | 366,524.578500  | 2,555,805.421500 |
| 90 - 91                                                                                                                                                                           | 108.59                | 37°10'37"SE | 91          | 366,590.195300  | 2,555,718.902600 |
| 91 - 92                                                                                                                                                                           | 87.79                 | 37°17'03"SE | 92          | 366,643.376600  | 2,555,649.052400 |
| 92 - 93                                                                                                                                                                           | 112.11                | 39°03'39"SE | 93          | 366,714.020500  | 2,555,562.004400 |
| 93 - 94                                                                                                                                                                           | 143.26                | 38°37'36"SE | 94          | 366,803.449900  | 2,555,450.085400 |
| 94 - 95                                                                                                                                                                           | 92.22                 | 41°30'38"SE | 95          | 366,864.568700  | 2,555,381.029000 |
| 95 - 96                                                                                                                                                                           | 72.62                 | 35°39'32"SE | 96          | 366,906.902200  | 2,555,322.026800 |
| 96 - 97                                                                                                                                                                           | 40.37                 | 28°34'49"SE | 97          | 366,926.216800  | 2,555,286.572600 |
| 97 - 98                                                                                                                                                                           | 33.74                 | 24°33'19"SE | 98          | 366,940.239700  | 2,555,255.880800 |
| 98 - 99                                                                                                                                                                           | 34.36                 | 54°43'07"SE | 99          | 366,968.285600  | 2,555,236.037000 |
| 99 - 100                                                                                                                                                                          | 32.74                 | 66°19'10"SE | 100         | 366,998.269600  | 2,555,222.887200 |
| 100 - 101                                                                                                                                                                         | 33.58                 | 28°59'19"SE | 101         | 367,014.541500  | 2,555,193.518400 |
| 101 - 102                                                                                                                                                                         | 27.49                 | 68°32'37"SE | 102         | 367,040.124400  | 2,555,183.463600 |
| 102 - 103                                                                                                                                                                         | 34.08                 | 38°09'33"SE | 103         | 367,061.181900  | 2,555,156.665100 |
| 103 - 104                                                                                                                                                                         | 20.60                 | 61°21'28"SE | 104         | 367,079.263900  | 2,555,146.789200 |
| 104 - 105                                                                                                                                                                         | 16.24                 | 38°12'39"SE | 105         | 367,089.310000  | 2,555,134.027900 |
| 105 - 106                                                                                                                                                                         | 36.99                 | 21°50'25"SE | 106         | 367,103.071800  | 2,555,099.691200 |
| 106 - 107                                                                                                                                                                         | 10.14                 | 00°30'33"SW | 107         | 367,102.981700  | 2,555,089.554400 |
| 107 - 108                                                                                                                                                                         | 42.24                 | 00°30'32"SW | 108         | 367,102.606400  | 2,555,047.317700 |
| 108 - 109                                                                                                                                                                         | 37.57                 | 52°30'15"SE | 109         | 367,132.413600  | 2,555,024.449300 |
| 109 - 110                                                                                                                                                                         | 23.45                 | 56°02'27"SE | 110         | 367,151.860500  | 2,555,011.352400 |
| 110 - 111                                                                                                                                                                         | 22.57                 | 23°51'37"SE | 111         | 367,160.988700  | 2,554,990.714900 |
| 111 - 112                                                                                                                                                                         | 11.28                 | 50°42'36"SE | 112         | 367,169.719900  | 2,554,983.571100 |
| 112 - 113                                                                                                                                                                         | 10.02                 | 56°18'35"NE | 113         | 367,178.054300  | 2,554,989.127400 |
| 113 - 114                                                                                                                                                                         | 10.49                 | 29°28'33"NE | 114         | 367,183.213700  | 2,554,998.255500 |
| 114 - 115                                                                                                                                                                         | 10.48                 | 65°22'35"SE | 115         | 367,192.738700  | 2,554,993.889900 |
| 115 - 116                                                                                                                                                                         | 14.56                 | 17°26'50"SE | 116         | 367,197.104400  | 2,554,979.999200 |
| 116 - 117                                                                                                                                                                         | 10.69                 | 21°48'03"SE | 117         | 367,201.073100  | 2,554,970.077300 |
| 117 - 118                                                                                                                                                                         | 27.22                 | 45°35'26"SE | 118         | 367,220.520000  | 2,554,951.027300 |
| 118 - 119                                                                                                                                                                         | 22.19                 | 42°49'31"SE | 119         | 367,235.601300  | 2,554,934.755400 |
| 119 - 120                                                                                                                                                                         | 13.58                 | 15°15'18"SW | 120         | 367,232.029400  | 2,554,921.658500 |
| 120 - 121                                                                                                                                                                         | 34.26                 | 46°52'40"SE | 121         | 367,257.032600  | 2,554,898.242800 |
| 121 - 122                                                                                                                                                                         | 11.94                 | 15°25'19"SE | 122         | 367,260.207600  | 2,554,886.733400 |
| 122 - 123                                                                                                                                                                         | 21.30                 | 26°33'54"SE | 123         | 367,269.732600  | 2,554,867.683400 |
| 123 - 124                                                                                                                                                                         | 41.84                 | 43°04'40"SE | 124         | 367,298.307700  | 2,554,837.123900 |
| 124 - 125                                                                                                                                                                         | 29.48                 | 46°38'12"SE | 125         | 367,319.739000  | 2,554,816.883300 |
| 125 - 126                                                                                                                                                                         | 19.24                 | 21°48'04"SE | 126         | 367,326.882700  | 2,554,799.023900 |
| 126 - 127                                                                                                                                                                         | 106.51                | 43°39'10"SE | 127         | 367,400.404800  | 2,554,721.961000 |
| 127 - 128                                                                                                                                                                         | 26.59                 | 82°11'28"SE | 128         | 367,426.749000  | 2,554,718.348200 |
| 128 - 129                                                                                                                                                                         | 19.69                 | 62°43'24"SE | 129         | 367,444.253200  | 2,554,709.322700 |
| 129 - 130                                                                                                                                                                         | 25.66                 | 87°32'03"SE | 130         | 367,469.890300  | 2,554,708.218700 |
| 130 - 131                                                                                                                                                                         | 37.46                 | 42°08'15"SE | 131         | 367,495.025800  | 2,554,680.437400 |
| 131 - 132                                                                                                                                                                         | 51.86                 | 52°15'11"NE | 132         | 367,536.036300  | 2,554,712.187400 |
| 132 - 133                                                                                                                                                                         | 75.66                 | 67°55'10"SE | 133         | 367,606.151000  | 2,554,683.744700 |
| 133 - 134                                                                                                                                                                         | 54.50                 | 05°34'19"SW | 134         | 367,600.859300  | 2,554,629.505000 |
| 134 - 135                                                                                                                                                                         | 41.89                 | 21°17'50"SE | 135         | 367,616.072900  | 2,554,590.478900 |
| 135 - 136                                                                                                                                                                         | 59.92                 | 56°39'33"SE | 136         | 367,666.131000  | 2,554,557.545900 |
| 136 - 137                                                                                                                                                                         | 134.40                | 32°31'04"SW | 137         | 367,593.881700  | 2,554,444.215200 |
| A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 14,858.49 metros hasta llegar al vértice 138. |                       |             |             |                 |                  |
|                                                                                                                                                                                   |                       |             | 138         | 356,836.813500  | 2,564,604.700700 |
| 138 - 139                                                                                                                                                                         | 76.70                 | 21°07'05"NE | 139         | 356,864.447000  | 2,564,676.247000 |
| 139 - 1                                                                                                                                                                           | 6.69                  | 19°16'35"NE | 1           |                 |                  |

**Zona Núcleo**  
**“Isla de la Piedra-Huizache Caimanero 2”**  
**(Superficie 163-43-61.27 hectáreas)**

| Est-PV  | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|---------|-----------------------|-------------|-------------|-----------------|------------------|
|         |                       |             |             | X               | Y                |
|         |                       |             | 1           | 368,013.629600  | 2,554,169.338400 |
| 1 - 2   | 126.27                | 52°27'37"SE | 2           | 368,113.755100  | 2,554,092.399700 |
| 2 - 3   | 35.24                 | 48°39'07"NE | 3           | 368,140.213500  | 2,554,115.683100 |
| 3 - 4   | 55.92                 | 29°28'33"SE | 4           | 368,167.730300  | 2,554,066.999700 |
| 4 - 5   | 84.89                 | 54°07'48"SE | 5           | 368,236.522100  | 2,554,017.257900 |
| 5 - 6   | 129.33                | 53°19'03"SE | 6           | 368,340.238900  | 2,553,939.999400 |
| 6 - 7   | 49.88                 | 17°16'53"SE | 7           | 368,355.055600  | 2,553,892.374300 |
| 7 - 8   | 187.97                | 52°32'57"SE | 8           | 368,504.280900  | 2,553,778.074100 |
| 8 - 9   | 105.38                | 56°28'10"SE | 9           | 368,592.122800  | 2,553,719.865700 |
| 9 - 10  | 108.95                | 50°07'23"SE | 10          | 368,675.731300  | 2,553,650.015500 |
| 10 - 11 | 91.66                 | 58°41'45"SE | 11          | 368,754.048100  | 2,553,602.390400 |
| 11 - 12 | 38.17                 | 43°52'36"SE | 12          | 368,780.506500  | 2,553,574.873700 |
| 12 - 13 | 363.66                | 52°36'27"SE | 13          | 369,069.432100  | 2,553,354.034400 |
| 13 - 14 | 200.90                | 52°12'15"SE | 14          | 369,228.182400  | 2,553,230.914700 |
| 14 - 15 | 100.93                | 48°07'01"SE | 15          | 369,303.324200  | 2,553,163.534000 |
| 15 - 16 | 197.49                | 52°43'51"SE | 16          | 369,460.487000  | 2,553,043.942100 |
| 16 - 17 | 191.82                | 51°50'01"SE | 17          | 369,611.299800  | 2,552,925.408500 |
| 17 - 18 | 138.04                | 54°21'36"SE | 18          | 369,723.483400  | 2,552,844.975000 |
| 18 - 19 | 83.59                 | 85°47'22"SE | 19          | 369,806.848200  | 2,552,838.837700 |
| 19 - 20 | 20.14                 | 60°50'48"SE | 20          | 369,824.437700  | 2,552,829.026100 |
| 20 - 21 | 56.36                 | 56°51'21"SE | 21          | 369,871.627600  | 2,552,798.211700 |
| 21 - 22 | 35.15                 | 25°11'40"SE | 22          | 369,886.592500  | 2,552,766.402000 |
| 22 - 23 | 35.41                 | 26°02'58"SE | 23          | 369,902.143700  | 2,552,734.587200 |
| 23 - 24 | 15.07                 | 11°42'43"SW | 24          | 369,899.084400  | 2,552,719.830000 |
| 24 - 25 | 27.00                 | 49°36'10"SE | 25          | 369,919.645100  | 2,552,702.333200 |
| 25 - 26 | 73.36                 | 55°32'22"SE | 26          | 369,980.129700  | 2,552,660.824700 |
| 26 - 27 | 66.98                 | 41°05'32"SE | 27          | 370,024.156500  | 2,552,610.342100 |
| 27 - 28 | 32.31                 | 35°40'06"SE | 28          | 370,042.994800  | 2,552,584.095300 |
| 28 - 29 | 29.65                 | 55°10'32"SE | 29          | 370,067.336600  | 2,552,567.162000 |
| 29 - 30 | 38.85                 | 73°32'23"SE | 30          | 370,104.590000  | 2,552,556.155300 |
| 30 - 31 | 124.16                | 50°24'14"SE | 31          | 370,200.263500  | 2,552,477.018300 |
| 31 - 32 | 113.20                | 45°56'48"SE | 32          | 370,281.623000  | 2,552,398.304600 |
| 32 - 33 | 63.55                 | 53°43'53"SE | 33          | 370,332.858600  | 2,552,360.711600 |
| 33 - 34 | 187.94                | 52°21'49"SE | 34          | 370,481.687000  | 2,552,245.948300 |
| 34 - 35 | 101.35                | 52°09'28"SE | 35          | 370,561.723600  | 2,552,183.771100 |
| 35 - 36 | 74.37                 | 45°43'14"SE | 36          | 370,614.971100  | 2,552,131.846600 |
| 36 - 37 | 115.29                | 51°17'19"SE | 37          | 370,704.929600  | 2,552,059.747500 |
| 37 - 38 | 75.45                 | 48°33'14"SE | 38          | 370,761.484400  | 2,552,009.807200 |
| 38 - 39 | 37.27                 | 58°25'33"SE | 39          | 370,793.234500  | 2,551,990.294200 |
| 39 - 40 | 45.86                 | 46°45'12"SE | 40          | 370,826.638200  | 2,551,958.874900 |
| 40 - 41 | 75.94                 | 53°40'44"SE | 41          | 370,887.823200  | 2,551,913.895600 |
| 41 - 42 | 34.83                 | 77°56'35"SE | 42          | 370,921.888400  | 2,551,906.619500 |
| 42 - 43 | 45.60                 | 44°42'22"SE | 43          | 370,953.969200  | 2,551,874.208000 |
| 43 - 44 | 12.16                 | 22°22'48"SE | 44          | 370,958.599400  | 2,551,862.963200 |
| 44 - 45 | 62.66                 | 57°03'53"SE | 45          | 371,011.185500  | 2,551,828.898000 |
| 45 - 46 | 18.57                 | 04°05'09"SW | 46          | 371,009.862500  | 2,551,810.377200 |
| 46 - 47 | 87.91                 | 50°48'05"SE | 47          | 371,077.992900  | 2,551,754.814600 |
| 47 - 48 | 25.68                 | 65°44'16"SE | 48          | 371,101.404400  | 2,551,744.262600 |
| 48 - 49 | 28.42                 | 55°57'57"SE | 49          | 371,124.956500  | 2,551,728.356200 |
| 49 - 50 | 24.80                 | 36°52'11"SE | 50          | 371,139.839400  | 2,551,708.512400 |
| 50 - 51 | 18.09                 | 18°06'13"SE | 51          | 371,145.461800  | 2,551,691.314400 |
| 51 - 52 | 62.46                 | 50°09'20"SE | 52          | 371,193.417600  | 2,551,651.296100 |
| 52 - 53 | 54.47                 | 48°24'19"SE | 53          | 371,234.153700  | 2,551,615.135900 |
| 53 - 54 | 243.82                | 49°24'35"SE | 54          | 371,419.306100  | 2,551,456.496200 |
| 54 - 55 | 180.70                | 48°47'04"SE | 55          | 371,555.236000  | 2,551,337.433500 |
| 55 - 56 | 88.11                 | 48°39'08"SE | 56          | 371,621.382000  | 2,551,279.225100 |
| 56 - 57 | 36.31                 | 48°19'22"SE | 57          | 371,648.501800  | 2,551,255.081800 |
| 57 - 58 | 65.72                 | 44°47'46"SE | 58          | 371,694.804000  | 2,551,208.448900 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 58 - 59   | 93.34                 | 50°53'46"SE | 59          | 371,767.233800  | 2,551,149.579000 |
| 59 - 60   | 40.46                 | 45°59'36"SE | 60          | 371,796.338100  | 2,551,121.466900 |
| 60 - 61   | 29.71                 | 43°38'48"SE | 61          | 371,816.843300  | 2,551,099.969500 |
| 61 - 62   | 81.10                 | 50°47'34"SE | 62          | 371,879.682000  | 2,551,048.706400 |
| 62 - 63   | 72.29                 | 49°49'30"SE | 63          | 371,934.913900  | 2,551,002.073500 |
| 63 - 64   | 64.97                 | 49°20'07"SE | 64          | 371,984.192600  | 2,550,959.740000 |
| 64 - 65   | 221.24                | 49°08'16"SE | 65          | 372,151.512400  | 2,550,814.997200 |
| 65 - 66   | 105.15                | 48°04'44"SE | 66          | 372,229.750000  | 2,550,744.746600 |
| 66 - 67   | 149.42                | 48°05'20"SE | 67          | 372,340.949200  | 2,550,644.934600 |
| 67 - 68   | 1.57                  | 47°07'23"SE | 68          | 372,342.096100  | 2,550,643.869700 |
| 68 - 69   | 162.98                | 48°16'58"SE | 69          | 372,463.750900  | 2,550,535.413700 |
| 69 - 70   | 144.82                | 47°46'13"SE | 70          | 372,570.986200  | 2,550,438.078100 |
| 70 - 71   | 127.27                | 41°30'04"SE | 71          | 372,655.322100  | 2,550,342.757800 |
| 71 - 72   | 1.11                  | 51°13'02"SE | 72          | 372,656.184800  | 2,550,342.064600 |
| 72 - 73   | 38.31                 | 41°46'07"SE | 73          | 372,681.701800  | 2,550,313.494000 |
| 73 - 74   | 66.28                 | 48°02'02"SE | 74          | 372,730.980600  | 2,550,269.176200 |
| 74 - 75   | 62.91                 | 46°59'59"SE | 75          | 372,776.988500  | 2,550,226.273100 |
| 75 - 76   | 10.80                 | 46°59'58"SE | 76          | 372,784.889500  | 2,550,218.905200 |
| 76 - 77   | 151.46                | 47°33'59"SE | 77          | 372,896.676200  | 2,550,116.709700 |
| 77 - 78   | 144.34                | 46°23'33"SE | 78          | 373,001.186800  | 2,550,017.160000 |
| 78 - 79   | 159.42                | 47°36'23"SE | 79          | 373,118.926700  | 2,549,909.672800 |
| 79 - 80   | 39.03                 | 45°53'22"SE | 80          | 373,146.949500  | 2,549,882.507000 |
| 80 - 81   | 111.60                | 45°53'22"SE | 81          | 373,227.075300  | 2,549,804.831500 |
| 81 - 82   | 85.03                 | 46°53'40"SE | 82          | 373,289.154000  | 2,549,746.728300 |
| 82 - 83   | 6.93                  | 46°53'40"SE | 83          | 373,294.213500  | 2,549,741.992800 |
| 83 - 84   | 102.74                | 42°46'56"SE | 84          | 373,363.997500  | 2,549,666.586400 |
| 84 - 85   | 106.95                | 47°07'49"SE | 85          | 373,442.380400  | 2,549,593.825900 |
| 85 - 86   | 78.68                 | 50°17'12"SE | 86          | 373,502.904000  | 2,549,543.554900 |
| 86 - 87   | 113.68                | 46°10'43"SE | 87          | 373,584.925000  | 2,549,464.841200 |
| 87 - 88   | 77.89                 | 43°47'44"SE | 88          | 373,638.833900  | 2,549,408.617100 |
| 88 - 89   | 30.35                 | 61°27'58"SE | 89          | 373,665.500800  | 2,549,394.117800 |
| 89 - 90   | 49.94                 | 35°21'07"SE | 90          | 373,694.396600  | 2,549,353.385300 |
| 90 - 91   | 66.70                 | 47°12'37"SE | 91          | 373,743.344600  | 2,549,308.075300 |
| 91 - 92   | 149.78                | 47°08'51"SE | 92          | 373,853.146900  | 2,549,206.210500 |
| 92 - 93   | 124.37                | 41°52'26"SE | 93          | 373,936.160100  | 2,549,113.606100 |
| 93 - 94   | 197.15                | 45°28'32"SE | 94          | 374,076.720200  | 2,548,975.361100 |
| 94 - 95   | 118.36                | 43°52'04"SE | 95          | 374,158.741200  | 2,548,890.032800 |
| 95 - 96   | 52.01                 | 56°24'39"SE | 96          | 374,202.066800  | 2,548,861.259300 |
| 96 - 97   | 28.70                 | 25°58'28"SE | 97          | 374,214.634600  | 2,548,835.462400 |
| 97 - 98   | 89.79                 | 49°01'56"SE | 98          | 374,282.434200  | 2,548,776.592400 |
| 98 - 99   | 82.63                 | 47°25'59"SE | 99          | 374,343.288500  | 2,548,720.699100 |
| 99 - 100  | 38.57                 | 30°57'49"SE | 100         | 374,363.132300  | 2,548,687.626100 |
| 100 - 101 | 42.14                 | 42°27'18"SE | 101         | 374,391.575000  | 2,548,656.537500 |
| 101 - 102 | 72.24                 | 54°07'36"SE | 102         | 374,450.114200  | 2,548,614.204100 |
| 102 - 103 | 19.36                 | 07°51'12"SE | 103         | 374,452.760100  | 2,548,595.021800 |
| 103 - 104 | 84.46                 | 43°15'16"SE | 104         | 374,510.637800  | 2,548,533.506000 |
| 104 - 105 | 125.59                | 45°19'12"SE | 105         | 374,599.934800  | 2,548,445.201200 |
| 105 - 106 | 126.52                | 45°31'46"SE | 106         | 374,690.224100  | 2,548,356.565600 |
| 106 - 107 | 78.81                 | 45°10'12"SE | 107         | 374,746.117400  | 2,548,301.003000 |
| 107 - 108 | 56.40                 | 42°51'40"SE | 108         | 374,784.482100  | 2,548,259.661700 |
| 108 - 109 | 146.46                | 46°38'49"SE | 109         | 374,890.977100  | 2,548,159.119900 |
| 109 - 110 | 57.48                 | 36°20'32"SE | 110         | 374,925.042200  | 2,548,112.817700 |
| 110 - 111 | 81.71                 | 47°47'19"SE | 111         | 374,985.565800  | 2,548,057.916500 |
| 111 - 112 | 111.10                | 44°09'20"SE | 112         | 375,062.956600  | 2,547,978.210600 |
| 112 - 113 | 141.07                | 44°32'38"SE | 113         | 375,161.911000  | 2,547,877.668800 |
| 113 - 114 | 75.81                 | 36°16'11"SE | 114         | 375,206.757900  | 2,547,816.549900 |
| 114 - 115 | 12.71                 | 51°20'24"SE | 115         | 375,216.679800  | 2,547,808.612400 |
| 115 - 116 | 15.10                 | 86°59'14"NE | 116         | 375,231.761100  | 2,547,809.406100 |
| 116 - 117 | 83.07                 | 45°23'13"SE | 117         | 375,290.895600  | 2,547,751.065400 |
| 117 - 118 | 28.58                 | 25°29'50"SE | 118         | 375,303.198700  | 2,547,725.268500 |
| 118 - 119 | 25.06                 | 60°35'33"SE | 119         | 375,325.026900  | 2,547,712.965300 |
| 119 - 120 | 49.51                 | 47°32'39"SE | 120         | 375,361.558400  | 2,547,679.542300 |
| 120 - 121 | 35.06                 | 25°26'23"SE | 121         | 375,376.620800  | 2,547,647.877700 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 121 - 122 | 29.62                 | 53°53'57"SE | 122         | 375,400.550000  | 2,547,630.427800 |
| 122 - 123 | 24.66                 | 68°14'30"SE | 123         | 375,423.452100  | 2,547,621.287000 |
| 123 - 124 | 53.13                 | 41°40'08"SE | 124         | 375,458.774000  | 2,547,581.599400 |
| 124 - 125 | 14.56                 | 11°00'12"SW | 125         | 375,455.995900  | 2,547,567.311900 |
| 125 - 126 | 27.22                 | 45°35'26"SE | 126         | 375,475.442800  | 2,547,548.261900 |
| 126 - 127 | 25.61                 | 77°28'16"SE | 127         | 375,500.446000  | 2,547,542.705600 |
| 127 - 128 | 39.07                 | 20°49'42"SE | 128         | 375,514.336700  | 2,547,506.193000 |
| 128 - 129 | 28.67                 | 48°21'59"SE | 129         | 375,535.767900  | 2,547,487.143000 |
| 129 - 130 | 7.95                  | 87°08'14"NE | 130         | 375,543.705500  | 2,547,487.539900 |
| 130 - 131 | 171.23                | 43°41'06"SE | 131         | 375,661.974500  | 2,547,363.714600 |
| 131 - 132 | 166.21                | 43°15'30"SE | 132         | 375,775.877800  | 2,547,242.667500 |
| 132 - 133 | 48.48                 | 50°18'52"SE | 133         | 375,813.184100  | 2,547,211.711200 |
| 133 - 134 | 25.60                 | 29°44'41"SE | 134         | 375,825.884200  | 2,547,189.486100 |
| 134 - 135 | 97.67                 | 45°39'30"SE | 135         | 375,895.734300  | 2,547,121.223500 |
| 135 - 136 | 15.02                 | 12°12'01"SE | 136         | 375,898.909300  | 2,547,106.539100 |
| 136 - 137 | 140.61                | 45°48'01"SE | 137         | 375,999.715800  | 2,547,008.510800 |
| 137 - 138 | 76.97                 | 42°29'32"SE | 138         | 376,051.706500  | 2,546,951.757500 |
| 138 - 139 | 90.72                 | 47°18'17"SE | 139         | 376,118.381600  | 2,546,890.241800 |
| 139 - 140 | 73.96                 | 41°18'05"SE | 140         | 376,167.197300  | 2,546,834.679200 |
| 140 - 141 | 23.96                 | 26°33'54"SE | 141         | 376,177.913000  | 2,546,813.247900 |
| 141 - 142 | 43.63                 | 58°46'05"SE | 142         | 376,215.219300  | 2,546,790.626000 |
| 142 - 143 | 107.12                | 41°32'43"SE | 143         | 376,286.260100  | 2,546,710.457100 |
| 143 - 144 | 23.79                 | 25°42'35"SE | 144         | 376,296.578800  | 2,546,689.025800 |
| 144 - 145 | 26.95                 | 46°11'36"SE | 145         | 376,316.025800  | 2,546,670.372600 |
| 145 - 146 | 89.80                 | 45°00'00"SE | 146         | 376,379.525900  | 2,546,606.872500 |
| 146 - 147 | 9.56                  | 04°45'48"SE | 147         | 376,380.319600  | 2,546,597.347500 |
| 147 - 148 | 66.52                 | 44°16'29"SE | 148         | 376,426.754100  | 2,546,549.722400 |
| 148 - 149 | 25.03                 | 64°39'13"SE | 149         | 376,449.376000  | 2,546,539.006700 |
| 149 - 150 | 89.16                 | 41°12'35"SE | 150         | 376,508.113600  | 2,546,471.934700 |
| 150 - 151 | 106.37                | 44°14'39"SE | 151         | 376,582.329400  | 2,546,395.734600 |
| 151 - 152 | 156.33                | 44°16'47"SE | 152         | 376,691.470300  | 2,546,283.815600 |
| 152 - 153 | 207.47                | 43°22'20"SE | 153         | 376,833.948700  | 2,546,133.002800 |
| 153 - 154 | 38.99                 | 38°23'11"SE | 154         | 376,858.158100  | 2,546,102.443300 |
| 154 - 155 | 270.92                | 43°23'50"SE | 155         | 377,044.292800  | 2,545,905.593000 |
| 155 - 156 | 120.11                | 42°47'34"SE | 156         | 377,125.890000  | 2,545,817.454300 |
| 156 - 157 | 26.93                 | 43°40'57"SE | 157         | 377,144.492700  | 2,545,797.975800 |
| 157 - 158 | 601.16                | 43°40'56"SE | 158         | 377,559.687300  | 2,545,363.232200 |
| 158 - 159 | 475.50                | 42°38'05"SE | 159         | 377,881.752400  | 2,545,013.414800 |
| 159 - 160 | 435.71                | 42°48'57"SE | 160         | 378,177.880300  | 2,544,693.804400 |
| 160 - 161 | 486.22                | 42°52'45"SE | 161         | 378,508.732500  | 2,544,337.507000 |
| 161 - 162 | 229.28                | 42°52'45"SE | 162         | 378,664.745000  | 2,544,169.495900 |
| 162 - 163 | 253.95                | 41°51'26"SE | 163         | 378,834.202700  | 2,543,980.348500 |
| 163 - 164 | 85.05                 | 43°40'35"SE | 164         | 378,892.940300  | 2,543,918.832700 |
| 164 - 165 | 42.95                 | 35°35'57"SE | 165         | 378,917.943500  | 2,543,883.907700 |
| 165 - 166 | 715.04                | 41°25'20"SE | 166         | 379,391.019400  | 2,543,347.728500 |
| 166 - 167 | 172.60                | 41°38'40"SE | 167         | 379,505.716500  | 2,543,218.743800 |
| 167 - 168 | 89.59                 | 39°58'05"SE | 168         | 379,563.263500  | 2,543,150.084300 |
| 168 - 169 | 97.03                 | 41°35'23"SE | 169         | 379,627.671200  | 2,543,077.514400 |
| 169 - 170 | 129.43                | 41°31'39"SE | 170         | 379,713.481000  | 2,542,980.618400 |
| 170 - 171 | 188.70                | 42°18'02"SE | 171         | 379,840.481200  | 2,542,841.050400 |
| 171 - 172 | 252.96                | 41°49'12"SE | 172         | 380,009.153500  | 2,542,652.534400 |
| 172 - 173 | 192.71                | 40°57'50"SE | 173         | 380,135.492300  | 2,542,507.013200 |
| 173 - 174 | 202.48                | 41°17'29"SE | 174         | 380,269.107100  | 2,542,354.877500 |
| 174 - 175 | 218.04                | 40°56'26"SE | 175         | 380,411.982400  | 2,542,190.174100 |
| 175 - 176 | 241.21                | 41°59'55"SE | 176         | 380,573.378500  | 2,542,010.918500 |
| 176 - 177 | 155.49                | 39°38'58"SE | 177         | 380,672.597500  | 2,541,891.194300 |
| 177 - 178 | 262.85                | 41°38'00"SE | 178         | 380,847.222800  | 2,541,694.740800 |
| 178 - 179 | 214.36                | 39°14'22"SE | 179         | 380,982.822100  | 2,541,528.714400 |
| 179 - 180 | 186.55                | 41°15'44"SE | 180         | 381,105.853600  | 2,541,388.485000 |
| 180 - 181 | 165.89                | 41°26'37"SE | 181         | 381,215.655900  | 2,541,264.130500 |
| 181 - 182 | 222.49                | 40°10'34"SE | 182         | 381,359.192600  | 2,541,094.135400 |
| 182 - 183 | 172.19                | 40°28'54"SE | 183         | 381,470.979300  | 2,540,963.166400 |
| 183 - 184 | 207.66                | 39°34'18"SE | 184         | 381,603.271200  | 2,540,803.093200 |

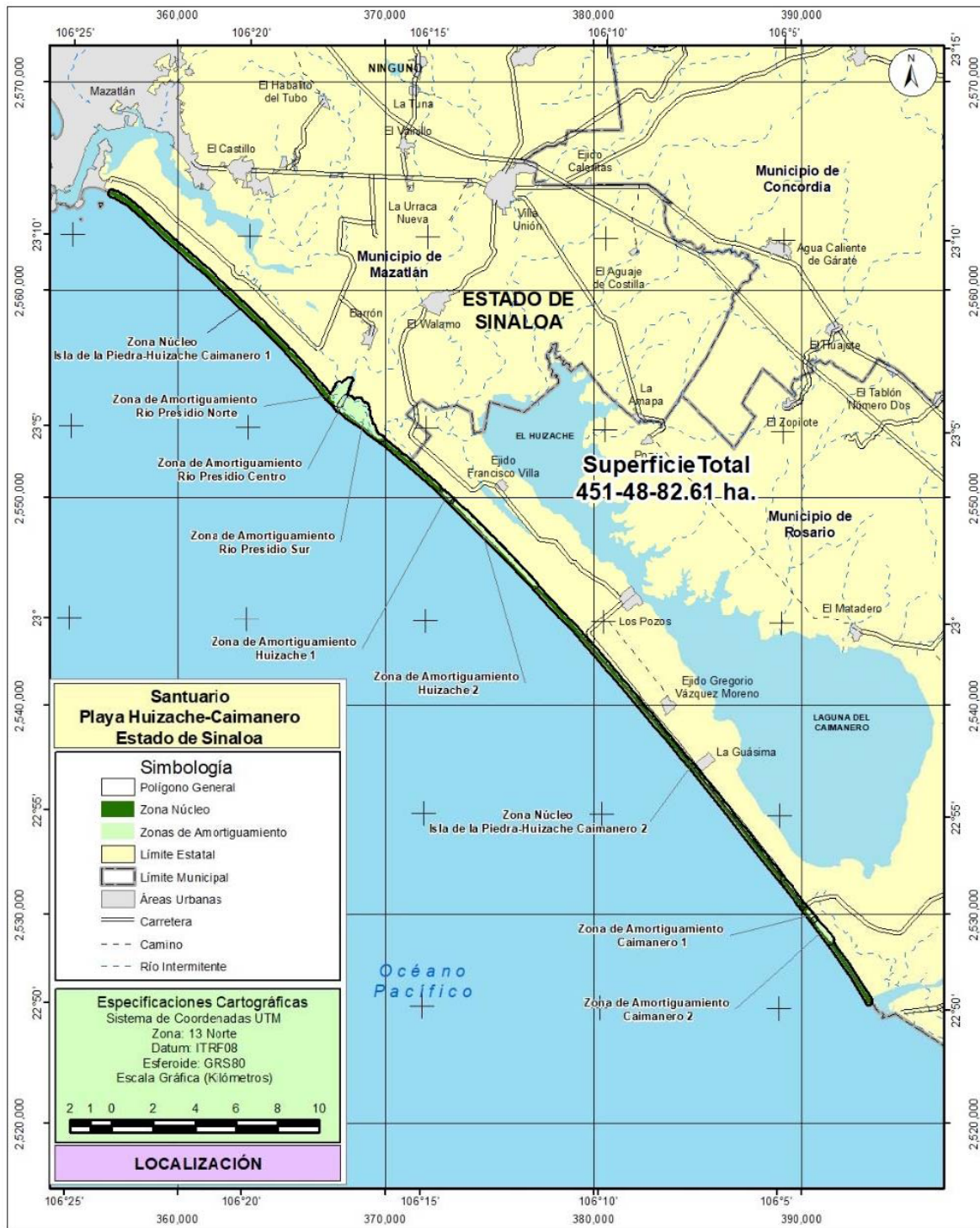
| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 184 - 185 | 156.99                | 41°24'46"SE | 185         | 381,707.120400  | 2,540,685.353300 |
| 185 - 186 | 161.17                | 39°30'16"SE | 186         | 381,809.646600  | 2,540,560.998900 |
| 186 - 187 | 169.32                | 40°43'21"SE | 187         | 381,920.110400  | 2,540,432.675800 |
| 187 - 188 | 261.16                | 40°59'41"SE | 188         | 382,091.428500  | 2,540,235.560800 |
| 188 - 189 | 203.18                | 40°22'43"SE | 189         | 382,223.058900  | 2,540,080.779200 |
| 189 - 190 | 202.41                | 39°49'46"SE | 190         | 382,352.705000  | 2,539,925.336200 |
| 190 - 191 | 339.02                | 39°56'03"SE | 191         | 382,570.325200  | 2,539,665.382600 |
| 191 - 192 | 445.82                | 39°38'32"SE | 192         | 382,854.752900  | 2,539,322.085000 |
| 192 - 193 | 153.39                | 40°37'41"SE | 193         | 382,954.633300  | 2,539,205.668100 |
| 193 - 194 | 375.18                | 39°55'19"SE | 194         | 383,195.404600  | 2,538,917.933100 |
| 194 - 195 | 47.19                 | 31°14'21"SE | 195         | 383,219.878600  | 2,538,877.584100 |
| 195 - 196 | 221.13                | 40°01'30"SE | 196         | 383,362.092500  | 2,538,708.250400 |
| 196 - 197 | 244.17                | 39°56'40"SE | 197         | 383,518.858400  | 2,538,521.057400 |
| 197 - 198 | 173.36                | 39°34'53"SE | 198         | 383,629.322200  | 2,538,387.442500 |
| 198 - 199 | 221.81                | 39°26'01"SE | 199         | 383,770.213100  | 2,538,216.124500 |
| 199 - 200 | 198.18                | 39°51'16"SE | 200         | 383,897.213300  | 2,538,063.988700 |
| 200 - 201 | 179.72                | 40°22'21"SE | 201         | 384,013.630200  | 2,537,927.066600 |
| 201 - 202 | 266.12                | 39°08'56"SE | 202         | 384,181.641000  | 2,537,720.691200 |
| 202 - 203 | 196.08                | 40°37'20"SE | 203         | 384,309.302700  | 2,537,571.862700 |
| 203 - 204 | 227.15                | 40°16'31"SE | 204         | 384,456.146700  | 2,537,398.560300 |
| 204 - 205 | 68.67                 | 35°59'12"SE | 205         | 384,496.495800  | 2,537,342.997700 |
| 205 - 206 | 178.29                | 40°29'09"SE | 206         | 384,612.251200  | 2,537,207.398500 |
| 206 - 207 | 94.11                 | 38°43'21"SE | 207         | 384,671.121100  | 2,537,133.976500 |
| 207 - 208 | 87.36                 | 39°46'40"SE | 208         | 384,727.014500  | 2,537,066.838300 |
| 208 - 209 | 54.45                 | 37°50'39"SE | 209         | 384,760.418200  | 2,537,023.843400 |
| 209 - 210 | 53.53                 | 39°59'12"SE | 210         | 384,794.814100  | 2,536,982.832900 |
| 210 - 211 | 34.56                 | 39°10'24"SE | 211         | 384,816.642200  | 2,536,956.043800 |
| 211 - 212 | 59.96                 | 41°52'11"SE | 212         | 384,856.660500  | 2,536,911.395300 |
| 212 - 213 | 31.42                 | 40°43'55"SE | 213         | 384,877.165800  | 2,536,887.582700 |
| 213 - 214 | 99.55                 | 37°26'27"SE | 214         | 384,937.689400  | 2,536,808.538300 |
| 214 - 215 | 80.39                 | 41°09'49"SE | 215         | 384,990.606100  | 2,536,748.014700 |
| 215 - 216 | 155.89                | 39°03'30"SE | 216         | 385,088.832900  | 2,536,626.967600 |
| 216 - 217 | 144.40                | 39°53'22"SE | 217         | 385,181.437200  | 2,536,516.173100 |
| 217 - 218 | 22.86                 | 31°23'25"SE | 218         | 385,193.343500  | 2,536,496.660100 |
| 218 - 219 | 86.68                 | 39°34'54"SE | 219         | 385,248.575400  | 2,536,429.852700 |
| 219 - 220 | 125.20                | 40°55'46"SE | 220         | 385,330.596400  | 2,536,335.263900 |
| 220 - 221 | 38.57                 | 30°57'49"SE | 221         | 385,350.440200  | 2,536,302.190900 |
| 221 - 222 | 29.47                 | 44°05'26"SE | 222         | 385,370.945400  | 2,536,281.024200 |
| 222 - 223 | 58.06                 | 39°13'13"SE | 223         | 385,407.656400  | 2,536,236.045000 |
| 223 - 224 | 162.96                | 38°59'12"SE | 224         | 385,510.182700  | 2,536,109.375400 |
| 224 - 225 | 112.43                | 37°52'53"SE | 225         | 385,579.220900  | 2,536,020.633000 |
| 225 - 226 | 23.08                 | 40°56'51"SE | 226         | 385,594.346100  | 2,536,003.201300 |
| 226 - 227 | 69.87                 | 40°29'24"SE | 227         | 385,639.715500  | 2,535,950.061900 |
| 227 - 228 | 108.77                | 39°04'55"SE | 228         | 385,708.289900  | 2,535,865.627600 |
| 228 - 229 | 184.59                | 38°59'35"SE | 229         | 385,824.442200  | 2,535,722.157000 |
| 229 - 230 | 242.97                | 38°22'02"SE | 230         | 385,975.255000  | 2,535,531.656600 |
| 230 - 231 | 173.23                | 40°04'28"SE | 231         | 386,086.777100  | 2,535,399.100100 |
| 231 - 232 | 281.97                | 40°01'57"SE | 232         | 386,268.149300  | 2,535,183.199600 |
| 232 - 233 | 238.58                | 39°19'46"SE | 233         | 386,419.359000  | 2,534,998.652400 |
| 233 - 234 | 151.94                | 34°53'38"SE | 234         | 386,506.274800  | 2,534,874.033400 |
| 234 - 235 | 106.87                | 39°25'26"SE | 235         | 386,574.140500  | 2,534,791.483200 |
| 235 - 236 | 141.95                | 37°57'33"SE | 236         | 386,661.453200  | 2,534,679.564300 |
| 236 - 237 | 307.55                | 38°33'21"SE | 237         | 386,853.144200  | 2,534,439.057500 |
| 237 - 238 | 211.54                | 38°31'31"SE | 238         | 386,984.907000  | 2,534,273.560300 |
| 238 - 239 | 153.96                | 38°24'21"SE | 239         | 387,080.554100  | 2,534,152.910100 |
| 239 - 240 | 281.27                | 38°35'02"SE | 240         | 387,255.973200  | 2,533,933.040900 |
| 240 - 241 | 268.19                | 38°45'08"SE | 241         | 387,423.851600  | 2,533,723.887300 |
| 241 - 242 | 191.57                | 39°57'27"SE | 242         | 387,546.883100  | 2,533,577.043300 |
| 242 - 243 | 143.71                | 35°26'44"SE | 243         | 387,630.227000  | 2,533,459.964900 |
| 243 - 244 | 260.09                | 38°03'32"SE | 244         | 387,790.564900  | 2,533,255.177000 |
| 244 - 245 | 269.93                | 38°40'22"SE | 245         | 387,959.237100  | 2,533,044.436000 |
| 245 - 246 | 224.46                | 38°29'27"SE | 246         | 388,098.937300  | 2,532,868.752300 |
| 246 - 247 | 291.31                | 38°48'21"SE | 247         | 388,281.500200  | 2,532,641.739300 |

| Est-PV    | Distancia<br>(metros) | Rumbo       | Vértice No. | Coordenadas UTM |                  |
|-----------|-----------------------|-------------|-------------|-----------------|------------------|
|           |                       |             |             | X               | Y                |
| 247 - 248 | 254.38                | 38°09'26"SE | 248         | 388,438.663000  | 2,532,441.713900 |
| 248 - 249 | 354.29                | 38°37'59"SE | 249         | 388,659.855100  | 2,532,164.959200 |
| 249 - 250 | 373.79                | 38°44'08"SE | 250         | 388,893.747300  | 2,531,873.387800 |
| 250 - 251 | 296.52                | 38°54'55"SE | 251         | 389,080.014300  | 2,531,642.670700 |
| 251 - 252 | 163.76                | 40°01'08"SE | 252         | 389,185.318700  | 2,531,517.257900 |
| 252 - 253 | 23.29                 | 21°19'04"SE | 253         | 389,193.785400  | 2,531,495.562100 |
| 253 - 254 | 117.78                | 40°59'31"SE | 254         | 389,271.043900  | 2,531,406.661900 |
| 254 - 255 | 250.43                | 37°47'24"SE | 255         | 389,424.502500  | 2,531,208.753100 |
| 255 - 256 | 258.84                | 39°01'32"SE | 256         | 389,587.486200  | 2,531,007.669400 |
| 256 - 257 | 143.55                | 38°15'50"SE | 257         | 389,676.386300  | 2,530,894.956700 |
| 257 - 258 | 248.79                | 39°43'00"SE | 258         | 389,835.363400  | 2,530,703.581800 |
| 258 - 259 | 119.43                | 36°11'28"SE | 259         | 389,905.886600  | 2,530,607.193600 |
| 259 - 260 | 39.10                 | 31°13'02"SE | 260         | 389,926.153500  | 2,530,573.751900 |
| 260 - 261 | 160.36                | 42°03'26"SE | 261         | 390,033.574500  | 2,530,454.689100 |
| 261 - 262 | 86.62                 | 41°17'05"SE | 262         | 390,090.724700  | 2,530,389.601500 |
| 262 - 263 | 149.97                | 39°50'27"SE | 263         | 390,186.806900  | 2,530,274.447200 |
| 263 - 264 | 125.97                | 37°05'45"SE | 264         | 390,262.788200  | 2,530,173.966900 |
| 264 - 265 | 1.28                  | 37°05'41"SE | 265         | 390,263.559100  | 2,530,172.947400 |
| 265 - 266 | 176.40                | 38°01'55"SE | 266         | 390,372.241900  | 2,530,034.000800 |
| 266 - 267 | 74.67                 | 40°41'21"SE | 267         | 390,420.925300  | 2,529,977.379800 |
| 267 - 268 | 98.67                 | 35°23'41"SE | 268         | 390,478.075400  | 2,529,896.946400 |
| 268 - 269 | 134.69                | 37°01'53"SE | 269         | 390,559.195600  | 2,529,789.419700 |
| 269 - 270 | 102.11                | 41°26'50"SE | 270         | 390,626.783600  | 2,529,712.883700 |
| 270 - 271 | 7.18                  | 41°26'50"SE | 271         | 390,631.534100  | 2,529,707.504300 |
| 271 - 272 | 116.45                | 35°34'04"SE | 272         | 390,699.267500  | 2,529,612.783300 |
| 272 - 273 | 194.56                | 37°55'46"SE | 273         | 390,818.859500  | 2,529,459.324600 |
| 273 - 274 | 201.84                | 37°39'03"SE | 274         | 390,942.155500  | 2,529,299.516000 |
| 274 - 275 | 458.92                | 37°30'14"SE | 275         | 391,221.556100  | 2,528,935.448600 |
| 275 - 276 | 240.89                | 37°35'39"SE | 276         | 391,368.513500  | 2,528,744.581000 |
| 276 - 277 | 28.24                 | 49°15'18"SW | 277         | 391,347.117000  | 2,528,726.147900 |
| 277 - 278 | 305.33                | 36°40'35"SE | 278         | 391,529.490200  | 2,528,481.265700 |
| 278 - 279 | 351.26                | 34°41'07"SE | 279         | 391,729.383400  | 2,528,192.424900 |
| 279 - 280 | 662.72                | 34°38'53"SE | 280         | 392,106.164700  | 2,527,647.232800 |
| 280 - 281 | 609.22                | 34°05'18"SE | 281         | 392,447.617400  | 2,527,142.692100 |
| 281 - 282 | 815.00                | 32°16'21"SE | 282         | 392,882.787900  | 2,526,453.594300 |
| 282 - 283 | 354.46                | 35°06'54"SE | 283         | 393,086.680300  | 2,526,163.649100 |
| 283 - 284 | 308.13                | 28°05'41"SE | 284         | 393,231.790200  | 2,525,891.823700 |
| 284 - 285 | 46.83                 | 24°39'30"SE | 285         | 393,251.329100  | 2,525,849.261600 |
| 285 - 286 | 61.32                 | 42°38'27"SW | 286         | 393,209.790800  | 2,525,804.153800 |

A partir de este vértice se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 38,067.63 metros hasta llegar al vértice 287.

|         |       |             |     |                |                  |
|---------|-------|-------------|-----|----------------|------------------|
|         |       |             | 287 | 367,971.052600 | 2,554,089.041600 |
| 287 - 1 | 90.89 | 27°56'04"NE | 1   |                |                  |

| Polígono general         | Superficie (ha)   | Zonificación    | Nombre                                 | Superficie (ha)   |
|--------------------------|-------------------|-----------------|----------------------------------------|-------------------|
| Playa Huizache Caimanero | 451.488261        | Amortiguamiento | Río Presidio Norte                     | 39.004177         |
|                          |                   |                 | Río Presidio Centro                    | 9.633766          |
|                          |                   |                 | Río Presidio Sur                       | 111.775088        |
|                          |                   |                 | Huizache 1                             | 0.515343          |
|                          |                   |                 | Huizache 2                             | 23.480168         |
|                          |                   |                 | Caimanero 1                            | 1.025683          |
|                          |                   |                 | Caimanero 2                            | 6.527373          |
|                          |                   |                 | <b>Subtotal</b>                        | <b>191.961598</b> |
|                          |                   | Núcleo          | Isla de la Piedra-Huizache Caimanero 1 | 96.090536         |
|                          |                   |                 | Isla de la Piedra-Huizache Caimanero 2 | 163.436127        |
|                          |                   |                 | <b>Subtotal</b>                        | <b>259.526663</b> |
| <b>Total</b>             | <b>451.488261</b> | <b>Total</b>    |                                        | <b>451.488261</b> |



**“Playa Mismaloya”**

El Santuario conocido como Playa Mismaloya, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en los municipios de Cabo Corrientes, Tomatlán y La Huerta, en el estado de Jalisco, con una superficie total de 810-66-72.98 hectáreas (OCHOCIENTAS DIEZ HECTÁREAS, SESENTA Y SEIS ÁREAS, SETENTA Y DOS PUNTO NOVENTA Y OCHO CENTIÁREAS). En el área se ubican once zonas de amortiguamiento con una superficie de 333-29-65.63 hectáreas (TRESCIENTAS TREINTA Y TRES HECTÁREAS, VEINTINUEVE ÁREAS, SESENTA Y CINCO PUNTO SESENTA Y TRES CENTIÁREAS) y diez zonas núcleo con una superficie de 477-37-07.35 hectáreas (CUATROCIENTAS SETENTA Y SIETE HECTÁREAS, TREINTA Y SIETE ÁREAS, SIETE PUNTO TREINTA Y CINCO CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Mismaloya, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General**  
**(Superficie 810-66-72.98 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
|         |             |                       | 1            | 439,272.792400 | 2,238,049.694800 |
| 1 - 2   | 31°23'52"SW | 33.79                 | 2            | 49,255.186500  | 2,238,020.849200 |
| 2 - 3   | 08°33'03"SE | 30.10                 | 3            | 439,259.662300 | 2,237,991.081800 |
| 3 - 4   | 16°23'20"SE | 47.44                 | 4            | 439,273.046500 | 2,237,945.574100 |
| 4 - 5   | 49°49'39"SE | 49.37                 | 5            | 439,310.770700 | 2,237,913.725900 |
| 5 - 6   | 14°56'30"SE | 49.88                 | 6            | 439,323.630500 | 2,237,865.537000 |
| 6 - 7   | 18°23'47"SE | 49.21                 | 7            | 439,339.161400 | 2,237,818.839800 |
| 7 - 8   | 46°30'35"SE | 49.99                 | 8            | 439,375.426700 | 2,237,784.437200 |
| 8 - 9   | 75°31'27"SE | 44.13                 | 9            | 439,418.152000 | 2,237,773.407100 |
| 9 - 10  | 71°33'34"NE | 49.88                 | 10           | 439,465.474700 | 2,237,789.186300 |
| 10 - 11 | 60°03'09"SE | 47.80                 | 11           | 439,506.893500 | 2,237,765.323800 |
| 11 - 12 | 49°15'12"SE | 50.00                 | 12           | 439,544.773900 | 2,237,732.688100 |
| 12 - 13 | 76°44'06"SE | 49.22                 | 13           | 439,592.683000 | 2,237,721.394000 |
| 13 - 14 | 59°19'27"SE | 48.58                 | 14           | 439,634.465900 | 2,237,696.609100 |
| 14 - 15 | 46°45'12"SE | 49.97                 | 15           | 439,670.862400 | 2,237,662.375000 |
| 15 - 16 | 46°42'22"SE | 49.99                 | 16           | 439,707.247300 | 2,237,628.095000 |
| 16 - 17 | 55°15'46"SE | 46.30                 | 17           | 439,745.298900 | 2,237,601.710300 |
| 17 - 18 | 64°40'50"NE | 49.46                 | 18           | 439,790.004100 | 2,237,622.860900 |
| 18 - 19 | 67°01'35"NE | 49.53                 | 19           | 439,835.604200 | 2,237,642.192100 |
| 19 - 20 | 85°33'30"NE | 49.01                 | 20           | 439,884.463900 | 2,237,645.987200 |
| 20 - 21 | 81°22'17"SE | 49.44                 | 21           | 439,933.345500 | 2,237,638.569800 |
| 21 - 22 | 47°18'42"NE | 48.33                 | 22           | 439,968.869400 | 2,237,671.336800 |
| 22 - 23 | 20°28'25"NE | 49.91                 | 23           | 439,986.327800 | 2,237,718.097000 |
| 23 - 24 | 02°00'17"NW | 48.43                 | 24           | 439,984.633700 | 2,237,766.493900 |
| 24 - 25 | 02°54'52"NW | 49.71                 | 25           | 439,982.106200 | 2,237,816.137800 |
| 25 - 26 | 04°46'15"NW | 49.91                 | 26           | 439,977.955200 | 2,237,865.872900 |
| 26 - 27 | 06°08'44"NW | 50.00                 | 27           | 439,972.602500 | 2,237,915.585200 |
| 27 - 28 | 15°32'55"NE | 48.85                 | 28           | 439,985.696800 | 2,237,962.645900 |
| 28 - 29 | 47°12'17"NE | 48.34                 | 29           | 440,021.168300 | 2,237,995.487200 |
| 29 - 30 | 50°47'11"NE | 48.90                 | 30           | 440,059.052900 | 2,238,026.400000 |
| 30 - 31 | 70°47'20"NE | 46.27                 | 31           | 440,102.743000 | 2,238,041.623900 |
| 31 - 32 | 74°41'57"NE | 48.59                 | 32           | 440,149.611000 | 2,238,054.446200 |
| 32 - 33 | 80°32'50"NE | 47.96                 | 33           | 440,196.916300 | 2,238,062.322200 |
| 33 - 34 | 70°31'32"SE | 46.33                 | 34           | 440,240.597000 | 2,238,046.876100 |
| 34 - 35 | 77°25'53"SE | 48.78                 | 35           | 440,288.210200 | 2,238,036.260900 |
| 35 - 36 | 57°35'32"SE | 48.20                 | 36           | 440,328.899100 | 2,238,010.431200 |
| 36 - 37 | 45°20'45"SE | 49.94                 | 37           | 440,364.428000 | 2,237,975.328800 |
| 37 - 38 | 66°17'11"SE | 49.02                 | 38           | 440,409.308100 | 2,237,955.615300 |
| 38 - 39 | 73°57'01"SE | 46.79                 | 39           | 440,454.278500 | 2,237,942.678100 |
| 39 - 40 | 37°04'17"SE | 50.00                 | 40           | 440,484.419000 | 2,237,902.784000 |
| 40 - 41 | 62°14'11"SE | 49.94                 | 41           | 440,528.613200 | 2,237,879.519000 |



| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
| 41 - 42 | 78°08'01"SE | 48.68                 | 42           | 440,576.252700 | 2,237,869.509100 |
| 42 - 43 | 85°33'06"SE | 49.68                 | 43           | 440,625.784200 | 2,237,865.656000 |
| 43 - 44 | 74°20'07"SE | 50.00                 | 44           | 440,673.927100 | 2,237,852.155800 |
| 44 - 45 | 75°34'23"SE | 49.99                 | 45           | 440,722.345000 | 2,237,839.700000 |
| 45 - 46 | 68°30'54"SE | 49.48                 | 46           | 440,768.386000 | 2,237,821.578000 |
| 46 - 47 | 58°56'23"SE | 49.99                 | 47           | 440,811.209400 | 2,237,795.786000 |
| 47 - 48 | 56°59'55"SE | 50.00                 | 48           | 440,853.142200 | 2,237,768.553100 |
| 48 - 49 | 56°39'51"SE | 50.00                 | 49           | 440,894.915300 | 2,237,741.075900 |
| 49 - 50 | 51°19'39"SE | 49.89                 | 50           | 440,933.866600 | 2,237,709.900900 |
| 50 - 51 | 68°23'11"SE | 47.78                 | 51           | 440,978.286200 | 2,237,692.301900 |
| 51 - 52 | 34°29'25"SE | 46.20                 | 52           | 441,004.446400 | 2,237,654.225100 |
| 52 - 53 | 52°45'54"SE | 38.11                 | 53           | 441,034.790200 | 2,237,631.163800 |
| 53 - 54 | 69°23'21"SE | 48.64                 | 54           | 441,080.318700 | 2,237,614.041100 |
| 54 - 55 | 84°34'59"SE | 50.00                 | 55           | 441,130.093700 | 2,237,609.321200 |
| 55 - 56 | 84°01'02"NE | 6.09                  | 56           | 441,136.153100 | 2,237,609.956200 |
| 56 - 57 | 84°01'02"NE | 43.47                 | 57           | 441,179.388500 | 2,237,614.487100 |
| 57 - 58 | 86°19'32"SE | 30.64                 | 58           | 441,209.968700 | 2,237,612.523400 |
| 58 - 59 | 86°19'33"SE | 14.57                 | 59           | 441,224.509700 | 2,237,611.589700 |
| 59 - 60 | 50°23'01"SE | 47.53                 | 60           | 441,261.123400 | 2,237,581.282800 |
| 60 - 61 | 53°00'25"SE | 49.99                 | 61           | 441,301.047100 | 2,237,551.205800 |
| 61 - 62 | 38°26'33"SE | 47.95                 | 62           | 441,330.859100 | 2,237,513.649900 |
| 62 - 63 | 20°17'53"SE | 42.79                 | 63           | 441,345.703900 | 2,237,473.515600 |
| 63 - 64 | 20°17'50"SE | 5.61                  | 64           | 441,347.651400 | 2,237,468.250100 |
| 64 - 65 | 32°19'52"SE | 49.99                 | 65           | 441,374.386600 | 2,237,426.010100 |
| 65 - 66 | 42°33'43"SE | 11.78                 | 66           | 441,382.357400 | 2,237,417.330400 |
| 66 - 67 | 42°33'39"SE | 9.26                  | 67           | 441,388.619700 | 2,237,410.510900 |
| 67 - 68 | 42°33'41"SE | 28.09                 | 68           | 441,407.617400 | 2,237,389.823100 |
| 68 - 69 | 54°42'44"SE | 4.65                  | 69           | 441,411.412700 | 2,237,387.137100 |
| 69 - 70 | 54°42'39"SE | 45.24                 | 70           | 441,448.338400 | 2,237,361.002900 |
| 70 - 71 | 56°06'48"SE | 69.74                 | 71           | 441,506.228900 | 2,237,322.122000 |
| 71 - 72 | 64°49'31"SE | 49.93                 | 72           | 441,551.420200 | 2,237,300.881200 |
| 72 - 73 | 56°11'11"SE | 48.95                 | 73           | 441,592.091600 | 2,237,273.640100 |
| 73 - 74 | 50°41'17"SE | 49.71                 | 74           | 441,630.550300 | 2,237,242.148800 |
| 74 - 75 | 43°36'09"SE | 50.00                 | 75           | 441,665.033000 | 2,237,205.941900 |
| 75 - 76 | 37°22'23"SE | 49.89                 | 76           | 441,695.318300 | 2,237,166.291900 |
| 76 - 77 | 20°19'22"SE | 50.00                 | 77           | 441,712.684000 | 2,237,119.404100 |
| 77 - 78 | 46°33'33"SE | 49.20                 | 78           | 441,748.406700 | 2,237,085.574800 |
| 78 - 79 | 41°18'23"SE | 49.98                 | 79           | 441,781.397400 | 2,237,048.031000 |
| 79 - 80 | 38°23'01"SE | 49.98                 | 80           | 441,812.431500 | 2,237,008.852900 |
| 80 - 81 | 33°21'06"SE | 49.98                 | 81           | 441,839.908900 | 2,236,967.104900 |
| 81 - 82 | 23°03'51"SE | 49.64                 | 82           | 441,859.355600 | 2,236,921.434000 |
| 82 - 83 | 52°29'18"SE | 48.35                 | 83           | 441,897.704400 | 2,236,891.995700 |
| 83 - 84 | 46°21'18"SE | 49.18                 | 84           | 441,933.293000 | 2,236,858.052100 |
| 84 - 85 | 33°16'00"SE | 49.57                 | 85           | 441,960.484900 | 2,236,816.604100 |
| 85 - 86 | 22°51'34"SE | 49.91                 | 86           | 441,979.874900 | 2,236,770.610900 |
| 86 - 87 | 34°36'20"SE | 49.85                 | 87           | 442,008.185500 | 2,236,729.581000 |
| 87 - 88 | 36°58'43"SE | 48.71                 | 88           | 442,037.487000 | 2,236,690.666700 |
| 88 - 89 | 16°49'51"SE | 49.99                 | 89           | 442,051.960600 | 2,236,642.821200 |
| 89 - 90 | 25°28'45"SE | 49.71                 | 90           | 442,073.346600 | 2,236,597.942800 |
| 90 - 91 | 26°28'05"SE | 49.28                 | 91           | 442,095.309800 | 2,236,553.829900 |
| 91 - 92 | 20°22'50"SE | 49.98                 | 92           | 442,112.717400 | 2,236,506.974000 |
| 92 - 93 | 22°32'39"SE | 49.76                 | 93           | 442,131.794600 | 2,236,461.018000 |
| 93 - 94 | 29°22'53"SE | 49.83                 | 94           | 442,156.240500 | 2,236,417.600900 |
| 94 - 95 | 19°25'00"SE | 49.39                 | 95           | 442,172.659600 | 2,236,371.019900 |
| 95 - 96 | 30°12'30"SE | 49.96                 | 96           | 442,197.797100 | 2,236,327.844100 |
| 96 - 97 | 23°36'06"SE | 49.98                 | 97           | 442,217.807800 | 2,236,282.045200 |
| 97 - 98 | 21°59'32"SE | 49.99                 | 98           | 442,236.527300 | 2,236,235.695100 |
| 98 - 99 | 21°38'58"SE | 49.99                 | 99           | 442,254.971300 | 2,236,189.228100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 99 - 100  | 21°17'53"SE | 48.01                 | 100          | 442,272.410700 | 2,236,144.494100 |
| 100 - 101 | 44°13'51"SE | 40.44                 | 101          | 442,300.623200 | 2,236,115.514000 |
| 101 - 102 | 31°52'07"SE | 27.86                 | 102          | 442,315.334700 | 2,236,091.850200 |
| 102 - 103 | 10°53'28"SW | 49.88                 | 103          | 442,305.910200 | 2,236,042.868800 |
| 103 - 104 | 11°11'47"SE | 49.94                 | 104          | 442,315.606700 | 2,235,993.882900 |
| 104 - 105 | 49°01'15"SE | 48.05                 | 105          | 442,351.884900 | 2,235,962.369900 |
| 105 - 106 | 28°43'09"SE | 48.22                 | 106          | 442,375.055500 | 2,235,920.081800 |
| 106 - 107 | 24°13'39"SE | 50.00                 | 107          | 442,395.573800 | 2,235,874.485200 |
| 107 - 108 | 26°07'46"SE | 49.97                 | 108          | 442,417.579300 | 2,235,829.624900 |
| 108 - 109 | 28°23'34"SE | 50.00                 | 109          | 442,441.355200 | 2,235,785.639300 |
| 109 - 110 | 33°27'09"SE | 49.92                 | 110          | 442,468.874200 | 2,235,743.987700 |
| 110 - 111 | 14°13'56"SE | 47.57                 | 111          | 442,480.568600 | 2,235,697.881000 |
| 111 - 112 | 61°08'56"SW | 43.74                 | 112          | 442,442.253800 | 2,235,676.772800 |
| 112 - 113 | 00°26'46"SE | 40.00                 | 113          | 442,442.565400 | 2,235,636.770100 |
| 113 - 114 | 19°03'43"SE | 9.24                  | 114          | 442,445.582400 | 2,235,628.038800 |
| 114 - 115 | 19°03'42"SE | 40.66                 | 115          | 442,458.862600 | 2,235,589.605100 |
| 115 - 116 | 23°39'08"SE | 49.99                 | 116          | 442,478.919100 | 2,235,543.811700 |
| 116 - 117 | 22°19'34"SE | 13.55                 | 117          | 442,484.068200 | 2,235,531.273300 |
| 117 - 118 | 22°19'35"SE | 36.45                 | 118          | 442,497.913200 | 2,235,497.560100 |
| 118 - 119 | 20°34'31"SE | 49.99                 | 119          | 442,515.481800 | 2,235,450.758800 |
| 119 - 120 | 20°09'57"SE | 19.56                 | 120          | 442,522.225500 | 2,235,432.396200 |
| 120 - 121 | 20°09'57"SE | 30.44                 | 121          | 442,532.718700 | 2,235,403.824100 |
| 121 - 122 | 19°40'49"SE | 49.99                 | 122          | 442,549.555300 | 2,235,356.750800 |
| 122 - 123 | 18°30'06"SE | 25.53                 | 123          | 442,557.657900 | 2,235,332.537300 |
| 123 - 124 | 18°30'05"SE | 24.47                 | 124          | 442,565.422000 | 2,235,309.335000 |
| 124 - 125 | 18°30'22"SE | 35.42                 | 125          | 442,576.665000 | 2,235,275.745200 |
| 125 - 126 | 18°30'21"SE | 14.58                 | 126          | 442,581.292200 | 2,235,261.920700 |
| 126 - 127 | 18°34'12"SE | 50.00                 | 127          | 442,597.215500 | 2,235,214.524000 |
| 127 - 128 | 18°43'22"SE | 50.00                 | 128          | 442,613.264700 | 2,235,167.171300 |
| 128 - 129 | 18°24'15"SE | 49.99                 | 129          | 442,629.048900 | 2,235,119.734200 |
| 129 - 130 | 18°23'25"SE | 50.00                 | 130          | 442,644.822600 | 2,235,072.290200 |
| 130 - 131 | 19°18'40"SE | 33.00                 | 131          | 442,655.735300 | 2,235,041.147900 |
| 131 - 132 | 19°18'40"SE | 16.98                 | 132          | 442,661.350700 | 2,235,025.123000 |
| 132 - 133 | 18°27'56"SE | 50.00                 | 133          | 442,677.187000 | 2,234,977.699200 |
| 133 - 134 | 19°10'53"SE | 50.00                 | 134          | 442,693.615100 | 2,234,930.475200 |
| 134 - 135 | 19°17'24"SE | 50.00                 | 135          | 442,710.132600 | 2,234,883.282800 |
| 135 - 136 | 19°17'23"SE | 50.00                 | 136          | 442,726.650100 | 2,234,836.089800 |
| 136 - 137 | 19°17'24"SE | 50.00                 | 137          | 442,743.167600 | 2,234,788.896900 |
| 137 - 138 | 07°25'28"SE | 49.87                 | 138          | 442,749.611800 | 2,234,739.446200 |
| 138 - 139 | 10°32'20"SE | 49.81                 | 139          | 442,758.721900 | 2,234,690.479000 |
| 139 - 140 | 16°04'53"SE | 50.00                 | 140          | 442,772.572200 | 2,234,642.435800 |
| 140 - 141 | 15°09'11"SE | 49.99                 | 141          | 442,785.640700 | 2,234,594.179800 |
| 141 - 142 | 14°19'41"SE | 4.97                  | 142          | 442,786.870500 | 2,234,589.365000 |
| 142 - 143 | 14°19'44"SE | 45.03                 | 143          | 442,798.015100 | 2,234,545.735100 |
| 143 - 144 | 14°03'04"SE | 21.54                 | 144          | 442,803.245700 | 2,234,524.835900 |
| 144 - 145 | 14°03'03"SE | 9.86                  | 145          | 442,805.639400 | 2,234,515.271500 |
| 145 - 146 | 14°03'04"SE | 18.59                 | 146          | 442,810.154000 | 2,234,497.233000 |
| 146 - 147 | 15°18'14"SE | 49.98                 | 147          | 442,823.346100 | 2,234,449.024000 |
| 147 - 148 | 17°18'00"SE | 40.07                 | 148          | 442,835.262800 | 2,234,410.764300 |
| 148 - 149 | 17°18'01"SE | 9.93                  | 149          | 442,838.215000 | 2,234,401.286100 |
| 149 - 150 | 17°18'00"SE | 50.00                 | 150          | 442,853.083900 | 2,234,353.548000 |
| 150 - 151 | 16°54'41"SE | 50.00                 | 151          | 442,867.628500 | 2,234,305.710900 |
| 151 - 152 | 17°02'49"SE | 50.00                 | 152          | 442,882.285600 | 2,234,257.909800 |
| 152 - 153 | 16°22'24"SE | 50.00                 | 153          | 442,896.380300 | 2,234,209.938100 |
| 153 - 154 | 16°15'49"SE | 12.79                 | 154          | 442,899.961700 | 2,234,197.661800 |
| 154 - 155 | 16°15'48"SE | 37.21                 | 155          | 442,910.383000 | 2,234,161.939000 |
| 155 - 156 | 16°15'48"SE | 18.94                 | 156          | 442,915.686900 | 2,234,143.757900 |
| 156 - 157 | 16°15'48"SE | 31.06                 | 157          | 442,924.385600 | 2,234,113.939900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 157 - 158 | 18°52'14"SE | 49.98                 | 158          | 442,940.550500 | 2,234,066.646800 |
| 158 - 159 | 19°26'24"SE | 49.96                 | 159          | 442,957.179200 | 2,234,019.532200 |
| 159 - 160 | 16°05'27"SE | 50.00                 | 160          | 442,971.037200 | 2,233,971.491200 |
| 160 - 161 | 16°05'27"SE | 50.00                 | 161          | 442,984.895300 | 2,233,923.450100 |
| 161 - 162 | 16°05'26"SE | 50.00                 | 162          | 442,998.753300 | 2,233,875.408900 |
| 162 - 163 | 16°56'31"SE | 49.99                 | 163          | 443,013.321400 | 2,233,827.585900 |
| 163 - 164 | 10°22'04"SE | 49.87                 | 164          | 443,022.296900 | 2,233,778.528100 |
| 164 - 165 | 11°08'03"SE | 50.00                 | 165          | 443,031.952400 | 2,233,729.469200 |
| 165 - 166 | 11°08'03"SE | 50.00                 | 166          | 443,041.607800 | 2,233,680.410200 |
| 166 - 167 | 11°23'08"SE | 50.00                 | 167          | 443,051.478300 | 2,233,631.395100 |
| 167 - 168 | 12°14'25"SE | 49.99                 | 168          | 443,062.077500 | 2,233,582.539100 |
| 168 - 169 | 11°25'21"SE | 50.00                 | 169          | 443,071.979800 | 2,233,533.529700 |
| 169 - 170 | 11°49'53"SE | 50.00                 | 170          | 443,082.231600 | 2,233,484.591900 |
| 170 - 171 | 11°40'53"SE | 50.00                 | 171          | 443,092.354700 | 2,233,435.630000 |
| 171 - 172 | 09°19'25"SE | 50.00                 | 172          | 443,100.455300 | 2,233,386.290900 |
| 172 - 173 | 09°19'24"SE | 50.00                 | 173          | 443,108.555700 | 2,233,336.951100 |
| 173 - 174 | 09°38'54"SE | 50.00                 | 174          | 443,116.935500 | 2,233,287.661000 |
| 174 - 175 | 06°05'31"SE | 49.98                 | 175          | 443,122.239800 | 2,233,237.962000 |
| 175 - 176 | 05°01'09"SE | 50.00                 | 176          | 443,126.614400 | 2,233,188.153900 |
| 176 - 177 | 05°01'41"SE | 11.73                 | 177          | 443,127.642600 | 2,233,176.467500 |
| 177 - 178 | 05°01'42"SE | 38.27                 | 178          | 443,130.996800 | 2,233,138.346200 |
| 178 - 179 | 05°34'10"SE | 23.82                 | 179          | 443,133.308400 | 2,233,114.640900 |
| 179 - 180 | 05°34'10"SE | 26.18                 | 180          | 443,135.849200 | 2,233,088.584900 |
| 180 - 181 | 04°42'25"SE | 50.00                 | 181          | 443,139.952200 | 2,233,038.753800 |
| 181 - 182 | 04°40'00"SE | 50.00                 | 182          | 443,144.020300 | 2,232,988.919900 |
| 182 - 183 | 08°44'09"SE | 49.96                 | 183          | 443,151.608300 | 2,232,939.539800 |
| 183 - 184 | 10°05'21"SE | 50.00                 | 184          | 443,160.367500 | 2,232,890.312800 |
| 184 - 185 | 10°05'21"SE | 50.00                 | 185          | 443,169.126700 | 2,232,841.085900 |
| 185 - 186 | 10°05'21"SE | 50.00                 | 186          | 443,177.885900 | 2,232,791.859000 |
| 186 - 187 | 10°05'21"SE | 50.00                 | 187          | 443,186.645100 | 2,232,742.632100 |
| 187 - 188 | 15°43'27"SE | 50.00                 | 188          | 443,200.195100 | 2,232,694.505100 |
| 188 - 189 | 15°45'45"SE | 50.00                 | 189          | 443,213.777700 | 2,232,646.385200 |
| 189 - 190 | 08°21'17"SE | 48.92                 | 190          | 443,220.885500 | 2,232,597.986900 |
| 190 - 191 | 07°32'23"SE | 49.40                 | 191          | 443,227.367200 | 2,232,549.017100 |
| 191 - 192 | 09°44'28"SE | 49.99                 | 192          | 443,235.825400 | 2,232,499.748100 |
| 192 - 193 | 15°41'18"SE | 50.00                 | 193          | 443,249.345600 | 2,232,451.611000 |
| 193 - 194 | 15°31'09"SE | 49.99                 | 194          | 443,262.722300 | 2,232,403.438900 |
| 194 - 195 | 11°05'30"SE | 50.00                 | 195          | 443,272.341300 | 2,232,354.372800 |
| 195 - 196 | 13°16'32"SE | 49.80                 | 196          | 443,283.778100 | 2,232,305.900200 |
| 196 - 197 | 26°27'15"SE | 49.99                 | 197          | 443,306.046300 | 2,232,261.147900 |
| 197 - 198 | 17°51'38"SE | 49.69                 | 198          | 443,321.286300 | 2,232,213.852900 |
| 198 - 199 | 11°52'14"SE | 99.99                 | 199          | 443,341.853900 | 2,232,116.004200 |
| 199 - 200 | 12°46'27"SE | 49.98                 | 200          | 443,352.904100 | 2,232,067.265800 |
| 200 - 201 | 04°58'21"SW | 46.94                 | 201          | 443,348.835100 | 2,232,020.501000 |
| 201 - 202 | 19°51'56"SW | 44.25                 | 202          | 443,333.796600 | 2,231,978.879800 |
| 202 - 203 | 17°16'20"SE | 47.70                 | 203          | 443,347.960000 | 2,231,933.328800 |
| 203 - 204 | 20°36'12"SE | 47.77                 | 204          | 443,364.771100 | 2,231,888.612000 |
| 204 - 205 | 42°00'18"SW | 37.47                 | 205          | 443,339.697500 | 2,231,860.769900 |
| 205 - 206 | 01°51'15"SE | 49.75                 | 206          | 443,341.307300 | 2,231,811.048900 |
| 206 - 207 | 05°18'27"SE | 48.86                 | 207          | 443,345.827300 | 2,231,762.396000 |
| 207 - 208 | 05°44'56"SE | 49.94                 | 208          | 443,350.829800 | 2,231,712.707200 |
| 208 - 209 | 28°07'39"SW | 48.85                 | 209          | 443,327.801100 | 2,231,669.628100 |
| 209 - 210 | 29°00'36"SW | 49.58                 | 210          | 443,303.758100 | 2,231,626.271300 |
| 210 - 211 | 12°40'05"SW | 50.00                 | 211          | 443,292.792900 | 2,231,577.488800 |
| 211 - 212 | 12°40'04"SW | 50.00                 | 212          | 443,281.827800 | 2,231,528.705800 |
| 212 - 213 | 12°40'05"SW | 50.00                 | 213          | 443,270.862600 | 2,231,479.922900 |
| 213 - 214 | 17°05'20"SW | 49.89                 | 214          | 443,256.201800 | 2,231,432.234900 |
| 214 - 215 | 20°20'00"SW | 50.00                 | 215          | 443,238.827700 | 2,231,385.350700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 215 - 216 | 20°20'00"SW | 50.00                 | 216          | 443,221.453500 | 2,231,338.466100 |
| 216 - 217 | 22°08'04"SW | 49.96                 | 217          | 443,202.628600 | 2,231,292.186200 |
| 217 - 218 | 24°54'17"SW | 50.00                 | 218          | 443,181.573000 | 2,231,246.836000 |
| 218 - 219 | 24°54'16"SW | 50.00                 | 219          | 443,160.517400 | 2,231,201.485300 |
| 219 - 220 | 24°54'17"SW | 50.00                 | 220          | 443,139.461900 | 2,231,156.135000 |
| 220 - 221 | 24°54'17"SW | 50.00                 | 221          | 443,118.406300 | 2,231,110.784800 |
| 221 - 222 | 22°44'35"SW | 49.93                 | 222          | 443,099.103600 | 2,231,064.737800 |
| 222 - 223 | 18°26'06"SW | 50.00                 | 223          | 443,083.292100 | 2,231,017.303800 |
| 223 - 224 | 18°26'04"SW | 50.00                 | 224          | 443,067.480800 | 2,230,969.869200 |
| 224 - 225 | 18°26'05"SW | 28.99                 | 225          | 443,058.313600 | 2,230,942.367500 |
| 225 - 226 | 18°26'06"SW | 21.01                 | 226          | 443,051.669400 | 2,230,922.435100 |
| 226 - 227 | 19°48'20"SW | 49.99                 | 227          | 443,034.729800 | 2,230,875.398300 |
| 227 - 228 | 20°22'35"SW | 50.00                 | 228          | 443,017.320500 | 2,230,828.527100 |
| 228 - 229 | 20°22'35"SW | 47.71                 | 229          | 443,000.706900 | 2,230,783.798400 |
| 229 - 230 | 20°22'39"SW | 2.29                  | 230          | 442,999.911100 | 2,230,781.656000 |
| 230 - 231 | 34°45'50"SW | 49.14                 | 231          | 442,971.888800 | 2,230,741.283000 |
| 231 - 232 | 42°34'49"SW | 65.38                 | 232          | 442,927.654000 | 2,230,693.145000 |
| 232 - 233 | 42°34'50"SW | 34.62                 | 233          | 442,904.226200 | 2,230,667.650100 |
| 233 - 234 | 42°34'49"SW | 50.00                 | 234          | 442,870.395000 | 2,230,630.833800 |
| 234 - 235 | 31°35'52"SW | 49.18                 | 235          | 442,844.625300 | 2,230,588.942200 |
| 235 - 236 | 21°48'05"SW | 50.00                 | 236          | 442,826.055800 | 2,230,542.518800 |
| 236 - 237 | 21°48'04"SW | 50.00                 | 237          | 442,807.486300 | 2,230,496.094900 |
| 237 - 238 | 10°50'52"SW | 49.63                 | 238          | 442,798.145800 | 2,230,447.351800 |
| 238 - 239 | 09°05'05"SW | 49.70                 | 239          | 442,790.298900 | 2,230,398.278900 |
| 239 - 240 | 05°32'30"SW | 49.97                 | 240          | 442,785.473500 | 2,230,348.546100 |
| 240 - 241 | 01°30'43"SW | 50.00                 | 241          | 442,784.154200 | 2,230,298.563200 |
| 241 - 242 | 01°30'42"SW | 50.00                 | 242          | 442,782.835000 | 2,230,248.581000 |
| 242 - 243 | 01°30'42"SW | 50.00                 | 243          | 442,781.515800 | 2,230,198.598200 |
| 243 - 244 | 03°29'11"SW | 49.95                 | 244          | 442,778.478400 | 2,230,148.742800 |
| 244 - 245 | 00°08'50"SE | 49.83                 | 245          | 442,778.606500 | 2,230,098.916100 |
| 245 - 246 | 07°14'11"SE | 49.98                 | 246          | 442,784.901900 | 2,230,049.336700 |
| 246 - 247 | 07°59'21"SE | 50.00                 | 247          | 442,791.851300 | 2,229,999.821900 |
| 247 - 248 | 14°56'20"SE | 49.97                 | 248          | 442,804.732900 | 2,229,951.542000 |
| 248 - 249 | 15°31'39"SE | 50.00                 | 249          | 442,818.118000 | 2,229,903.366900 |
| 249 - 250 | 06°33'17"SE | 49.19                 | 250          | 442,823.732800 | 2,229,854.502200 |
| 250 - 251 | 05°23'22"SW | 50.00                 | 251          | 442,819.036600 | 2,229,804.723800 |
| 251 - 252 | 05°23'21"SW | 50.00                 | 252          | 442,814.340500 | 2,229,754.944800 |
| 252 - 253 | 05°23'21"SW | 50.00                 | 253          | 442,809.644400 | 2,229,705.165800 |
| 253 - 254 | 05°33'37"SW | 50.00                 | 254          | 442,804.799900 | 2,229,655.403900 |
| 254 - 255 | 07°56'36"SW | 50.00                 | 255          | 442,797.890100 | 2,229,605.883900 |
| 255 - 256 | 07°56'35"SW | 50.00                 | 256          | 442,790.980400 | 2,229,556.363200 |
| 256 - 257 | 07°56'36"SW | 50.00                 | 257          | 442,784.070500 | 2,229,506.843100 |
| 257 - 258 | 10°16'37"SW | 49.96                 | 258          | 442,775.157300 | 2,229,457.684800 |
| 258 - 259 | 19°55'04"SW | 49.18                 | 259          | 442,758.403600 | 2,229,411.448100 |
| 259 - 260 | 26°33'14"SW | 49.87                 | 260          | 442,736.108900 | 2,229,366.837200 |
| 260 - 261 | 11°31'40"SW | 48.35                 | 261          | 442,726.445400 | 2,229,319.458300 |
| 261 - 262 | 04°17'31"SE | 49.25                 | 262          | 442,730.131400 | 2,229,270.345900 |
| 262 - 263 | 05°12'21"SW | 50.00                 | 263          | 442,725.594500 | 2,229,220.552000 |
| 263 - 264 | 05°12'22"SW | 80.36                 | 264          | 442,718.302300 | 2,229,140.519200 |
| 264 - 265 | 05°12'23"SW | 19.64                 | 265          | 442,716.520500 | 2,229,120.964800 |
| 265 - 266 | 03°17'39"SW | 49.99                 | 266          | 442,713.648000 | 2,229,071.059800 |
| 266 - 267 | 02°26'11"SW | 50.00                 | 267          | 442,711.522300 | 2,229,021.105000 |
| 267 - 268 | 02°26'11"SW | 50.00                 | 268          | 442,709.396600 | 2,228,971.150100 |
| 268 - 269 | 02°26'12"SW | 22.69                 | 269          | 442,708.432100 | 2,228,948.485100 |
| 269 - 270 | 02°26'12"SW | 27.31                 | 270          | 442,707.270800 | 2,228,921.195200 |
| 270 - 271 | 00°24'06"SW | 49.99                 | 271          | 442,706.920200 | 2,228,871.202900 |
| 271 - 272 | 00°00'00"SE | 50.00                 | 272          | 442,706.920200 | 2,228,821.202800 |
| 272 - 273 | 00°00'00"SE | 50.00                 | 273          | 442,706.920200 | 2,228,771.202800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 273 - 274 | 00°00'00"SE | 17.78                 | 274          | 442,706.920200 | 2,228,753.426100 |
| 274 - 275 | 04°47'36"SE | 81.98                 | 275          | 442,713.771100 | 2,228,671.728700 |
| 275 - 276 | 02°43'54"SE | 49.89                 | 276          | 442,716.148800 | 2,228,621.899000 |
| 276 - 277 | 05°54'28"SE | 49.88                 | 277          | 442,721.283500 | 2,228,572.279200 |
| 277 - 278 | 15°51'46"SE | 10.92                 | 278          | 442,724.268100 | 2,228,561.775800 |
| 278 - 279 | 15°51'46"SE | 38.46                 | 279          | 442,734.781100 | 2,228,524.778800 |
| 279 - 280 | 06°42'43"SE | 49.95                 | 280          | 442,740.619700 | 2,228,475.167800 |
| 280 - 281 | 09°11'30"SE | 49.74                 | 281          | 442,748.565000 | 2,228,426.067800 |
| 281 - 282 | 01°57'24"SE | 49.88                 | 282          | 442,750.268100 | 2,228,376.218200 |
| 282 - 283 | 05°09'13"SE | 49.99                 | 283          | 442,754.758900 | 2,228,326.426800 |
| 283 - 284 | 12°28'54"SE | 49.94                 | 284          | 442,765.553100 | 2,228,277.664200 |
| 284 - 285 | 08°50'49"SE | 49.75                 | 285          | 442,773.204200 | 2,228,228.508100 |
| 285 - 286 | 07°39'59"SE | 49.78                 | 286          | 442,779.844900 | 2,228,179.175800 |
| 286 - 287 | 08°26'29"SE | 49.72                 | 287          | 442,787.143200 | 2,228,129.998900 |
| 287 - 288 | 05°33'10"SE | 50.00                 | 288          | 442,791.981400 | 2,228,080.233200 |
| 288 - 289 | 03°32'38"SW | 47.34                 | 289          | 442,789.055100 | 2,228,032.983800 |
| 289 - 290 | 24°24'02"SE | 49.22                 | 290          | 442,809.389700 | 2,227,988.157800 |
| 290 - 291 | 10°03'52"SE | 49.90                 | 291          | 442,818.109700 | 2,227,939.027800 |
| 291 - 292 | 04°27'41"SE | 50.00                 | 292          | 442,821.999300 | 2,227,889.179100 |
| 292 - 293 | 04°27'42"SE | 50.00                 | 293          | 442,825.888900 | 2,227,839.330800 |
| 293 - 294 | 11°18'17"SE | 49.91                 | 294          | 442,835.671700 | 2,227,790.393700 |
| 294 - 295 | 19°28'55"SE | 49.73                 | 295          | 442,852.257600 | 2,227,743.510100 |
| 295 - 296 | 12°24'43"SE | 49.69                 | 296          | 442,862.937800 | 2,227,694.983100 |
| 296 - 297 | 08°24'53"SE | 49.84                 | 297          | 442,870.231300 | 2,227,645.679800 |
| 297 - 298 | 07°56'42"SE | 49.28                 | 298          | 442,877.043100 | 2,227,596.872000 |
| 298 - 299 | 15°08'21"SE | 48.86                 | 299          | 442,889.803900 | 2,227,549.707100 |
| 299 - 300 | 07°10'58"SE | 49.29                 | 300          | 442,895.967500 | 2,227,500.800100 |
| 300 - 301 | 05°05'20"SE | 49.83                 | 301          | 442,900.387700 | 2,227,451.165000 |
| 301 - 302 | 22°26'29"SE | 49.91                 | 302          | 442,919.440900 | 2,227,405.033100 |
| 302 - 303 | 04°20'08"SE | 49.69                 | 303          | 442,923.197300 | 2,227,355.489000 |
| 303 - 304 | 14°55'27"SW | 49.64                 | 304          | 442,910.413000 | 2,227,307.524200 |
| 304 - 305 | 19°07'44"SW | 49.75                 | 305          | 442,894.108900 | 2,227,260.518000 |
| 305 - 306 | 19°34'23"SW | 49.86                 | 306          | 442,877.406500 | 2,227,213.542800 |
| 306 - 307 | 45°56'40"SW | 45.37                 | 307          | 442,844.801000 | 2,227,181.994900 |
| 307 - 308 | 15°13'43"SW | 49.21                 | 308          | 442,831.873700 | 2,227,134.508900 |
| 308 - 309 | 11°41'32"SE | 46.30                 | 309          | 442,841.255900 | 2,227,089.173200 |
| 309 - 310 | 25°13'53"SW | 49.86                 | 310          | 442,820.003300 | 2,227,044.073800 |
| 310 - 311 | 07°40'02"SW | 49.18                 | 311          | 442,813.441600 | 2,226,995.334200 |
| 311 - 312 | 17°49'08"SW | 50.00                 | 312          | 442,798.141100 | 2,226,947.732900 |
| 312 - 313 | 17°49'07"SW | 50.00                 | 313          | 442,782.840600 | 2,226,900.131200 |
| 313 - 314 | 09°12'26"SW | 49.98                 | 314          | 442,774.842700 | 2,226,850.790900 |
| 314 - 315 | 08°58'21"SW | 50.00                 | 315          | 442,767.044600 | 2,226,801.402800 |
| 315 - 316 | 11°07'28"SW | 49.89                 | 316          | 442,757.419500 | 2,226,752.454200 |
| 316 - 317 | 08°19'32"SE | 49.39                 | 317          | 442,764.571500 | 2,226,703.582900 |
| 317 - 318 | 03°43'47"SE | 49.21                 | 318          | 442,767.772800 | 2,226,654.475800 |
| 318 - 319 | 16°02'04"SE | 50.00                 | 319          | 442,781.583800 | 2,226,606.421000 |
| 319 - 320 | 19°23'24"SE | 49.88                 | 320          | 442,798.145000 | 2,226,559.367100 |
| 320 - 321 | 23°57'45"SE | 50.00                 | 321          | 442,818.452000 | 2,226,513.676800 |
| 321 - 322 | 02°05'14"SE | 48.76                 | 322          | 442,820.228000 | 2,226,464.947000 |
| 322 - 323 | 11°35'14"SE | 49.93                 | 323          | 442,830.257800 | 2,226,416.031200 |
| 323 - 324 | 03°13'40"SW | 49.99                 | 324          | 442,827.443200 | 2,226,366.124000 |
| 324 - 325 | 11°19'37"SE | 49.21                 | 325          | 442,837.108900 | 2,226,317.870100 |
| 325 - 326 | 13°19'23"SE | 48.17                 | 326          | 442,848.210400 | 2,226,270.992200 |
| 326 - 327 | 09°16'35"SW | 50.00                 | 327          | 442,840.150500 | 2,226,221.646100 |
| 327 - 328 | 09°06'39"SW | 49.99                 | 328          | 442,832.234900 | 2,226,172.288300 |
| 328 - 329 | 09°18'02"SW | 8.46                  | 329          | 442,830.867900 | 2,226,163.941100 |
| 329 - 330 | 09°18'02"SW | 41.02                 | 330          | 442,824.239300 | 2,226,123.465200 |
| 330 - 331 | 02°02'42"SE | 46.07                 | 331          | 442,825.883500 | 2,226,077.423000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 331 - 332 | 02°02'37"SE | 3.93                  | 332          | 442,826.023600 | 2,226,073.497000 |
| 332 - 333 | 07°49'00"SE | 49.91                 | 333          | 442,832.811700 | 2,226,024.050100 |
| 333 - 334 | 06°22'26"SE | 49.51                 | 334          | 442,838.307900 | 2,225,974.849000 |
| 334 - 335 | 04°49'56"SE | 49.53                 | 335          | 442,842.480100 | 2,225,925.497200 |
| 335 - 336 | 01°04'57"SE | 49.74                 | 336          | 442,843.419800 | 2,225,875.766200 |
| 336 - 337 | 02°29'56"SW | 50.00                 | 337          | 442,841.239700 | 2,225,825.814000 |
| 337 - 338 | 01°32'23"SW | 49.74                 | 338          | 442,839.903000 | 2,225,776.089800 |
| 338 - 339 | 02°48'12"SW | 49.95                 | 339          | 442,837.459700 | 2,225,726.197100 |
| 339 - 340 | 08°14'01"SW | 38.54                 | 340          | 442,831.939800 | 2,225,688.050600 |
| 340 - 341 | 08°14'02"SW | 11.08                 | 341          | 442,830.352400 | 2,225,677.081000 |
| 341 - 342 | 04°17'13"SE | 9.59                  | 342          | 442,831.069100 | 2,225,667.520600 |
| 342 - 343 | 04°17'16"SE | 40.34                 | 343          | 442,834.085400 | 2,225,627.292100 |
| 343 - 344 | 12°58'55"SE | 49.54                 | 344          | 442,845.213900 | 2,225,579.020200 |
| 344 - 345 | 15°27'34"SE | 49.65                 | 345          | 442,858.449600 | 2,225,531.162900 |
| 345 - 346 | 15°19'00"SE | 49.94                 | 346          | 442,871.642300 | 2,225,482.993900 |
| 346 - 347 | 15°46'01"SE | 49.94                 | 347          | 442,885.212400 | 2,225,434.932900 |
| 347 - 348 | 24°56'25"SE | 49.30                 | 348          | 442,906.001100 | 2,225,390.230100 |
| 348 - 349 | 11°00'02"SE | 49.92                 | 349          | 442,915.527200 | 2,225,341.225200 |
| 349 - 350 | 14°38'29"SE | 49.96                 | 350          | 442,928.156300 | 2,225,292.884900 |
| 350 - 351 | 17°33'52"SE | 49.83                 | 351          | 442,943.194200 | 2,225,245.377800 |
| 351 - 352 | 14°28'15"SE | 49.98                 | 352          | 442,955.684200 | 2,225,196.981200 |
| 352 - 353 | 13°50'20"SE | 49.94                 | 353          | 442,967.630000 | 2,225,148.489100 |
| 353 - 354 | 05°36'53"SE | 49.83                 | 354          | 442,972.505700 | 2,225,098.896200 |
| 354 - 355 | 04°08'29"SE | 49.97                 | 355          | 442,976.115000 | 2,225,049.051900 |
| 355 - 356 | 02°36'42"SE | 49.98                 | 356          | 442,978.392800 | 2,224,999.120100 |
| 356 - 357 | 07°47'04"SE | 49.86                 | 357          | 442,985.146000 | 2,224,949.721100 |
| 357 - 358 | 09°40'42"SE | 49.86                 | 358          | 442,993.527600 | 2,224,900.575200 |
| 358 - 359 | 01°59'50"SE | 49.73                 | 359          | 442,995.260900 | 2,224,850.874900 |
| 359 - 360 | 02°31'21"SE | 49.86                 | 360          | 442,997.455400 | 2,224,801.062200 |
| 360 - 361 | 07°27'25"SE | 49.71                 | 361          | 443,003.907600 | 2,224,751.767800 |
| 361 - 362 | 07°07'08"SE | 49.49                 | 362          | 443,010.041000 | 2,224,702.658200 |
| 362 - 363 | 00°18'01"SW | 49.82                 | 363          | 443,009.779900 | 2,224,652.841200 |
| 363 - 364 | 06°37'57"SE | 50.00                 | 364          | 443,015.555000 | 2,224,603.176200 |
| 364 - 365 | 02°40'01"SE | 49.78                 | 365          | 443,017.871300 | 2,224,553.451900 |
| 365 - 366 | 05°59'51"SE | 49.80                 | 366          | 443,023.074300 | 2,224,503.928200 |
| 366 - 367 | 00°08'25"SW | 20.76                 | 367          | 443,023.023400 | 2,224,483.168900 |
| 367 - 368 | 00°08'25"SW | 6.69                  | 368          | 443,023.007000 | 2,224,476.475900 |
| 368 - 369 | 00°08'25"SW | 22.34                 | 369          | 443,022.952200 | 2,224,454.131800 |
| 369 - 370 | 05°53'29"SE | 49.82                 | 370          | 443,028.066200 | 2,224,404.573800 |
| 370 - 371 | 06°19'40"SE | 49.99                 | 371          | 443,033.576100 | 2,224,354.887300 |
| 371 - 372 | 03°22'05"SE | 49.96                 | 372          | 443,036.511000 | 2,224,305.017900 |
| 372 - 373 | 07°32'47"SE | 29.71                 | 373          | 443,040.413000 | 2,224,275.563600 |
| 373 - 374 | 07°32'47"SE | 7.16                  | 374          | 443,041.352900 | 2,224,268.468900 |
| 374 - 375 | 07°32'47"SE | 13.12                 | 375          | 443,043.075400 | 2,224,255.466800 |
| 375 - 376 | 01°49'02"SE | 9.13                  | 376          | 443,043.364900 | 2,224,246.342700 |
| 376 - 377 | 01°49'04"SE | 37.66                 | 377          | 443,044.559400 | 2,224,208.705800 |
| 377 - 378 | 01°49'05"SE | 3.19                  | 378          | 443,044.660600 | 2,224,205.517800 |
| 378 - 379 | 05°21'23"SE | 46.35                 | 379          | 443,048.987800 | 2,224,159.367100 |
| 379 - 380 | 05°21'27"SE | 3.59                  | 380          | 443,049.322600 | 2,224,155.797200 |
| 380 - 381 | 00°11'26"SW | 49.37                 | 381          | 443,049.158300 | 2,224,106.426300 |
| 381 - 382 | 15°12'21"SE | 7.37                  | 382          | 443,051.091900 | 2,224,099.312400 |
| 382 - 383 | 15°12'25"SE | 40.02                 | 383          | 443,061.588800 | 2,224,060.695900 |
| 383 - 384 | 02°09'12"SW | 49.79                 | 384          | 443,059.717900 | 2,224,010.942000 |
| 384 - 385 | 04°08'32"SW | 49.75                 | 385          | 443,056.124100 | 2,223,961.319800 |
| 385 - 386 | 01°16'42"SW | 49.93                 | 386          | 443,055.010100 | 2,223,911.405100 |
| 386 - 387 | 05°52'10"SW | 5.52                  | 387          | 443,054.445800 | 2,223,905.915900 |
| 387 - 388 | 05°52'11"SW | 43.70                 | 388          | 443,049.977100 | 2,223,862.448800 |
| 388 - 389 | 04°03'32"SE | 49.80                 | 389          | 443,053.502200 | 2,223,812.774200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 389 - 390 | 02°21'42"SW | 49.88                 | 390          | 443,051.446600 | 2,223,762.937300 |
| 390 - 391 | 04°39'00"SW | 49.91                 | 391          | 443,047.400500 | 2,223,713.194800 |
| 391 - 392 | 00°48'41"SE | 49.84                 | 392          | 443,048.106500 | 2,223,663.359900 |
| 392 - 393 | 03°47'58"SW | 49.91                 | 393          | 443,044.799000 | 2,223,613.557800 |
| 393 - 394 | 02°03'58"SW | 49.99                 | 394          | 443,042.996400 | 2,223,563.595700 |
| 394 - 395 | 02°24'53"SW | 2.69                  | 395          | 443,042.883100 | 2,223,560.909200 |
| 395 - 396 | 02°24'54"SW | 47.31                 | 396          | 443,040.889500 | 2,223,513.640100 |
| 396 - 397 | 02°24'53"SW | 22.80                 | 397          | 443,039.929000 | 2,223,490.864600 |
| 397 - 398 | 02°24'54"SW | 27.20                 | 398          | 443,038.782600 | 2,223,463.684700 |
| 398 - 399 | 02°24'54"SW | 50.00                 | 399          | 443,036.675700 | 2,223,413.729000 |
| 399 - 400 | 02°18'36"SW | 50.00                 | 400          | 443,034.660500 | 2,223,363.773900 |
| 400 - 401 | 01°44'31"SW | 49.75                 | 401          | 443,033.148200 | 2,223,314.049100 |
| 401 - 402 | 00°02'10"SE | 49.68                 | 402          | 443,033.179700 | 2,223,264.370100 |
| 402 - 403 | 00°37'26"SW | 49.93                 | 403          | 443,032.636000 | 2,223,214.447200 |
| 403 - 404 | 01°56'34"SW | 49.94                 | 404          | 443,030.942900 | 2,223,164.534800 |
| 404 - 405 | 02°26'46"SE | 48.79                 | 405          | 443,033.025500 | 2,223,115.784800 |
| 405 - 406 | 01°02'33"SW | 49.97                 | 406          | 443,032.116400 | 2,223,065.827200 |
| 406 - 407 | 00°24'29"SE | 31.70                 | 407          | 443,032.342200 | 2,223,034.123800 |
| 407 - 408 | 00°24'28"SE | 18.29                 | 408          | 443,032.472400 | 2,223,015.834100 |
| 408 - 409 | 06°45'44"SW | 28.64                 | 409          | 443,029.099400 | 2,222,987.388800 |
| 409 - 410 | 06°45'43"SW | 21.18                 | 410          | 443,026.605000 | 2,222,966.351800 |
| 410 - 411 | 05°08'47"SW | 49.89                 | 411          | 443,022.130100 | 2,222,916.667200 |
| 411 - 412 | 06°57'52"SW | 11.99                 | 412          | 443,020.676400 | 2,222,904.766800 |
| 412 - 413 | 06°57'50"SW | 37.91                 | 413          | 443,016.079800 | 2,222,867.135800 |
| 413 - 414 | 01°25'57"SE | 49.38                 | 414          | 443,017.314300 | 2,222,817.770200 |
| 414 - 415 | 07°12'59"SW | 39.41                 | 415          | 443,012.363700 | 2,222,778.672500 |
| 415 - 416 | 07°13'00"SW | 10.58                 | 416          | 443,011.034200 | 2,222,768.173100 |
| 416 - 417 | 18°02'35"SW | 49.67                 | 417          | 442,995.649900 | 2,222,720.945900 |
| 417 - 418 | 30°08'34"SW | 48.75                 | 418          | 442,971.170600 | 2,222,678.789900 |
| 418 - 419 | 27°20'04"SW | 49.01                 | 419          | 442,948.664200 | 2,222,635.249000 |
| 419 - 420 | 42°27'22"SW | 48.74                 | 420          | 442,915.760600 | 2,222,599.286000 |
| 420 - 421 | 45°19'42"SW | 49.82                 | 421          | 442,880.332900 | 2,222,564.262200 |
| 421 - 422 | 43°12'07"SW | 49.94                 | 422          | 442,846.143400 | 2,222,527.856800 |
| 422 - 423 | 50°32'11"SW | 14.08                 | 423          | 442,835.269800 | 2,222,518.904900 |
| 423 - 424 | 50°32'11"SW | 12.30                 | 424          | 442,825.776300 | 2,222,511.089200 |
| 424 - 425 | 50°32'13"SW | 23.57                 | 425          | 442,807.578600 | 2,222,496.107900 |
| 425 - 426 | 72°12'13"SW | 49.67                 | 426          | 442,760.284400 | 2,222,480.926700 |
| 426 - 427 | 86°52'40"SW | 5.85                  | 427          | 442,754.446800 | 2,222,480.608300 |
| 427 - 428 | 86°52'38"SW | 43.12                 | 428          | 442,711.386300 | 2,222,478.259200 |
| 428 - 429 | 73°55'31"SW | 16.39                 | 429          | 442,695.641300 | 2,222,473.722200 |
| 429 - 430 | 73°55'32"SW | 23.48                 | 430          | 442,673.082200 | 2,222,467.221800 |
| 430 - 431 | 52°06'46"SW | 17.00                 | 431          | 442,659.663100 | 2,222,456.780200 |
| 431 - 432 | 52°06'48"SW | 23.70                 | 432          | 442,640.960600 | 2,222,442.227800 |
| 432 - 433 | 01°05'42"SW | 49.57                 | 433          | 442,640.013000 | 2,222,392.662200 |
| 433 - 434 | 01°01'53"SE | 47.04                 | 434          | 442,640.859800 | 2,222,345.628800 |
| 434 - 435 | 14°01'45"SE | 49.39                 | 435          | 442,652.832900 | 2,222,297.711800 |
| 435 - 436 | 00°13'51"SE | 49.96                 | 436          | 442,653.034300 | 2,222,247.753200 |
| 436 - 437 | 00°09'34"SE | 49.99                 | 437          | 442,653.173600 | 2,222,197.767200 |
| 437 - 438 | 11°29'37"SW | 49.78                 | 438          | 442,643.254600 | 2,222,148.986800 |
| 438 - 439 | 23°25'59"SW | 6.97                  | 439          | 442,640.484500 | 2,222,142.595600 |
| 439 - 440 | 23°26'03"SW | 23.00                 | 440          | 442,631.339000 | 2,222,121.496300 |
| 440 - 441 | 23°26'02"SW | 19.88                 | 441          | 442,623.431900 | 2,222,103.253800 |
| 441 - 442 | 39°00'38"SW | 12.97                 | 442          | 442,615.266600 | 2,222,093.174300 |
| 442 - 443 | 39°00'47"SW | 1.69                  | 443          | 442,614.203500 | 2,222,091.862100 |
| 443 - 444 | 39°00'38"SW | 33.50                 | 444          | 442,593.116000 | 2,222,065.831100 |
| 444 - 445 | 22°01'02"SE | 34.20                 | 445          | 442,605.938500 | 2,222,034.121800 |
| 445 - 446 | 83°27'21"NE | 49.17                 | 446          | 442,654.790800 | 2,222,039.725800 |
| 446 - 447 | 73°16'02"NE | 25.87                 | 447          | 442,679.566500 | 2,222,047.174200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 447 - 448 | 73°16'00"NE | 24.11                 | 448          | 442,702.655500 | 2,222,054.115800 |
| 448 - 449 | 64°43'41"SE | 46.95                 | 449          | 442,745.112800 | 2,222,034.071900 |
| 449 - 450 | 60°19'00"SE | 49.93                 | 450          | 442,788.491100 | 2,222,009.346300 |
| 450 - 451 | 45°00'21"SE | 49.74                 | 451          | 442,823.668800 | 2,221,974.175800 |
| 451 - 452 | 31°07'16"SE | 49.66                 | 452          | 442,849.336900 | 2,221,931.660900 |
| 452 - 453 | 35°59'41"SE | 49.71                 | 453          | 442,878.553500 | 2,221,891.440100 |
| 453 - 454 | 31°23'34"SE | 26.97                 | 454          | 442,892.602600 | 2,221,868.417600 |
| 454 - 455 | 31°23'33"SE | 22.44                 | 455          | 442,904.292900 | 2,221,849.260200 |
| 455 - 456 | 32°28'44"SE | 2.82                  | 456          | 442,905.804600 | 2,221,846.885400 |
| 456 - 457 | 32°28'40"SE | 43.58                 | 457          | 442,929.206000 | 2,221,810.121200 |
| 457 - 458 | 40°05'16"SE | 48.99                 | 458          | 442,960.752200 | 2,221,772.642800 |
| 458 - 459 | 56°12'35"SE | 3.46                  | 459          | 442,963.627000 | 2,221,770.719000 |
| 459 - 460 | 56°12'40"SE | 45.92                 | 460          | 443,001.790500 | 2,221,745.181500 |
| 460 - 461 | 56°12'55"SE | 0.61                  | 461          | 443,002.293600 | 2,221,744.844900 |
| 461 - 462 | 50°01'25"SE | 48.73                 | 462          | 443,039.632600 | 2,221,713.540200 |
| 462 - 463 | 34°02'04"SE | 49.75                 | 463          | 443,067.475400 | 2,221,672.315100 |
| 463 - 464 | 35°54'12"SE | 48.68                 | 464          | 443,096.021600 | 2,221,632.885200 |
| 464 - 465 | 06°11'15"SE | 49.80                 | 465          | 443,101.389000 | 2,221,583.377200 |
| 465 - 466 | 14°35'59"SE | 24.59                 | 466          | 443,107.588200 | 2,221,559.577800 |
| 466 - 467 | 14°36'00"SE | 17.76                 | 467          | 443,112.066200 | 2,221,542.386700 |
| 467 - 468 | 14°36'01"SE | 7.33                  | 468          | 443,113.913300 | 2,221,535.295800 |
| 468 - 469 | 18°41'03"SE | 25.45                 | 469          | 443,122.067700 | 2,221,511.182800 |
| 469 - 470 | 18°41'02"SE | 24.02                 | 470          | 443,129.761700 | 2,221,488.431000 |
| 470 - 471 | 45°26'58"SE | 40.56                 | 471          | 443,158.664400 | 2,221,459.978300 |
| 471 - 472 | 45°26'53"SE | 5.85                  | 472          | 443,162.832400 | 2,221,455.875000 |
| 472 - 473 | 46°44'54"SE | 41.51                 | 473          | 443,193.065600 | 2,221,427.433000 |
| 473 - 474 | 37°00'57"SE | 48.23                 | 474          | 443,222.103600 | 2,221,388.920700 |
| 474 - 475 | 17°50'26"SE | 49.90                 | 475          | 443,237.391500 | 2,221,341.420200 |
| 475 - 476 | 12°08'06"SE | 49.57                 | 476          | 443,247.811300 | 2,221,292.960900 |
| 476 - 477 | 21°14'19"SE | 49.91                 | 477          | 443,265.890400 | 2,221,246.443300 |
| 477 - 478 | 14°24'19"SE | 49.23                 | 478          | 443,278.136900 | 2,221,198.765100 |
| 478 - 479 | 24°48'07"SE | 49.96                 | 479          | 443,299.094800 | 2,221,153.412200 |
| 479 - 480 | 37°02'14"SE | 42.68                 | 480          | 443,324.800800 | 2,221,119.345300 |
| 480 - 481 | 37°02'11"SE | 4.04                  | 481          | 443,327.232800 | 2,221,116.122200 |
| 481 - 482 | 30°04'34"SE | 46.42                 | 482          | 443,350.495900 | 2,221,075.952800 |
| 482 - 483 | 27°25'30"SE | 49.83                 | 483          | 443,373.448300 | 2,221,031.720800 |
| 483 - 484 | 28°04'43"SE | 49.92                 | 484          | 443,396.945000 | 2,220,987.676000 |
| 484 - 485 | 29°21'18"SE | 49.99                 | 485          | 443,421.451900 | 2,220,944.103700 |
| 485 - 486 | 36°50'23"SE | 49.89                 | 486          | 443,451.363300 | 2,220,904.178100 |
| 486 - 487 | 30°25'42"SE | 11.40                 | 487          | 443,457.137600 | 2,220,894.347200 |
| 487 - 488 | 30°25'44"SE | 38.20                 | 488          | 443,476.484000 | 2,220,861.410300 |
| 488 - 489 | 09°37'58"SE | 23.54                 | 489          | 443,480.423300 | 2,220,838.201100 |
| 489 - 490 | 09°37'59"SE | 26.32                 | 490          | 443,484.828400 | 2,220,812.248000 |
| 490 - 491 | 11°49'44"SE | 48.71                 | 491          | 443,494.813300 | 2,220,764.574100 |
| 491 - 492 | 28°38'13"SE | 49.31                 | 492          | 443,518.445700 | 2,220,721.295900 |
| 492 - 493 | 04°26'57"SW | 49.03                 | 493          | 443,514.642300 | 2,220,672.417100 |
| 493 - 494 | 38°39'57"SE | 48.61                 | 494          | 443,545.012600 | 2,220,634.462600 |
| 494 - 495 | 22°48'12"SE | 49.98                 | 495          | 443,564.383800 | 2,220,588.388000 |
| 495 - 496 | 19°58'18"SE | 50.00                 | 496          | 443,581.461700 | 2,220,541.395100 |
| 496 - 497 | 32°42'25"SE | 48.54                 | 497          | 443,607.687700 | 2,220,500.555000 |
| 497 - 498 | 33°22'10"SE | 49.28                 | 498          | 443,634.795100 | 2,220,459.396900 |
| 498 - 499 | 42°25'51"SE | 31.35                 | 499          | 443,655.946600 | 2,220,436.258200 |
| 499 - 500 | 42°25'51"SE | 16.58                 | 500          | 443,667.131200 | 2,220,424.022800 |
| 500 - 501 | 23°55'59"SE | 47.89                 | 501          | 443,686.558300 | 2,220,380.251800 |
| 501 - 502 | 08°56'22"SE | 22.34                 | 502          | 443,690.029200 | 2,220,358.187100 |
| 502 - 503 | 08°56'23"SE | 27.43                 | 503          | 443,694.291000 | 2,220,331.094900 |
| 503 - 504 | 26°09'48"SE | 28.63                 | 504          | 443,706.916800 | 2,220,305.394500 |
| 504 - 505 | 26°09'47"SE | 20.33                 | 505          | 443,715.881600 | 2,220,287.146100 |
| 505 - 506 | 33°12'01"SE | 23.05                 | 506          | 443,728.503200 | 2,220,267.858500 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 506 - 507 | 33°12'00"SE | 16.63                 | 507          | 443,737.606700 | 2,220,253.946900 |
| 507 - 508 | 33°12'02"SE | 10.23                 | 508          | 443,743.209000 | 2,220,245.385900 |
| 508 - 509 | 17°55'13"SE | 1.40                  | 509          | 443,743.641300 | 2,220,244.049100 |
| 509 - 510 | 17°55'22"SE | 48.50                 | 510          | 443,758.566800 | 2,220,197.902100 |
| 510 - 511 | 19°25'26"SE | 49.94                 | 511          | 443,775.173100 | 2,220,150.809000 |
| 511 - 512 | 30°45'31"SE | 49.43                 | 512          | 443,800.450700 | 2,220,108.336100 |
| 512 - 513 | 16°59'03"SE | 46.81                 | 513          | 443,814.125100 | 2,220,063.565500 |
| 513 - 514 | 16°59'07"SE | 1.88                  | 514          | 443,814.673200 | 2,220,061.771100 |
| 514 - 515 | 22°57'37"SE | 14.93                 | 515          | 443,820.497700 | 2,220,048.023100 |
| 515 - 516 | 22°57'38"SE | 35.07                 | 516          | 443,834.177900 | 2,220,015.733100 |
| 516 - 517 | 23°15'09"SE | 15.55                 | 517          | 443,840.318200 | 2,220,001.442900 |
| 517 - 518 | 23°15'07"SE | 34.40                 | 518          | 443,853.898900 | 2,219,969.836000 |
| 518 - 519 | 43°03'40"SE | 48.76                 | 519          | 443,887.190200 | 2,219,934.211900 |
| 519 - 520 | 30°05'50"SE | 50.00                 | 520          | 443,912.263400 | 2,219,890.953900 |
| 520 - 521 | 23°31'03"SE | 49.86                 | 521          | 443,932.158000 | 2,219,845.237800 |
| 521 - 522 | 22°04'40"SE | 49.39                 | 522          | 443,950.722800 | 2,219,799.467900 |
| 522 - 523 | 23°24'31"SE | 49.04                 | 523          | 443,970.205500 | 2,219,754.465000 |
| 523 - 524 | 01°04'29"SE | 14.65                 | 524          | 443,970.480300 | 2,219,739.820100 |
| 524 - 525 | 01°04'29"SE | 34.06                 | 525          | 443,971.119200 | 2,219,705.765000 |
| 525 - 526 | 33°56'28"SE | 31.54                 | 526          | 443,988.727700 | 2,219,679.601600 |
| 526 - 527 | 33°56'29"SE | 13.70                 | 527          | 443,996.374400 | 2,219,668.239900 |
| 527 - 528 | 88°59'06"SE | 49.56                 | 528          | 444,045.927500 | 2,219,667.362000 |
| 528 - 529 | 28°21'39"SE | 49.70                 | 529          | 444,069.535300 | 2,219,623.629100 |
| 529 - 530 | 27°53'38"SE | 49.78                 | 530          | 444,092.823600 | 2,219,579.634000 |
| 530 - 531 | 50°45'28"SE | 49.12                 | 531          | 444,130.867100 | 2,219,548.560000 |
| 531 - 532 | 26°46'17"SE | 48.42                 | 532          | 444,152.677700 | 2,219,505.329000 |
| 532 - 533 | 34°41'12"SE | 49.55                 | 533          | 444,180.875600 | 2,219,464.586100 |
| 533 - 534 | 18°29'22"SE | 48.65                 | 534          | 444,196.305100 | 2,219,418.444000 |
| 534 - 535 | 40°32'40"SE | 49.69                 | 535          | 444,228.602700 | 2,219,380.687900 |
| 535 - 536 | 07°41'47"SE | 5.35                  | 536          | 444,229.319300 | 2,219,375.385300 |
| 536 - 537 | 07°41'46"SE | 26.18                 | 537          | 444,232.824900 | 2,219,349.444900 |
| 537 - 538 | 07°41'47"SE | 11.33                 | 538          | 444,234.342800 | 2,219,338.213000 |
| 538 - 539 | 06°04'41"SE | 49.66                 | 539          | 444,239.601500 | 2,219,288.827200 |
| 539 - 540 | 13°21'46"SE | 49.90                 | 540          | 444,251.135400 | 2,219,240.273900 |
| 540 - 541 | 33°42'05"SE | 49.59                 | 541          | 444,278.651200 | 2,219,199.018100 |
| 541 - 542 | 22°10'39"SE | 49.14                 | 542          | 444,297.201900 | 2,219,153.510100 |
| 542 - 543 | 20°26'03"SE | 48.02                 | 543          | 444,313.967300 | 2,219,108.511800 |
| 543 - 544 | 22°34'10"SE | 25.38                 | 544          | 444,323.708500 | 2,219,085.075100 |
| 544 - 545 | 22°34'11"SE | 14.40                 | 545          | 444,329.236900 | 2,219,071.774300 |
| 545 - 546 | 22°34'07"SE | 7.66                  | 546          | 444,332.176700 | 2,219,064.701000 |
| 546 - 547 | 19°40'29"SE | 49.26                 | 547          | 444,348.760100 | 2,219,018.321100 |
| 547 - 548 | 21°06'46"SW | 6.51                  | 548          | 444,346.416500 | 2,219,012.251600 |
| 548 - 549 | 21°06'46"SW | 19.07                 | 549          | 444,339.546700 | 2,218,994.460100 |
| 549 - 550 | 75°11'47"SW | 26.56                 | 550          | 444,313.873000 | 2,218,987.675100 |
| 550 - 551 | 27°09'58"SE | 49.91                 | 551          | 444,336.658300 | 2,218,943.275200 |
| 551 - 552 | 68°21'35"SE | 30.96                 | 552          | 444,365.439000 | 2,218,931.856800 |
| 552 - 553 | 87°17'37"NE | 11.36                 | 553          | 444,376.782800 | 2,218,932.393000 |
| 553 - 554 | 87°17'37"NE | 19.40                 | 554          | 444,396.164200 | 2,218,933.309100 |
| 554 - 555 | 11°54'08"SE | 46.50                 | 555          | 444,405.754500 | 2,218,887.809100 |
| 555 - 556 | 23°34'25"SE | 47.74                 | 556          | 444,424.845400 | 2,218,844.056900 |
| 556 - 557 | 59°47'57"SE | 27.27                 | 557          | 444,448.414700 | 2,218,830.338800 |
| 557 - 558 | 59°47'57"SE | 22.45                 | 558          | 444,467.820500 | 2,218,819.044000 |
| 558 - 559 | 34°51'21"SW | 37.97                 | 559          | 444,446.120700 | 2,218,787.887000 |
| 559 - 560 | 04°48'06"SE | 2.09                  | 560          | 444,446.295600 | 2,218,785.804900 |
| 560 - 561 | 04°48'04"SE | 14.47                 | 561          | 444,447.506800 | 2,218,771.385200 |
| 561 - 562 | 04°48'06"SE | 22.58                 | 562          | 444,449.397200 | 2,218,748.881200 |
| 562 - 563 | 12°04'33"SW | 24.56                 | 563          | 444,444.259700 | 2,218,724.867900 |
| 563 - 564 | 12°04'32"SW | 17.84                 | 564          | 444,440.526700 | 2,218,707.418700 |
| 564 - 565 | 23°14'05"SE | 49.93                 | 565          | 444,460.224300 | 2,218,661.538000 |
| 565 - 566 | 39°53'06"SE | 24.13                 | 566          | 444,475.695500 | 2,218,643.024900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 566 - 567 | 39°53'07"SE | 24.77                 | 567          | 444,491.581300 | 2,218,624.015800 |
| 567 - 568 | 19°18'19"SE | 43.53                 | 568          | 444,505.971600 | 2,218,582.936200 |
| 568 - 569 | 19°18'16"SE | 5.63                  | 569          | 444,507.832000 | 2,218,577.625100 |
| 569 - 570 | 31°06'36"SE | 15.88                 | 570          | 444,516.035800 | 2,218,564.030900 |
| 570 - 571 | 31°06'34"SE | 33.90                 | 571          | 444,533.553600 | 2,218,535.002200 |
| 571 - 572 | 18°33'00"SE | 20.62                 | 572          | 444,540.112000 | 2,218,515.458200 |
| 572 - 573 | 18°33'01"SE | 29.26                 | 573          | 444,549.420500 | 2,218,487.719000 |
| 573 - 574 | 29°53'14"SE | 49.13                 | 574          | 444,573.902300 | 2,218,445.121900 |
| 574 - 575 | 29°41'16"SE | 0.07                  | 575          | 444,573.939300 | 2,218,445.057000 |
| 575 - 576 | 29°45'56"SE | 48.64                 | 576          | 444,598.086600 | 2,218,402.835000 |
| 576 - 577 | 23°37'07"SE | 49.89                 | 577          | 444,618.073800 | 2,218,357.126800 |
| 577 - 578 | 16°29'39"SE | 35.11                 | 578          | 444,628.042700 | 2,218,323.460300 |
| 578 - 579 | 16°29'41"SE | 14.75                 | 579          | 444,632.231100 | 2,218,309.315800 |
| 579 - 580 | 23°48'25"SE | 50.00                 | 580          | 444,652.414100 | 2,218,263.570100 |
| 580 - 581 | 32°16'56"SE | 13.08                 | 581          | 444,659.402300 | 2,218,252.508300 |
| 581 - 582 | 32°16'57"SE | 36.68                 | 582          | 444,678.993800 | 2,218,221.496900 |
| 582 - 583 | 26°02'25"SE | 49.19                 | 583          | 444,700.589200 | 2,218,177.299100 |
| 583 - 584 | 22°11'08"SE | 49.73                 | 584          | 444,719.368700 | 2,218,131.248300 |
| 584 - 585 | 26°57'26"SE | 49.99                 | 585          | 444,742.032600 | 2,218,086.686100 |
| 585 - 586 | 24°34'04"SE | 2.69                  | 586          | 444,743.150900 | 2,218,084.239900 |
| 586 - 587 | 24°34'01"SE | 46.07                 | 587          | 444,762.303600 | 2,218,042.343400 |
| 587 - 588 | 23°25'43"SE | 0.00                  | 588          | 444,762.304900 | 2,218,042.340400 |
| 588 - 589 | 24°34'09"SE | 1.24                  | 589          | 444,762.820700 | 2,218,041.212200 |
| 589 - 590 | 26°20'18"SE | 27.61                 | 590          | 444,775.072500 | 2,218,016.464300 |
| 590 - 591 | 26°20'18"SE | 22.37                 | 591          | 444,784.996800 | 2,217,996.417800 |
| 591 - 592 | 26°45'18"SE | 50.00                 | 592          | 444,807.505300 | 2,217,951.771900 |
| 592 - 593 | 23°57'31"SE | 13.63                 | 593          | 444,813.039200 | 2,217,939.318500 |
| 593 - 594 | 23°57'31"SE | 36.34                 | 594          | 444,827.795500 | 2,217,906.111200 |
| 594 - 595 | 22°16'49"SE | 50.00                 | 595          | 444,846.752100 | 2,217,859.845100 |
| 595 - 596 | 24°51'49"SE | 49.69                 | 596          | 444,867.643200 | 2,217,814.764600 |
| 596 - 597 | 24°52'00"SE | 0.31                  | 597          | 444,867.775200 | 2,217,814.479800 |
| 597 - 598 | 26°16'45"SE | 49.95                 | 598          | 444,889.890200 | 2,217,769.692700 |
| 598 - 599 | 30°57'49"SE | 43.92                 | 599          | 444,912.488200 | 2,217,732.029300 |
| 599 - 600 | 30°57'50"SE | 6.08                  | 600          | 444,915.615000 | 2,217,726.818000 |
| 600 - 601 | 30°57'48"SE | 50.00                 | 601          | 444,941.339700 | 2,217,683.943200 |
| 601 - 602 | 30°23'22"SE | 36.40                 | 602          | 444,959.753500 | 2,217,652.544400 |
| 602 - 603 | 30°23'22"SE | 13.60                 | 603          | 444,966.632900 | 2,217,640.813900 |
| 603 - 604 | 28°36'04"SE | 1.16                  | 604          | 444,967.187800 | 2,217,639.796200 |
| 604 - 605 | 28°35'55"SE | 48.79                 | 605          | 444,990.544600 | 2,217,596.954800 |
| 605 - 606 | 24°40'36"SE | 50.00                 | 606          | 445,011.419600 | 2,217,551.520900 |
| 606 - 607 | 23°53'17"SE | 100.00                | 607          | 445,051.913800 | 2,217,460.089200 |
| 607 - 608 | 22°47'06"SE | 49.98                 | 608          | 445,071.269300 | 2,217,414.010800 |
| 608 - 609 | 20°51'15"SE | 50.00                 | 609          | 445,089.069100 | 2,217,367.286200 |
| 609 - 610 | 26°59'23"SE | 49.85                 | 610          | 445,111.691500 | 2,217,322.868000 |
| 610 - 611 | 20°34'08"SE | 30.31                 | 611          | 445,122.338900 | 2,217,294.494500 |
| 611 - 612 | 20°34'08"SE | 19.12                 | 612          | 445,129.057400 | 2,217,276.590900 |
| 612 - 613 | 33°44'49"SE | 16.76                 | 613          | 445,138.368800 | 2,217,262.653800 |
| 613 - 614 | 33°44'48"SE | 30.77                 | 614          | 445,155.464000 | 2,217,237.066000 |
| 614 - 615 | 21°15'08"SE | 49.98                 | 615          | 445,173.579900 | 2,217,190.487000 |
| 615 - 616 | 16°48'07"SE | 49.98                 | 616          | 445,188.027900 | 2,217,142.639100 |
| 616 - 617 | 19°48'49"SE | 50.00                 | 617          | 445,204.974900 | 2,217,095.602100 |
| 617 - 618 | 22°28'47"SE | 11.16                 | 618          | 445,209.242400 | 2,217,085.289200 |
| 618 - 619 | 22°28'45"SE | 38.84                 | 619          | 445,224.092500 | 2,217,049.401300 |
| 619 - 620 | 30°32'39"SE | 26.68                 | 620          | 445,237.650300 | 2,217,026.425400 |
| 620 - 621 | 30°32'35"SE | 3.87                  | 621          | 445,239.617100 | 2,217,023.092200 |
| 621 - 622 | 30°32'40"SE | 19.34                 | 622          | 445,249.446300 | 2,217,006.435100 |
| 622 - 623 | 32°54'11"SE | 47.30                 | 623          | 445,275.142000 | 2,216,966.720300 |
| 623 - 624 | 32°54'11"SE | 2.69                  | 624          | 445,276.605600 | 2,216,964.458200 |
| 624 - 625 | 33°41'24"SE | 50.00                 | 625          | 445,304.340600 | 2,216,922.855900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 625 - 626 | 27°39'06"SE | 49.95                 | 626          | 445,327.522200 | 2,216,878.611000 |
| 626 - 627 | 19°52'09"SE | 49.85                 | 627          | 445,344.466200 | 2,216,831.725300 |
| 627 - 628 | 24°04'06"SE | 48.52                 | 628          | 445,364.254800 | 2,216,787.422000 |
| 628 - 629 | 19°00'23"SE | 8.96                  | 629          | 445,367.171400 | 2,216,778.954700 |
| 629 - 630 | 19°00'25"SE | 102.68                | 630          | 445,400.611300 | 2,216,681.877100 |
| 630 - 631 | 18°26'05"SE | 35.65                 | 631          | 445,411.884900 | 2,216,648.056100 |
| 631 - 632 | 19°04'43"SE | 27.25                 | 632          | 445,420.793000 | 2,216,622.300100 |
| 632 - 633 | 19°04'45"SE | 5.79                  | 633          | 445,422.686400 | 2,216,616.825900 |
| 633 - 634 | 19°04'43"SE | 16.87                 | 634          | 445,428.202000 | 2,216,600.878700 |
| 634 - 635 | 35°21'45"SE | 15.95                 | 635          | 445,437.433800 | 2,216,587.870300 |
| 635 - 636 | 35°21'44"SE | 34.05                 | 636          | 445,457.139400 | 2,216,560.103100 |
| 636 - 637 | 24°46'03"SE | 47.60                 | 637          | 445,477.079900 | 2,216,516.883900 |
| 637 - 638 | 24°45'51"SE | 1.67                  | 638          | 445,477.778600 | 2,216,515.369300 |
| 638 - 639 | 16°10'58"SE | 41.26                 | 639          | 445,489.277600 | 2,216,475.745500 |
| 639 - 640 | 16°10'58"SE | 8.74                  | 640          | 445,491.713200 | 2,216,467.352800 |
| 640 - 641 | 14°59'56"SE | 49.94                 | 641          | 445,504.638300 | 2,216,419.112800 |
| 641 - 642 | 12°42'33"SE | 21.63                 | 642          | 445,509.396000 | 2,216,398.017300 |
| 642 - 643 | 12°42'33"SE | 28.21                 | 643          | 445,515.603200 | 2,216,370.494900 |
| 643 - 644 | 22°14'58"SE | 8.58                  | 644          | 445,518.853800 | 2,216,362.549200 |
| 644 - 645 | 22°14'56"SE | 41.41                 | 645          | 445,534.534800 | 2,216,324.217700 |
| 645 - 646 | 24°27'38"SE | 49.92                 | 646          | 445,555.204300 | 2,216,278.780200 |
| 646 - 647 | 29°21'28"SE | 50.00                 | 647          | 445,579.717300 | 2,216,235.201900 |
| 647 - 648 | 26°26'36"SE | 8.00                  | 648          | 445,583.278300 | 2,216,228.042000 |
| 648 - 649 | 26°26'40"SE | 41.99                 | 649          | 445,601.979200 | 2,216,190.442800 |
| 649 - 650 | 25°35'20"SE | 49.99                 | 650          | 445,623.572000 | 2,216,145.352900 |
| 650 - 651 | 23°21'20"SE | 50.00                 | 651          | 445,643.393800 | 2,216,099.449800 |
| 651 - 652 | 23°15'44"SE | 50.00                 | 652          | 445,663.140900 | 2,216,053.514700 |
| 652 - 653 | 22°59'18"SE | 50.00                 | 653          | 445,682.668300 | 2,216,007.485300 |
| 653 - 654 | 35°28'38"SE | 49.77                 | 654          | 445,711.554700 | 2,215,966.954200 |
| 654 - 655 | 05°24'03"SE | 32.68                 | 655          | 445,714.631100 | 2,215,934.415700 |
| 655 - 656 | 20°41'06"SE | 49.72                 | 656          | 445,732.195500 | 2,215,887.896300 |
| 656 - 657 | 30°55'03"SE | 49.75                 | 657          | 445,757.758400 | 2,215,845.213700 |
| 657 - 658 | 24°32'08"SE | 48.33                 | 658          | 445,777.829100 | 2,215,801.245300 |
| 658 - 659 | 24°13'21"SE | 48.95                 | 659          | 445,797.912800 | 2,215,756.604100 |
| 659 - 660 | 36°22'24"SE | 21.08                 | 660          | 445,810.415000 | 2,215,739.630000 |
| 660 - 661 | 36°22'22"SE | 12.70                 | 661          | 445,817.948200 | 2,215,729.402100 |
| 661 - 662 | 36°22'23"SE | 16.07                 | 662          | 445,827.475500 | 2,215,716.466900 |
| 662 - 663 | 34°46'41"SE | 49.52                 | 663          | 445,855.723100 | 2,215,675.790700 |
| 663 - 664 | 26°29'11"SE | 3.23                  | 664          | 445,857.161700 | 2,215,672.903600 |
| 664 - 665 | 26°29'15"SE | 46.67                 | 665          | 445,877.976600 | 2,215,631.133000 |
| 665 - 666 | 22°24'08"SE | 49.28                 | 666          | 445,896.756700 | 2,215,585.574100 |
| 666 - 667 | 24°48'41"SE | 48.48                 | 667          | 445,917.099700 | 2,215,541.571000 |
| 667 - 668 | 35°24'57"SE | 49.75                 | 668          | 445,945.932600 | 2,215,501.023000 |
| 668 - 669 | 26°46'42"SE | 49.97                 | 669          | 445,968.447500 | 2,215,456.409300 |
| 669 - 670 | 26°05'16"SE | 49.78                 | 670          | 445,990.337800 | 2,215,411.701900 |
| 670 - 671 | 15°10'43"SE | 49.96                 | 671          | 446,003.418300 | 2,215,363.487000 |
| 671 - 672 | 12°48'14"SE | 50.00                 | 672          | 446,014.499300 | 2,215,314.730200 |
| 672 - 673 | 18°15'27"SE | 49.91                 | 673          | 446,030.135400 | 2,215,267.333200 |
| 673 - 674 | 20°25'58"SE | 50.00                 | 674          | 446,047.590900 | 2,215,220.479000 |
| 674 - 675 | 27°43'28"SE | 49.69                 | 675          | 446,070.707100 | 2,215,176.495100 |
| 675 - 676 | 33°20'26"SE | 50.00                 | 676          | 446,098.187900 | 2,215,134.724200 |
| 676 - 677 | 28°08'13"SE | 49.94                 | 677          | 446,121.737600 | 2,215,090.688100 |
| 677 - 678 | 27°18'29"SE | 11.04                 | 678          | 446,126.802400 | 2,215,080.878700 |
| 678 - 679 | 27°18'30"SE | 11.99                 | 679          | 446,132.303600 | 2,215,070.224200 |
| 679 - 680 | 27°18'29"SE | 26.96                 | 680          | 446,144.671100 | 2,215,046.271000 |
| 680 - 681 | 29°21'27"SE | 50.00                 | 681          | 446,169.184100 | 2,215,002.692100 |
| 681 - 682 | 27°04'45"SE | 49.99                 | 682          | 446,191.941300 | 2,214,958.181100 |
| 682 - 683 | 26°39'59"SE | 50.00                 | 683          | 446,214.380800 | 2,214,913.499900 |
| 683 - 684 | 27°00'44"SE | 50.00                 | 684          | 446,237.090100 | 2,214,868.954200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 684 - 685 | 27°00'45"SE | 50.00                 | 685          | 446,259.799500 | 2,214,824.409000 |
| 685 - 686 | 33°27'10"SE | 49.99                 | 686          | 446,287.355700 | 2,214,782.701900 |
| 686 - 687 | 20°28'55"SE | 49.39                 | 687          | 446,304.636900 | 2,214,736.437100 |
| 687 - 688 | 15°44'53"SE | 2.31                  | 688          | 446,305.264900 | 2,214,734.210100 |
| 688 - 689 | 15°44'52"SE | 5.29                  | 689          | 446,306.701300 | 2,214,729.116300 |
| 689 - 690 | 15°44'55"SE | 42.25                 | 690          | 446,318.169100 | 2,214,688.451000 |
| 690 - 691 | 29°21'27"SE | 50.00                 | 691          | 446,342.682100 | 2,214,644.872100 |
| 691 - 692 | 26°15'52"SE | 49.96                 | 692          | 446,364.789800 | 2,214,600.070800 |
| 692 - 693 | 24°32'15"SE | 50.00                 | 693          | 446,385.554400 | 2,214,554.586000 |
| 693 - 694 | 30°26'08"SE | 49.85                 | 694          | 446,410.808900 | 2,214,511.602100 |
| 694 - 695 | 33°41'24"SE | 50.00                 | 695          | 446,438.543900 | 2,214,469.999800 |
| 695 - 696 | 32°36'03"SE | 52.21                 | 696          | 446,466.672500 | 2,214,426.018200 |
| 696 - 697 | 26°12'40"SE | 47.41                 | 697          | 446,487.614300 | 2,214,383.480000 |
| 697 - 698 | 20°46'21"SE | 49.85                 | 698          | 446,505.293400 | 2,214,336.872200 |
| 698 - 699 | 31°49'39"SE | 50.00                 | 699          | 446,531.661600 | 2,214,294.390200 |
| 699 - 700 | 20°15'07"SE | 49.73                 | 700          | 446,548.877000 | 2,214,247.730800 |
| 700 - 701 | 21°51'13"SE | 49.89                 | 701          | 446,567.447700 | 2,214,201.427000 |
| 701 - 702 | 23°08'25"SE | 49.93                 | 702          | 446,587.070600 | 2,214,155.511700 |
| 702 - 703 | 14°21'05"SE | 49.32                 | 703          | 446,599.295300 | 2,214,107.732000 |
| 703 - 704 | 02°34'19"SE | 47.52                 | 704          | 446,601.427800 | 2,214,060.261000 |
| 704 - 705 | 34°59'31"SE | 50.00                 | 705          | 446,630.101000 | 2,214,019.299200 |
| 705 - 706 | 29°13'00"SE | 49.94                 | 706          | 446,654.475600 | 2,213,975.716200 |
| 706 - 707 | 27°22'21"SE | 49.99                 | 707          | 446,677.459500 | 2,213,931.323800 |
| 707 - 708 | 23°57'44"SE | 50.00                 | 708          | 446,697.766500 | 2,213,885.633000 |
| 708 - 709 | 28°54'23"SE | 49.85                 | 709          | 446,721.860700 | 2,213,841.998100 |
| 709 - 710 | 33°01'25"SE | 50.00                 | 710          | 446,749.110100 | 2,213,800.075900 |
| 710 - 711 | 30°18'56"SE | 49.97                 | 711          | 446,774.333700 | 2,213,756.937800 |
| 711 - 712 | 29°06'07"SE | 50.00                 | 712          | 446,798.651500 | 2,213,713.251000 |
| 712 - 713 | 30°25'41"SE | 50.00                 | 713          | 446,823.973800 | 2,213,670.138800 |
| 713 - 714 | 30°29'19"SE | 50.00                 | 714          | 446,849.342100 | 2,213,627.052800 |
| 714 - 715 | 33°17'33"SE | 49.88                 | 715          | 446,876.724600 | 2,213,585.355200 |
| 715 - 716 | 40°25'49"SE | 49.95                 | 716          | 446,909.119700 | 2,213,547.331900 |
| 716 - 717 | 30°55'13"SE | 48.52                 | 717          | 446,934.053000 | 2,213,505.705200 |
| 717 - 718 | 17°01'46"SE | 49.76                 | 718          | 446,948.625900 | 2,213,458.127100 |
| 718 - 719 | 34°41'43"SE | 50.00                 | 719          | 446,977.086400 | 2,213,417.017800 |
| 719 - 720 | 24°59'31"SE | 49.87                 | 720          | 446,998.155100 | 2,213,371.819800 |
| 720 - 721 | 15°55'03"SE | 49.97                 | 721          | 447,011.861000 | 2,213,323.761100 |
| 721 - 722 | 15°42'13"SE | 49.97                 | 722          | 447,025.385900 | 2,213,275.657200 |
| 722 - 723 | 32°28'16"SE | 50.00                 | 723          | 447,052.229600 | 2,213,233.474200 |
| 723 - 724 | 27°40'30"SE | 49.80                 | 724          | 447,075.360300 | 2,213,189.370000 |
| 724 - 725 | 25°24'51"SE | 49.93                 | 725          | 447,096.789300 | 2,213,144.269700 |
| 725 - 726 | 28°13'02"SE | 50.00                 | 726          | 447,120.430200 | 2,213,100.211700 |
| 726 - 727 | 34°12'34"SE | 49.88                 | 727          | 447,148.473000 | 2,213,058.962700 |
| 727 - 728 | 21°33'15"SE | 48.81                 | 728          | 447,166.406600 | 2,213,013.561900 |
| 728 - 729 | 38°30'50"SE | 49.94                 | 729          | 447,197.503300 | 2,212,974.487800 |
| 729 - 730 | 23°11'54"SE | 31.73                 | 730          | 447,210.003400 | 2,212,945.320800 |
| 730 - 731 | 23°11'54"SE | 18.27                 | 731          | 447,217.199300 | 2,212,928.530200 |
| 731 - 732 | 28°51'48"SE | 29.10                 | 732          | 447,231.247800 | 2,212,903.042900 |
| 732 - 733 | 29°17'28"SE | 0.00                  | 733          | 447,231.250100 | 2,212,903.038800 |
| 733 - 734 | 28°51'48"SE | 20.84                 | 734          | 447,241.311400 | 2,212,884.785200 |
| 734 - 735 | 30°01'06"SE | 50.00                 | 735          | 447,266.325300 | 2,212,841.492000 |
| 735 - 736 | 28°10'27"SE | 49.99                 | 736          | 447,289.929400 | 2,212,797.422900 |
| 736 - 737 | 27°51'25"SE | 25.20                 | 737          | 447,301.704700 | 2,212,775.143000 |
| 737 - 738 | 27°51'25"SE | 16.85                 | 738          | 447,309.576900 | 2,212,760.248100 |
| 738 - 739 | 27°51'23"SE | 7.95                  | 739          | 447,313.292800 | 2,212,753.217100 |
| 739 - 740 | 28°47'50"SE | 49.99                 | 740          | 447,337.372200 | 2,212,709.412100 |
| 740 - 741 | 30°41'58"SE | 50.00                 | 741          | 447,362.899200 | 2,212,666.419200 |
| 741 - 742 | 28°58'30"SE | 50.00                 | 742          | 447,387.118700 | 2,212,622.681100 |
| 742 - 743 | 28°40'23"SE | 50.00                 | 743          | 447,411.109200 | 2,212,578.812900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 743 - 744 | 28°40'22"SE | 50.00                 | 744          | 447,435.099800 | 2,212,534.944100 |
| 744 - 745 | 38°34'26"SE | 49.98                 | 745          | 447,466.261600 | 2,212,495.872200 |
| 745 - 746 | 31°08'21"SE | 49.30                 | 746          | 447,491.756800 | 2,212,453.673900 |
| 746 - 747 | 24°19'47"SE | 49.85                 | 747          | 447,512.293500 | 2,212,408.253100 |
| 747 - 748 | 24°54'22"SE | 34.57                 | 748          | 447,526.851500 | 2,212,376.899500 |
| 748 - 749 | 24°54'21"SE | 14.96                 | 749          | 447,533.150500 | 2,212,363.333200 |
| 749 - 750 | 34°48'01"SE | 50.00                 | 750          | 447,561.685400 | 2,212,322.277600 |
| 750 - 751 | 31°01'51"SE | 49.91                 | 751          | 447,587.415500 | 2,212,279.507700 |
| 751 - 752 | 28°05'46"SE | 50.00                 | 752          | 447,610.963200 | 2,212,235.399800 |
| 752 - 753 | 28°10'42"SE | 50.00                 | 753          | 447,634.574200 | 2,212,191.325700 |
| 753 - 754 | 38°02'43"SE | 49.69                 | 754          | 447,665.196000 | 2,212,152.195500 |
| 754 - 755 | 38°03'35"SE | 0.29                  | 755          | 447,665.373500 | 2,212,151.968800 |
| 755 - 756 | 34°07'31"SE | 49.95                 | 756          | 447,693.396200 | 2,212,110.619100 |
| 756 - 757 | 25°58'43"SE | 49.74                 | 757          | 447,715.183700 | 2,212,065.905800 |
| 757 - 758 | 37°56'36"SE | 49.95                 | 758          | 447,745.899900 | 2,212,026.511000 |
| 758 - 759 | 29°32'19"SE | 50.00                 | 759          | 447,770.550500 | 2,211,983.009900 |
| 759 - 760 | 36°23'24"SE | 5.82                  | 760          | 447,774.006000 | 2,211,978.321300 |
| 760 - 761 | 36°23'24"SE | 44.03                 | 761          | 447,800.130700 | 2,211,942.873700 |
| 761 - 762 | 36°17'08"SE | 18.60                 | 762          | 447,811.135800 | 2,211,927.884300 |
| 762 - 763 | 36°17'09"SE | 30.74                 | 763          | 447,829.327700 | 2,211,903.106200 |
| 763 - 764 | 12°36'02"SE | 45.30                 | 764          | 447,839.209200 | 2,211,858.901800 |
| 764 - 765 | 12°36'03"SE | 3.83                  | 765          | 447,840.043800 | 2,211,855.168300 |
| 765 - 766 | 29°17'44"SE | 50.00                 | 766          | 447,864.509700 | 2,211,811.563100 |
| 766 - 767 | 27°43'44"SE | 49.98                 | 767          | 447,887.763800 | 2,211,767.325200 |
| 767 - 768 | 27°04'16"SE | 49.93                 | 768          | 447,910.488800 | 2,211,722.861800 |
| 768 - 769 | 28°26'05"SE | 49.93                 | 769          | 447,934.261000 | 2,211,678.959700 |
| 769 - 770 | 28°07'52"SE | 49.99                 | 770          | 447,957.833000 | 2,211,634.871100 |
| 770 - 771 | 31°25'02"SE | 49.98                 | 771          | 447,983.887500 | 2,211,592.216200 |
| 771 - 772 | 32°13'43"SE | 50.00                 | 772          | 448,010.552500 | 2,211,549.920000 |
| 772 - 773 | 35°08'31"SE | 49.96                 | 773          | 448,039.310700 | 2,211,509.064900 |
| 773 - 774 | 33°43'18"SE | 35.08                 | 774          | 448,058.787000 | 2,211,479.885400 |
| 774 - 775 | 33°43'17"SE | 14.90                 | 775          | 448,067.060500 | 2,211,467.489900 |
| 775 - 776 | 34°06'38"SE | 44.70                 | 776          | 448,092.129800 | 2,211,430.477700 |
| 776 - 777 | 34°06'40"SE | 5.29                  | 777          | 448,095.098900 | 2,211,426.094200 |
| 777 - 778 | 34°26'20"SE | 38.86                 | 778          | 448,117.077900 | 2,211,394.041500 |
| 778 - 779 | 34°26'21"SE | 11.14                 | 779          | 448,123.375300 | 2,211,384.857900 |
| 779 - 780 | 34°26'19"SE | 50.00                 | 780          | 448,151.651700 | 2,211,343.621200 |
| 780 - 781 | 36°15'33"SE | 49.96                 | 781          | 448,181.201300 | 2,211,303.334200 |
| 781 - 782 | 32°11'13"SE | 49.29                 | 782          | 448,207.456400 | 2,211,261.621000 |
| 782 - 783 | 16°17'56"SE | 27.02                 | 783          | 448,215.040000 | 2,211,235.685400 |
| 783 - 784 | 16°17'55"SE | 22.91                 | 784          | 448,221.469600 | 2,211,213.696000 |
| 784 - 785 | 18°32'20"SE | 49.37                 | 785          | 448,237.168100 | 2,211,166.884300 |
| 785 - 786 | 39°35'52"SE | 13.88                 | 786          | 448,246.017500 | 2,211,156.186400 |
| 786 - 787 | 39°35'52"SE | 33.85                 | 787          | 448,267.590800 | 2,211,130.106800 |
| 787 - 788 | 39°36'01"SE | 2.01                  | 788          | 448,268.871100 | 2,211,128.559200 |
| 788 - 789 | 26°40'25"SE | 49.99                 | 789          | 448,291.312200 | 2,211,083.888900 |
| 789 - 790 | 15°01'46"SE | 49.29                 | 790          | 448,304.093900 | 2,211,036.285700 |
| 790 - 791 | 29°18'39"SE | 49.71                 | 791          | 448,328.427400 | 2,210,992.943300 |
| 791 - 792 | 29°59'10"SE | 50.00                 | 792          | 448,353.416900 | 2,210,949.636100 |
| 792 - 793 | 32°14'51"SE | 49.98                 | 793          | 448,380.085800 | 2,210,907.364700 |
| 793 - 794 | 33°41'01"SE | 49.99                 | 794          | 448,407.811500 | 2,210,865.766200 |
| 794 - 795 | 39°24'27"SE | 49.93                 | 795          | 448,439.510800 | 2,210,827.185200 |
| 795 - 796 | 44°51'19"SE | 22.51                 | 796          | 448,455.389400 | 2,210,811.226300 |
| 796 - 797 | 44°51'19"SE | 27.40                 | 797          | 448,474.711800 | 2,210,791.806100 |
| 797 - 798 | 46°40'06"SE | 49.98                 | 798          | 448,511.067800 | 2,210,757.508100 |
| 798 - 799 | 19°28'34"SE | 49.65                 | 799          | 448,527.623400 | 2,210,710.695100 |
| 799 - 800 | 40°16'09"SE | 48.47                 | 800          | 448,558.954900 | 2,210,673.710100 |
| 800 - 801 | 37°51'57"SE | 49.43                 | 801          | 448,589.293800 | 2,210,634.690100 |
| 801 - 802 | 20°01'14"SE | 18.30                 | 802          | 448,595.560500 | 2,210,617.491800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 802 - 803 | 20°01'13"SE | 29.41                 | 803          | 448,605.630200 | 2,210,589.856200 |
| 803 - 804 | 32°59'58"SE | 49.51                 | 804          | 448,632.595500 | 2,210,548.332700 |
| 804 - 805 | 35°30'42"SE | 49.98                 | 805          | 448,661.628000 | 2,210,507.648300 |
| 805 - 806 | 31°20'10"SE | 49.93                 | 806          | 448,687.593600 | 2,210,465.003100 |
| 806 - 807 | 28°38'49"SE | 49.96                 | 807          | 448,711.544300 | 2,210,421.160000 |
| 807 - 808 | 31°09'57"SE | 49.98                 | 808          | 448,737.407600 | 2,210,378.397300 |
| 808 - 809 | 13°47'38"SE | 49.18                 | 809          | 448,749.133600 | 2,210,330.635700 |
| 809 - 810 | 33°09'27"SE | 49.63                 | 810          | 448,776.279300 | 2,210,289.085600 |
| 810 - 811 | 65°11'26"SE | 47.55                 | 811          | 448,819.443600 | 2,210,269.132300 |
| 811 - 812 | 50°06'38"SE | 25.26                 | 812          | 448,838.825300 | 2,210,252.932800 |
| 812 - 813 | 50°06'39"SE | 22.99                 | 813          | 448,856.464400 | 2,210,238.190000 |
| 813 - 814 | 55°20'36"SE | 49.28                 | 814          | 448,897.003000 | 2,210,210.165200 |
| 814 - 815 | 59°29'11"SE | 47.98                 | 815          | 448,938.334200 | 2,210,185.806100 |
| 815 - 816 | 36°45'34"SE | 49.82                 | 816          | 448,968.151400 | 2,210,145.889800 |
| 816 - 817 | 25°34'47"SE | 49.50                 | 817          | 448,989.525600 | 2,210,101.238100 |
| 817 - 818 | 18°20'52"SE | 49.74                 | 818          | 449,005.182100 | 2,210,054.029900 |
| 818 - 819 | 30°08'28"SE | 50.00                 | 819          | 449,030.288800 | 2,210,010.790200 |
| 819 - 820 | 32°55'22"SE | 49.98                 | 820          | 449,057.455500 | 2,209,968.833900 |
| 820 - 821 | 35°31'43"SE | 49.99                 | 821          | 449,086.507100 | 2,209,928.148200 |
| 821 - 822 | 41°00'43"SE | 49.92                 | 822          | 449,119.267900 | 2,209,890.477200 |
| 822 - 823 | 11°09'27"SE | 48.42                 | 823          | 449,128.637900 | 2,209,842.970900 |
| 823 - 824 | 03°20'15"SE | 36.39                 | 824          | 449,130.756200 | 2,209,806.646700 |
| 824 - 825 | 03°20'15"SE | 12.25                 | 825          | 449,131.469100 | 2,209,794.422300 |
| 825 - 826 | 29°45'33"SE | 48.95                 | 826          | 449,155.765800 | 2,209,751.928000 |
| 826 - 827 | 34°14'45"SE | 49.19                 | 827          | 449,183.450100 | 2,209,711.262000 |
| 827 - 828 | 36°13'31"SE | 49.87                 | 828          | 449,212.920800 | 2,209,671.032800 |
| 828 - 829 | 32°20'26"SE | 49.72                 | 829          | 449,239.520400 | 2,209,629.022300 |
| 829 - 830 | 38°31'57"SE | 49.51                 | 830          | 449,270.363700 | 2,209,590.292200 |
| 830 - 831 | 32°39'17"SE | 49.93                 | 831          | 449,297.305100 | 2,209,548.253700 |
| 831 - 832 | 35°22'42"SE | 49.99                 | 832          | 449,326.250700 | 2,209,507.491000 |
| 832 - 833 | 34°27'29"SE | 49.74                 | 833          | 449,354.396300 | 2,209,466.474900 |
| 833 - 834 | 33°30'44"SE | 49.55                 | 834          | 449,381.752300 | 2,209,425.163800 |
| 834 - 835 | 35°20'19"SE | 15.72                 | 835          | 449,390.843900 | 2,209,412.341700 |
| 835 - 836 | 35°20'18"SE | 33.76                 | 836          | 449,410.370000 | 2,209,384.803100 |
| 836 - 837 | 33°04'17"SE | 24.44                 | 837          | 449,423.705800 | 2,209,364.323700 |
| 837 - 838 | 33°04'16"SE | 25.32                 | 838          | 449,437.524200 | 2,209,343.103000 |
| 838 - 839 | 38°06'42"SE | 49.98                 | 839          | 449,468.373000 | 2,209,303.776900 |
| 839 - 840 | 32°07'03"SE | 49.95                 | 840          | 449,494.930300 | 2,209,261.469900 |
| 840 - 841 | 29°55'55"SE | 26.13                 | 841          | 449,507.970400 | 2,209,238.821900 |
| 841 - 842 | 29°55'54"SE | 23.83                 | 842          | 449,519.859300 | 2,209,218.173100 |
| 842 - 843 | 35°55'28"SE | 35.24                 | 843          | 449,540.538100 | 2,209,189.632200 |
| 843 - 844 | 35°55'27"SE | 14.74                 | 844          | 449,549.187700 | 2,209,177.693900 |
| 844 - 845 | 33°58'25"SE | 49.98                 | 845          | 449,577.116600 | 2,209,136.246800 |
| 845 - 846 | 35°24'16"SE | 25.82                 | 846          | 449,592.075100 | 2,209,115.201800 |
| 846 - 847 | 35°24'17"SE | 24.16                 | 847          | 449,606.070300 | 2,209,095.512100 |
| 847 - 848 | 32°23'19"SE | 49.52                 | 848          | 449,632.594900 | 2,209,053.697900 |
| 848 - 849 | 37°16'35"SE | 48.56                 | 849          | 449,662.005000 | 2,209,015.058900 |
| 849 - 850 | 36°24'20"SE | 49.90                 | 850          | 449,691.619100 | 2,208,974.899800 |
| 850 - 851 | 29°50'13"SE | 44.12                 | 851          | 449,713.568400 | 2,208,936.631500 |
| 851 - 852 | 29°50'14"SE | 5.78                  | 852          | 449,716.442900 | 2,208,931.619900 |
| 852 - 853 | 39°18'43"SE | 0.02                  | 853          | 449,716.454200 | 2,208,931.606100 |
| 853 - 854 | 40°15'09"SE | 49.74                 | 854          | 449,748.591800 | 2,208,893.647000 |
| 854 - 855 | 33°00'45"SE | 7.71                  | 855          | 449,752.794000 | 2,208,887.179300 |
| 855 - 856 | 33°00'44"SE | 42.26                 | 856          | 449,775.816200 | 2,208,851.744800 |
| 856 - 857 | 32°38'45"SE | 22.63                 | 857          | 449,788.021900 | 2,208,832.692900 |
| 857 - 858 | 32°38'46"SE | 27.36                 | 858          | 449,802.779000 | 2,208,809.658900 |
| 858 - 859 | 31°52'35"SE | 49.98                 | 859          | 449,829.174500 | 2,208,767.213900 |
| 859 - 860 | 36°16'44"SE | 20.08                 | 860          | 449,841.057700 | 2,208,751.024400 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 860 - 861 | 36°16'44"SE | 29.91                 | 861          | 449,858.756200 | 2,208,726.912300 |
| 861 - 862 | 33°29'29"SE | 49.81                 | 862          | 449,886.241600 | 2,208,685.373200 |
| 862 - 863 | 34°05'29"SE | 43.88                 | 863          | 449,910.837700 | 2,208,649.033500 |
| 863 - 864 | 34°05'29"SE | 5.80                  | 864          | 449,914.087600 | 2,208,644.231900 |
| 864 - 865 | 31°41'22"SE | 0.04                  | 865          | 449,914.106800 | 2,208,644.200800 |
| 865 - 866 | 32°11'44"SE | 49.65                 | 866          | 449,940.561900 | 2,208,602.183700 |
| 866 - 867 | 31°37'43"SE | 0.02                  | 867          | 449,940.571200 | 2,208,602.168600 |
| 867 - 868 | 30°44'37"SE | 49.98                 | 868          | 449,966.119700 | 2,208,559.214900 |
| 868 - 869 | 36°42'32"SE | 49.95                 | 869          | 449,995.974800 | 2,208,519.174200 |
| 869 - 870 | 34°25'19"SE | 10.10                 | 870          | 450,001.682000 | 2,208,510.845900 |
| 870 - 871 | 34°25'15"SE | 39.48                 | 871          | 450,023.996400 | 2,208,478.282100 |
| 871 - 872 | 33°31'12"SE | 23.69                 | 872          | 450,037.081200 | 2,208,458.528200 |
| 872 - 873 | 33°25'44"SE | 0.09                  | 873          | 450,037.131500 | 2,208,458.452000 |
| 873 - 874 | 33°31'11"SE | 26.14                 | 874          | 450,051.568800 | 2,208,436.656100 |
| 874 - 875 | 34°22'53"SE | 49.98                 | 875          | 450,079.793100 | 2,208,395.407200 |
| 875 - 876 | 33°11'25"SE | 49.88                 | 876          | 450,107.097700 | 2,208,353.666000 |
| 876 - 877 | 34°59'34"SE | 21.16                 | 877          | 450,119.230200 | 2,208,336.334400 |
| 877 - 878 | 34°59'33"SE | 28.84                 | 878          | 450,135.770300 | 2,208,312.706200 |
| 878 - 879 | 31°41'44"SE | 16.41                 | 879          | 450,144.392500 | 2,208,298.743300 |
| 879 - 880 | 31°41'42"SE | 0.14                  | 880          | 450,144.464500 | 2,208,298.626700 |
| 880 - 881 | 31°41'43"SE | 33.34                 | 881          | 450,161.982700 | 2,208,270.257200 |
| 881 - 882 | 31°14'20"SE | 49.83                 | 882          | 450,187.823800 | 2,208,227.653800 |
| 882 - 883 | 34°49'38"SE | 44.94                 | 883          | 450,213.488300 | 2,208,190.765000 |
| 883 - 884 | 34°49'42"SE | 3.14                  | 884          | 450,215.281200 | 2,208,188.188100 |
| 884 - 885 | 39°42'32"SE | 2.22                  | 885          | 450,216.702400 | 2,208,186.476800 |
| 885 - 886 | 39°42'26"SE | 47.77                 | 886          | 450,247.221600 | 2,208,149.725900 |
| 886 - 887 | 33°38'51"SE | 49.85                 | 887          | 450,274.842000 | 2,208,108.228700 |
| 887 - 888 | 29°40'46"SE | 24.75                 | 888          | 450,287.096600 | 2,208,086.726200 |
| 888 - 889 | 29°40'46"SE | 25.15                 | 889          | 450,299.551400 | 2,208,064.872600 |
| 889 - 890 | 42°41'18"SE | 49.87                 | 890          | 450,333.360800 | 2,208,028.218800 |
| 890 - 891 | 38°06'55"SE | 49.94                 | 891          | 450,364.185900 | 2,207,988.928000 |
| 891 - 892 | 33°06'45"SE | 50.00                 | 892          | 450,391.499600 | 2,207,947.049100 |
| 892 - 893 | 31°59'25"SE | 50.00                 | 893          | 450,417.988300 | 2,207,904.642700 |
| 893 - 894 | 55°26'25"SE | 2.62                  | 894          | 450,420.143900 | 2,207,903.157900 |
| 894 - 895 | 55°27'34"SE | 45.72                 | 895          | 450,457.803600 | 2,207,877.235900 |
| 895 - 896 | 31°03'53"SE | 23.96                 | 896          | 450,470.166800 | 2,207,856.712800 |
| 896 - 897 | 31°03'51"SE | 8.24                  | 897          | 450,474.418200 | 2,207,849.655200 |
| 897 - 898 | 31°03'54"SE | 17.20                 | 898          | 450,483.293700 | 2,207,834.921800 |
| 898 - 899 | 38°18'46"SE | 12.17                 | 899          | 450,490.836500 | 2,207,825.375400 |
| 899 - 900 | 38°18'48"SE | 37.19                 | 900          | 450,513.890600 | 2,207,796.198000 |
| 900 - 901 | 14°48'54"SE | 29.42                 | 901          | 450,521.413300 | 2,207,767.756000 |
| 901 - 902 | 14°48'53"SE | 20.01                 | 902          | 450,526.530400 | 2,207,748.409000 |
| 902 - 903 | 26°30'23"SE | 45.21                 | 903          | 450,546.707100 | 2,207,707.952300 |
| 903 - 904 | 26°30'20"SE | 4.32                  | 904          | 450,548.634800 | 2,207,704.086900 |
| 904 - 905 | 47°43'02"SE | 49.99                 | 905          | 450,585.616800 | 2,207,670.456200 |
| 905 - 906 | 44°44'29"SE | 31.62                 | 906          | 450,607.876100 | 2,207,647.995100 |
| 906 - 907 | 44°44'29"SE | 18.38                 | 907          | 450,620.812200 | 2,207,634.941800 |
| 907 - 908 | 39°35'43"SE | 43.54                 | 908          | 450,648.560900 | 2,207,601.393900 |
| 908 - 909 | 39°35'42"SE | 6.43                  | 909          | 450,652.658500 | 2,207,596.439900 |
| 909 - 910 | 26°36'53"SE | 49.64                 | 910          | 450,674.897000 | 2,207,552.059200 |
| 910 - 911 | 24°41'38"SE | 4.97                  | 911          | 450,676.974800 | 2,207,547.540500 |
| 911 - 912 | 24°41'37"SE | 44.98                 | 912          | 450,695.766400 | 2,207,506.672900 |
| 912 - 913 | 23°07'59"SE | 23.83                 | 913          | 450,705.126900 | 2,207,484.762800 |
| 913 - 914 | 23°11'54"SE | 0.01                  | 914          | 450,705.131100 | 2,207,484.753000 |
| 914 - 915 | 23°07'59"SE | 25.61                 | 915          | 450,715.193900 | 2,207,461.199000 |
| 915 - 916 | 47°20'27"SE | 49.80                 | 916          | 450,751.819600 | 2,207,427.450200 |
| 916 - 917 | 26°04'38"SE | 29.62                 | 917          | 450,764.842000 | 2,207,400.841700 |
| 917 - 918 | 26°04'37"SE | 20.14                 | 918          | 450,773.693800 | 2,207,382.754700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 918 - 919 | 37°25'58"SE | 21.86                 | 919          | 450,786.981300 | 2,207,365.396000 |
| 919 - 920 | 37°25'57"SE | 27.13                 | 920          | 450,803.473900 | 2,207,343.850100 |
| 920 - 921 | 34°58'50"SE | 27.38                 | 921          | 450,819.172600 | 2,207,321.413900 |
| 921 - 922 | 34°58'48"SE | 22.37                 | 922          | 450,831.996500 | 2,207,303.086000 |
| 922 - 923 | 42°43'22"SE | 49.93                 | 923          | 450,865.872100 | 2,207,266.404900 |
| 923 - 924 | 33°26'14"SE | 49.91                 | 924          | 450,893.372400 | 2,207,224.757800 |
| 924 - 925 | 18°23'42"SE | 14.85                 | 925          | 450,898.058100 | 2,207,210.668100 |
| 925 - 926 | 18°23'42"SE | 34.76                 | 926          | 450,909.025700 | 2,207,177.688800 |
| 926 - 927 | 29°25'47"SE | 50.00                 | 927          | 450,933.592300 | 2,207,134.143000 |
| 927 - 928 | 33°47'41"SE | 49.95                 | 928          | 450,961.374800 | 2,207,092.633800 |
| 928 - 929 | 40°43'43"SE | 11.17                 | 929          | 450,968.662200 | 2,207,084.170000 |
| 929 - 930 | 40°43'43"SE | 38.80                 | 930          | 450,993.980500 | 2,207,054.764700 |
| 930 - 931 | 47°58'05"SE | 23.69                 | 931          | 451,011.573800 | 2,207,038.906000 |
| 931 - 932 | 48°48'50"SE | 0.01                  | 932          | 451,011.578600 | 2,207,038.901800 |
| 932 - 933 | 47°58'05"SE | 26.29                 | 933          | 451,031.104200 | 2,207,021.301200 |
| 933 - 934 | 38°06'55"SE | 49.76                 | 934          | 451,061.818000 | 2,206,982.152000 |
| 934 - 935 | 31°20'55"SE | 14.83                 | 935          | 451,069.533300 | 2,206,969.486900 |
| 935 - 936 | 31°20'56"SE | 35.17                 | 936          | 451,087.829200 | 2,206,939.453200 |
| 936 - 937 | 29°28'15"SE | 49.95                 | 937          | 451,112.403100 | 2,206,895.967800 |
| 937 - 938 | 43°14'02"SE | 3.19                  | 938          | 451,114.587800 | 2,206,893.644100 |
| 938 - 939 | 43°17'22"SE | 47.59                 | 939          | 451,147.218000 | 2,206,859.005200 |
| 939 - 940 | 43°15'19"SE | 0.14                  | 940          | 451,147.311900 | 2,206,858.905400 |
| 940 - 941 | 43°17'24"SE | 2.23                  | 941          | 451,148.841100 | 2,206,857.282100 |
| 941 - 942 | 40°51'24"SE | 49.96                 | 942          | 451,181.521600 | 2,206,819.497000 |
| 942 - 943 | 41°20'38"SE | 49.98                 | 943          | 451,214.534500 | 2,206,781.977300 |
| 943 - 944 | 29°20'03"SE | 49.78                 | 944          | 451,238.920000 | 2,206,738.583700 |
| 944 - 945 | 39°00'15"SE | 49.82                 | 945          | 451,270.278600 | 2,206,699.865000 |
| 945 - 946 | 40°13'25"SE | 49.64                 | 946          | 451,302.332600 | 2,206,661.966000 |
| 946 - 947 | 35°54'34"SE | 0.00                  | 947          | 451,302.334700 | 2,206,661.963100 |
| 947 - 948 | 40°11'39"SE | 0.06                  | 948          | 451,302.376100 | 2,206,661.914100 |
| 948 - 949 | 26°52'39"SE | 49.95                 | 949          | 451,324.957500 | 2,206,617.360800 |
| 949 - 950 | 33°26'46"SE | 49.98                 | 950          | 451,352.504500 | 2,206,575.657000 |
| 950 - 951 | 35°34'04"SE | 0.04                  | 951          | 451,352.530100 | 2,206,575.621200 |
| 951 - 952 | 36°17'13"SE | 49.96                 | 952          | 451,382.095600 | 2,206,535.353700 |
| 952 - 953 | 41°16'55"SE | 37.51                 | 953          | 451,406.846500 | 2,206,507.162700 |
| 953 - 954 | 41°16'57"SE | 12.19                 | 954          | 451,414.892200 | 2,206,497.998900 |
| 954 - 955 | 47°27'59"SE | 17.30                 | 955          | 451,427.637100 | 2,206,486.306700 |
| 955 - 956 | 47°28'00"SE | 32.68                 | 956          | 451,451.716900 | 2,206,464.215900 |
| 956 - 957 | 33°55'11"SE | 0.21                  | 957          | 451,451.836600 | 2,206,464.037900 |
| 957 - 958 | 33°55'58"SE | 49.51                 | 958          | 451,479.474300 | 2,206,422.959800 |
| 958 - 959 | 41°29'32"SE | 49.82                 | 959          | 451,512.482000 | 2,206,385.641200 |
| 959 - 960 | 23°05'21"SE | 49.41                 | 960          | 451,531.860200 | 2,206,340.186000 |
| 960 - 961 | 34°35'01"SE | 27.29                 | 961          | 451,547.348900 | 2,206,317.720300 |
| 961 - 962 | 34°35'00"SE | 22.52                 | 962          | 451,560.131700 | 2,206,299.179200 |
| 962 - 963 | 41°02'52"SE | 5.43                  | 963          | 451,563.694300 | 2,206,295.087800 |
| 963 - 964 | 41°02'53"SE | 44.50                 | 964          | 451,592.916000 | 2,206,261.529000 |
| 964 - 965 | 42°47'43"SE | 27.34                 | 965          | 451,611.493600 | 2,206,241.463800 |
| 965 - 966 | 42°47'41"SE | 5.13                  | 966          | 451,614.981800 | 2,206,237.696200 |
| 966 - 967 | 42°47'42"SE | 17.52                 | 967          | 451,626.884600 | 2,206,224.840200 |
| 967 - 968 | 43°18'34"SE | 49.99                 | 968          | 451,661.177400 | 2,206,188.461900 |
| 968 - 969 | 39°31'44"SE | 49.87                 | 969          | 451,692.917200 | 2,206,149.998100 |
| 969 - 970 | 36°25'58"SE | 50.00                 | 970          | 451,722.608700 | 2,206,109.774000 |
| 970 - 971 | 37°25'41"SE | 50.00                 | 971          | 451,752.997100 | 2,206,070.068100 |
| 971 - 972 | 41°54'45"SE | 49.99                 | 972          | 451,786.390700 | 2,206,032.866800 |
| 972 - 973 | 37°59'04"SE | 49.86                 | 973          | 451,817.079800 | 2,205,993.564900 |
| 973 - 974 | 34°21'59"SE | 49.98                 | 974          | 451,845.293000 | 2,205,952.308900 |
| 974 - 975 | 38°26'01"SE | 50.00                 | 975          | 451,876.373400 | 2,205,913.142800 |
| 975 - 976 | 38°02'11"SE | 50.00                 | 976          | 451,907.180800 | 2,205,873.762800 |



| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 976 - 977   | 36°47'16"SE | 50.00                 | 977          | 451,937.123600 | 2,205,833.719900 |
| 977 - 978   | 30°43'40"SE | 49.97                 | 978          | 451,962.657800 | 2,205,790.763100 |
| 978 - 979   | 27°02'00"SE | 14.36                 | 979          | 451,969.185300 | 2,205,777.970600 |
| 979 - 980   | 27°01'59"SE | 35.58                 | 980          | 451,985.354700 | 2,205,746.281900 |
| 980 - 981   | 38°43'55"SE | 50.00                 | 981          | 452,016.638600 | 2,205,707.277800 |
| 981 - 982   | 46°46'26"SE | 0.28                  | 982          | 452,016.843300 | 2,205,707.085400 |
| 982 - 983   | 46°46'42"SE | 49.47                 | 983          | 452,052.892300 | 2,205,673.207800 |
| 983 - 984   | 44°35'35"SE | 14.95                 | 984          | 452,063.386300 | 2,205,662.563700 |
| 984 - 985   | 44°35'37"SE | 11.66                 | 985          | 452,071.572400 | 2,205,654.260700 |
| 985 - 986   | 38°17'00"SE | 72.77                 | 986          | 452,116.658400 | 2,205,597.138000 |
| 986 - 987   | 33°27'48"SE | 49.81                 | 987          | 452,144.123000 | 2,205,555.586100 |
| 987 - 988   | 40°33'29"SE | 5.58                  | 988          | 452,147.753200 | 2,205,551.344400 |
| 988 - 989   | 40°33'26"SE | 44.35                 | 989          | 452,176.590400 | 2,205,517.648800 |
| 989 - 990   | 37°43'20"SE | 49.98                 | 990          | 452,207.171200 | 2,205,478.113800 |
| 990 - 991   | 41°20'14"SE | 50.00                 | 991          | 452,240.194800 | 2,205,440.573100 |
| 991 - 992   | 41°52'25"SE | 49.89                 | 992          | 452,273.498700 | 2,205,403.421000 |
| 992 - 993   | 33°39'09"SE | 50.00                 | 993          | 452,301.204900 | 2,205,361.803000 |
| 993 - 994   | 27°57'33"SE | 49.95                 | 994          | 452,324.624900 | 2,205,317.681000 |
| 994 - 995   | 34°42'56"SE | 49.85                 | 995          | 452,353.014500 | 2,205,276.705100 |
| 995 - 996   | 42°45'02"SE | 45.25                 | 996          | 452,383.732000 | 2,205,243.475900 |
| 996 - 997   | 42°45'02"SE | 4.01                  | 997          | 452,386.455500 | 2,205,240.529700 |
| 997 - 998   | 35°47'46"SE | 49.09                 | 998          | 452,415.168000 | 2,205,200.713200 |
| 998 - 999   | 34°14'03"SE | 11.67                 | 999          | 452,421.732500 | 2,205,191.066300 |
| 999 - 1000  | 34°14'04"SE | 36.80                 | 1000         | 452,442.436100 | 2,205,160.641300 |
| 1000 - 1001 | 34°14'04"SE | 1.49                  | 1001         | 452,443.273500 | 2,205,159.410700 |
| 1001 - 1002 | 42°58'00"SE | 39.42                 | 1002         | 452,470.140900 | 2,205,130.565400 |
| 1002 - 1003 | 42°57'59"SE | 10.50                 | 1003         | 452,477.299100 | 2,205,122.880200 |
| 1003 - 1004 | 33°56'28"SE | 27.73                 | 1004         | 452,492.780700 | 2,205,099.876900 |
| 1004 - 1005 | 33°56'29"SE | 22.26                 | 1005         | 452,505.210200 | 2,205,081.408700 |
| 1005 - 1006 | 26°59'51"SE | 2.71                  | 1006         | 452,506.441900 | 2,205,078.991100 |
| 1006 - 1007 | 26°59'52"SE | 41.01                 | 1007         | 452,525.060300 | 2,205,042.447200 |
| 1007 - 1008 | 26°59'53"SE | 5.70                  | 1008         | 452,527.647200 | 2,205,037.369700 |
| 1008 - 1009 | 31°39'39"SE | 49.18                 | 1009         | 452,553.459200 | 2,204,995.512900 |
| 1009 - 1010 | 44°54'17"SE | 36.74                 | 1010         | 452,579.392700 | 2,204,969.493200 |
| 1010 - 1011 | 44°54'16"SE | 13.25                 | 1011         | 452,588.749700 | 2,204,960.105000 |
| 1011 - 1012 | 38°26'52"SE | 11.87                 | 1012         | 452,596.127700 | 2,204,950.812300 |
| 1012 - 1013 | 38°26'52"SE | 27.50                 | 1013         | 452,613.225200 | 2,204,929.277700 |
| 1013 - 1014 | 38°26'54"SE | 10.56                 | 1014         | 452,619.794400 | 2,204,921.003800 |
| 1014 - 1015 | 29°41'16"SE | 12.65                 | 1015         | 452,626.060200 | 2,204,910.013300 |
| 1015 - 1016 | 29°41'16"SE | 37.19                 | 1016         | 452,644.478000 | 2,204,877.707800 |
| 1016 - 1017 | 41°45'47"SE | 14.03                 | 1017         | 452,653.824400 | 2,204,867.240900 |
| 1017 - 1018 | 41°45'48"SE | 34.29                 | 1018         | 452,676.665500 | 2,204,841.661800 |
| 1018 - 1019 | 49°06'10"SE | 49.34                 | 1019         | 452,713.964000 | 2,204,809.356200 |
| 1019 - 1020 | 37°45'09"SE | 50.00                 | 1020         | 452,744.575800 | 2,204,769.824100 |
| 1020 - 1021 | 31°18'18"SE | 49.69                 | 1021         | 452,770.394600 | 2,204,727.368100 |
| 1021 - 1022 | 38°33'01"SE | 49.88                 | 1022         | 452,801.479300 | 2,204,688.359800 |
| 1022 - 1023 | 38°24'28"SE | 49.61                 | 1023         | 452,832.299000 | 2,204,649.486000 |
| 1023 - 1024 | 40°35'17"SE | 49.22                 | 1024         | 452,864.319800 | 2,204,612.111000 |
| 1024 - 1025 | 30°34'04"SE | 21.83                 | 1025         | 452,875.420000 | 2,204,593.317600 |
| 1025 - 1026 | 30°34'03"SE | 26.16                 | 1026         | 452,888.725700 | 2,204,570.789900 |
| 1026 - 1027 | 34°03'06"SE | 48.88                 | 1027         | 452,916.095100 | 2,204,530.292300 |
| 1027 - 1028 | 43°29'26"SE | 49.89                 | 1028         | 452,950.434200 | 2,204,494.094800 |
| 1028 - 1029 | 30°18'11"SE | 49.29                 | 1029         | 452,975.304000 | 2,204,451.540700 |
| 1029 - 1030 | 47°12'28"SE | 29.90                 | 1030         | 452,997.248000 | 2,204,431.226000 |
| 1030 - 1031 | 47°12'27"SE | 20.05                 | 1031         | 453,011.958800 | 2,204,417.607300 |
| 1031 - 1032 | 38°41'47"SE | 49.76                 | 1032         | 453,043.067200 | 2,204,378.772900 |
| 1032 - 1033 | 32°21'57"SE | 49.71                 | 1033         | 453,069.676700 | 2,204,336.787900 |
| 1033 - 1034 | 27°54'21"SE | 49.85                 | 1034         | 453,093.009000 | 2,204,292.732200 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1034 - 1035 | 39°50'18"SE | 49.97                 | 1035         | 453,125.020000 | 2,204,254.363900 |
| 1035 - 1036 | 37°48'43"SE | 49.53                 | 1036         | 453,155.384500 | 2,204,215.235200 |
| 1036 - 1037 | 37°23'26"SE | 29.84                 | 1037         | 453,173.507000 | 2,204,191.523900 |
| 1037 - 1038 | 37°23'25"SE | 19.81                 | 1038         | 453,185.539200 | 2,204,175.781000 |
| 1038 - 1039 | 29°13'37"SE | 49.56                 | 1039         | 453,209.739400 | 2,204,132.527800 |
| 1039 - 1040 | 37°01'21"SE | 3.04                  | 1040         | 453,211.572800 | 2,204,130.096800 |
| 1040 - 1041 | 37°01'26"SE | 46.74                 | 1041         | 453,239.715200 | 2,204,092.783100 |
| 1041 - 1042 | 47°03'27"SE | 49.88                 | 1042         | 453,276.231500 | 2,204,058.799800 |
| 1042 - 1043 | 40°25'40"SE | 49.53                 | 1043         | 453,308.354200 | 2,204,021.092900 |
| 1043 - 1044 | 30°47'43"SE | 46.37                 | 1044         | 453,332.092300 | 2,203,981.264800 |
| 1044 - 1045 | 28°57'04"SE | 49.08                 | 1045         | 453,355.848600 | 2,203,938.321000 |
| 1045 - 1046 | 26°56'47"SE | 48.86                 | 1046         | 453,377.992000 | 2,203,894.761800 |
| 1046 - 1047 | 33°43'50"SE | 13.66                 | 1047         | 453,385.580000 | 2,203,883.397300 |
| 1047 - 1048 | 33°43'50"SE | 35.56                 | 1048         | 453,405.326500 | 2,203,853.823100 |
| 1048 - 1049 | 41°50'20"SE | 42.21                 | 1049         | 453,433.482100 | 2,203,822.376000 |
| 1049 - 1050 | 41°50'20"SE | 6.73                  | 1050         | 453,437.970300 | 2,203,817.363100 |
| 1050 - 1051 | 26°36'16"SE | 46.60                 | 1051         | 453,458.838800 | 2,203,775.697800 |
| 1051 - 1052 | 43°38'00"SE | 49.71                 | 1052         | 453,493.138100 | 2,203,739.722100 |
| 1052 - 1053 | 36°49'58"SE | 49.35                 | 1053         | 453,522.724100 | 2,203,700.221200 |
| 1053 - 1054 | 28°26'05"SE | 49.41                 | 1054         | 453,546.250800 | 2,203,656.772900 |
| 1054 - 1055 | 26°34'41"SE | 49.50                 | 1055         | 453,568.399000 | 2,203,612.501700 |
| 1055 - 1056 | 27°04'12"SE | 48.46                 | 1056         | 453,590.452500 | 2,203,569.349800 |
| 1056 - 1057 | 26°34'24"SE | 45.26                 | 1057         | 453,610.699000 | 2,203,528.871700 |
| 1057 - 1058 | 26°34'18"SE | 4.46                  | 1058         | 453,612.694800 | 2,203,524.881300 |
| 1058 - 1059 | 32°36'35"SE | 49.96                 | 1059         | 453,639.617200 | 2,203,482.800000 |
| 1059 - 1060 | 37°54'19"SE | 49.95                 | 1060         | 453,670.303000 | 2,203,443.389900 |
| 1060 - 1061 | 40°52'10"SE | 49.93                 | 1061         | 453,702.974200 | 2,203,405.632700 |
| 1061 - 1062 | 37°51'37"SE | 49.78                 | 1062         | 453,733.525300 | 2,203,366.332200 |
| 1062 - 1063 | 41°19'06"SE | 49.90                 | 1063         | 453,766.471900 | 2,203,328.854300 |
| 1063 - 1064 | 44°31'37"SE | 49.60                 | 1064         | 453,801.257100 | 2,203,293.490100 |
| 1064 - 1065 | 29°30'31"SE | 49.87                 | 1065         | 453,825.823200 | 2,203,250.085100 |
| 1065 - 1066 | 41°36'42"SE | 48.60                 | 1066         | 453,858.098400 | 2,203,213.747800 |
| 1066 - 1067 | 41°36'20"SE | 0.22                  | 1067         | 453,858.245900 | 2,203,213.581700 |
| 1067 - 1068 | 40°54'13"SE | 48.65                 | 1068         | 453,890.103000 | 2,203,176.809900 |
| 1068 - 1069 | 39°50'33"SE | 49.97                 | 1069         | 453,922.120200 | 2,203,138.439800 |
| 1069 - 1070 | 37°20'04"SE | 49.96                 | 1070         | 453,952.416300 | 2,203,098.720100 |
| 1070 - 1071 | 36°33'55"SE | 49.92                 | 1071         | 453,982.154500 | 2,203,058.627100 |
| 1071 - 1072 | 19°15'06"SE | 49.90                 | 1072         | 453,998.608800 | 2,203,011.513800 |
| 1072 - 1073 | 12°42'02"SE | 49.89                 | 1073         | 454,009.576500 | 2,202,962.849100 |
| 1073 - 1074 | 19°47'21"SE | 49.66                 | 1074         | 454,026.389700 | 2,202,916.121100 |
| 1074 - 1075 | 33°02'09"SE | 41.43                 | 1075         | 454,048.978000 | 2,202,881.386000 |
| 1075 - 1076 | 33°02'07"SE | 8.24                  | 1076         | 454,053.469600 | 2,202,874.478900 |
| 1076 - 1077 | 43°21'28"SE | 4.57                  | 1077         | 454,056.607100 | 2,202,871.156200 |
| 1077 - 1078 | 43°21'28"SE | 21.96                 | 1078         | 454,071.682800 | 2,202,855.190600 |
| 1078 - 1079 | 43°21'28"SE | 23.40                 | 1079         | 454,087.747900 | 2,202,838.177200 |
| 1079 - 1080 | 27°20'18"SE | 49.33                 | 1080         | 454,110.403300 | 2,202,794.355300 |
| 1080 - 1081 | 74°26'02"SE | 10.22                 | 1081         | 454,120.249100 | 2,202,791.612600 |
| 1081 - 1082 | 74°26'05"SE | 36.72                 | 1082         | 454,155.623800 | 2,202,781.759000 |
| 1082 - 1083 | 36°03'02"SE | 49.42                 | 1083         | 454,184.706000 | 2,202,741.805200 |
| 1083 - 1084 | 19°41'49"SE | 27.49                 | 1084         | 454,193.972400 | 2,202,715.921100 |
| 1084 - 1085 | 19°41'49"SE | 18.35                 | 1085         | 454,200.155600 | 2,202,698.649300 |
| 1085 - 1086 | 27°07'15"SE | 47.23                 | 1086         | 454,221.687100 | 2,202,656.610800 |
| 1086 - 1087 | 27°07'13"SE | 2.16                  | 1087         | 454,222.673500 | 2,202,654.684900 |
| 1087 - 1088 | 46°18'51"SE | 49.45                 | 1088         | 454,258.434500 | 2,202,620.527900 |
| 1088 - 1089 | 43°21'29"SE | 48.03                 | 1089         | 454,291.406800 | 2,202,585.609800 |
| 1089 - 1090 | 40°12'56"SE | 49.78                 | 1090         | 454,323.546300 | 2,202,547.599000 |
| 1090 - 1091 | 35°57'12"SE | 49.88                 | 1091         | 454,352.830600 | 2,202,507.223800 |
| 1091 - 1092 | 41°40'19"SE | 49.33                 | 1092         | 454,385.631600 | 2,202,470.372700 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1092 - 1093 | 21°04'53"SE | 39.39                 | 1093         | 454,399.799000 | 2,202,433.621600 |
| 1093 - 1094 | 21°04'52"SE | 9.38                  | 1094         | 454,403.171600 | 2,202,424.872800 |
| 1094 - 1095 | 31°35'08"SE | 17.13                 | 1095         | 454,412.143800 | 2,202,410.280600 |
| 1095 - 1096 | 31°35'09"SE | 32.11                 | 1096         | 454,428.960200 | 2,202,382.931000 |
| 1096 - 1097 | 25°26'03"SE | 23.27                 | 1097         | 454,438.953600 | 2,202,361.917500 |
| 1097 - 1098 | 25°26'02"SE | 26.40                 | 1098         | 454,450.293100 | 2,202,338.073000 |
| 1098 - 1099 | 43°28'48"SE | 29.59                 | 1099         | 454,470.651400 | 2,202,316.604900 |
| 1099 - 1100 | 43°28'50"SE | 20.41                 | 1100         | 454,484.693200 | 2,202,301.797900 |
| 1100 - 1101 | 25°00'19"SE | 48.79                 | 1101         | 454,505.316800 | 2,202,257.581200 |
| 1101 - 1102 | 43°02'45"SE | 49.90                 | 1102         | 454,539.377800 | 2,202,221.114100 |
| 1102 - 1103 | 33°59'57"SE | 49.34                 | 1103         | 454,566.969300 | 2,202,180.207000 |
| 1103 - 1104 | 26°40'50"SE | 48.60                 | 1104         | 454,588.793100 | 2,202,136.778900 |
| 1104 - 1105 | 41°29'25"SE | 47.52                 | 1105         | 454,620.275200 | 2,202,101.182800 |
| 1105 - 1106 | 33°11'07"SE | 49.87                 | 1106         | 454,647.571900 | 2,202,059.446000 |
| 1106 - 1107 | 36°12'16"SE | 7.11                  | 1107         | 454,651.770800 | 2,202,053.709900 |
| 1107 - 1108 | 36°12'16"SE | 42.75                 | 1108         | 454,677.023800 | 2,202,019.211900 |
| 1108 - 1109 | 43°04'15"SE | 36.89                 | 1109         | 454,702.219300 | 2,201,992.260000 |
| 1109 - 1110 | 43°04'17"SE | 12.98                 | 1110         | 454,711.081800 | 2,201,982.779900 |
| 1110 - 1111 | 38°47'31"SE | 49.92                 | 1111         | 454,742.354100 | 2,201,943.874000 |
| 1111 - 1112 | 40°39'56"SE | 49.98                 | 1112         | 454,774.923900 | 2,201,905.962200 |
| 1112 - 1113 | 37°07'58"SE | 49.74                 | 1113         | 454,804.948100 | 2,201,866.310300 |
| 1113 - 1114 | 18°28'21"SE | 45.92                 | 1114         | 454,819.497900 | 2,201,822.756700 |
| 1114 - 1115 | 19°14'03"SE | 48.41                 | 1115         | 454,835.446400 | 2,201,777.046900 |
| 1115 - 1116 | 34°37'47"SE | 49.43                 | 1116         | 454,863.535300 | 2,201,736.375000 |
| 1116 - 1117 | 34°12'52"SE | 49.76                 | 1117         | 454,891.516200 | 2,201,695.225100 |
| 1117 - 1118 | 43°07'10"SE | 49.47                 | 1118         | 454,925.332300 | 2,201,659.113100 |
| 1118 - 1119 | 44°59'44"SE | 49.67                 | 1119         | 454,960.452800 | 2,201,623.987200 |
| 1119 - 1120 | 33°18'51"SE | 49.76                 | 1120         | 454,987.784100 | 2,201,582.401800 |
| 1120 - 1121 | 38°20'15"SE | 49.93                 | 1121         | 455,018.753900 | 2,201,543.240000 |
| 1121 - 1122 | 34°37'40"SE | 49.16                 | 1122         | 455,046.690900 | 2,201,502.785100 |
| 1122 - 1123 | 42°01'36"SE | 48.44                 | 1123         | 455,079.123500 | 2,201,466.798800 |
| 1123 - 1124 | 14°59'08"SE | 46.87                 | 1124         | 455,091.243300 | 2,201,421.522100 |
| 1124 - 1125 | 25°07'51"SE | 47.16                 | 1125         | 455,111.273700 | 2,201,378.822000 |
| 1125 - 1126 | 42°57'19"SE | 48.40                 | 1126         | 455,144.251800 | 2,201,343.402100 |
| 1126 - 1127 | 38°30'19"SE | 49.76                 | 1127         | 455,175.234300 | 2,201,304.459200 |
| 1127 - 1128 | 37°45'29"SE | 49.96                 | 1128         | 455,205.827800 | 2,201,264.958900 |
| 1128 - 1129 | 37°18'39"SE | 49.94                 | 1129         | 455,236.099800 | 2,201,225.236900 |
| 1129 - 1130 | 30°51'18"SE | 49.91                 | 1130         | 455,261.698300 | 2,201,182.388900 |
| 1130 - 1131 | 32°56'12"SE | 49.87                 | 1131         | 455,288.814800 | 2,201,140.532000 |
| 1131 - 1132 | 31°21'40"SE | 49.94                 | 1132         | 455,314.807800 | 2,201,097.883900 |
| 1132 - 1133 | 33°44'20"SE | 49.99                 | 1133         | 455,342.575000 | 2,201,056.310200 |
| 1133 - 1134 | 13°00'41"SE | 48.07                 | 1134         | 455,353.396600 | 2,201,009.479200 |
| 1134 - 1135 | 29°17'48"SE | 43.64                 | 1135         | 455,374.752200 | 2,200,971.418800 |
| 1135 - 1136 | 55°33'21"SE | 43.68                 | 1136         | 455,410.771700 | 2,200,946.715100 |
| 1136 - 1137 | 49°18'33"SE | 49.87                 | 1137         | 455,448.588700 | 2,200,914.198100 |
| 1137 - 1138 | 29°56'43"SE | 49.19                 | 1138         | 455,473.140700 | 2,200,871.578900 |
| 1138 - 1139 | 39°34'54"SE | 49.67                 | 1139         | 455,504.787400 | 2,200,833.299700 |
| 1139 - 1140 | 26°29'26"SE | 49.68                 | 1140         | 455,526.947700 | 2,200,788.835100 |
| 1140 - 1141 | 30°37'57"SE | 49.61                 | 1141         | 455,552.224900 | 2,200,746.149100 |
| 1141 - 1142 | 35°39'55"SE | 49.99                 | 1142         | 455,581.371000 | 2,200,705.536200 |
| 1142 - 1143 | 35°14'26"SE | 49.99                 | 1143         | 455,610.217600 | 2,200,664.705100 |
| 1143 - 1144 | 32°47'03"SE | 49.85                 | 1144         | 455,637.212600 | 2,200,622.792000 |
| 1144 - 1145 | 25°35'50"SE | 49.78                 | 1145         | 455,658.718200 | 2,200,577.901200 |
| 1145 - 1146 | 31°50'07"SE | 49.97                 | 1146         | 455,685.075700 | 2,200,535.449300 |
| 1146 - 1147 | 37°41'39"SE | 50.00                 | 1147         | 455,715.648100 | 2,200,495.885100 |
| 1147 - 1148 | 34°07'21"SE | 49.96                 | 1148         | 455,743.674800 | 2,200,454.525100 |
| 1148 - 1149 | 36°16'27"SE | 49.17                 | 1149         | 455,772.767500 | 2,200,414.882800 |
| 1149 - 1150 | 41°27'37"SE | 49.69                 | 1150         | 455,805.665900 | 2,200,377.646200 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1150 - 1151 | 39°13'48"SE | 49.93                 | 1151         | 455,837.240900 | 2,200,338.973100 |
| 1151 - 1152 | 37°26'09"SE | 49.92                 | 1152         | 455,867.587200 | 2,200,299.333200 |
| 1152 - 1153 | 36°18'56"SE | 49.96                 | 1153         | 455,897.172300 | 2,200,259.080900 |
| 1153 - 1154 | 35°04'49"SE | 49.87                 | 1154         | 455,925.836400 | 2,200,218.266200 |
| 1154 - 1155 | 33°25'48"SE | 49.96                 | 1155         | 455,953.360100 | 2,200,176.572000 |
| 1155 - 1156 | 38°14'01"SE | 49.95                 | 1156         | 455,984.271700 | 2,200,137.337800 |
| 1156 - 1157 | 30°27'28"SE | 182.70                | 1157         | 456,076.884100 | 2,199,979.849200 |
| 1157 - 1158 | 28°44'58"SE | 16.59                 | 1158         | 456,084.861500 | 2,199,965.308100 |
| 1158 - 1159 | 32°12'31"SE | 49.94                 | 1159         | 456,111.477900 | 2,199,923.056100 |
| 1159 - 1160 | 35°21'53"SE | 49.93                 | 1160         | 456,140.373600 | 2,199,882.343000 |
| 1160 - 1161 | 34°36'08"SE | 50.00                 | 1161         | 456,168.765300 | 2,199,841.190700 |
| 1161 - 1162 | 41°45'45"SE | 49.89                 | 1162         | 456,201.995200 | 2,199,803.976200 |
| 1162 - 1163 | 33°10'01"SE | 49.28                 | 1163         | 456,228.953400 | 2,199,762.728000 |
| 1163 - 1164 | 08°20'47"SE | 45.67                 | 1164         | 456,235.582700 | 2,199,717.543000 |
| 1164 - 1165 | 08°20'57"SE | 2.31                  | 1165         | 456,235.917500 | 2,199,715.261800 |
| 1165 - 1166 | 57°12'16"SE | 4.92                  | 1166         | 456,240.055200 | 2,199,712.595700 |
| 1166 - 1167 | 57°12'18"SE | 43.56                 | 1167         | 456,276.671400 | 2,199,689.002900 |
| 1167 - 1168 | 41°03'01"SE | 49.76                 | 1168         | 456,309.349100 | 2,199,651.478200 |
| 1168 - 1169 | 32°19'08"SE | 49.96                 | 1169         | 456,336.059100 | 2,199,609.258000 |
| 1169 - 1170 | 35°27'47"SE | 50.00                 | 1170         | 456,365.067800 | 2,199,568.533900 |
| 1170 - 1171 | 35°38'01"SE | 50.00                 | 1171         | 456,394.197800 | 2,199,527.896000 |
| 1171 - 1172 | 37°47'12"SE | 49.98                 | 1172         | 456,424.822500 | 2,199,488.396000 |
| 1172 - 1173 | 33°31'36"SE | 49.71                 | 1173         | 456,452.280900 | 2,199,446.953200 |
| 1173 - 1174 | 22°34'01"SE | 49.90                 | 1174         | 456,471.429300 | 2,199,400.877800 |
| 1174 - 1175 | 38°25'52"SE | 46.76                 | 1175         | 456,500.493400 | 2,199,364.249000 |
| 1175 - 1176 | 46°02'30"SE | 47.56                 | 1176         | 456,534.732400 | 2,199,331.233000 |
| 1176 - 1177 | 24°38'33"SE | 49.99                 | 1177         | 456,555.577700 | 2,199,285.792100 |
| 1177 - 1178 | 27°05'06"SE | 48.40                 | 1178         | 456,577.616000 | 2,199,242.697900 |
| 1178 - 1179 | 39°01'45"SE | 49.83                 | 1179         | 456,608.994800 | 2,199,203.988700 |
| 1179 - 1180 | 36°40'16"SE | 48.94                 | 1180         | 456,638.224400 | 2,199,164.733000 |
| 1180 - 1181 | 25°58'09"SE | 47.86                 | 1181         | 456,659.183000 | 2,199,121.703000 |
| 1181 - 1182 | 25°08'38"SE | 22.06                 | 1182         | 456,668.557400 | 2,199,101.730700 |
| 1182 - 1183 | 25°08'37"SE | 26.60                 | 1183         | 456,679.858000 | 2,199,077.654300 |
| 1183 - 1184 | 25°33'51"SE | 49.54                 | 1184         | 456,701.236700 | 2,199,032.962100 |
| 1184 - 1185 | 56°07'34"SE | 31.25                 | 1185         | 456,727.185600 | 2,199,015.542500 |
| 1185 - 1186 | 56°07'35"SE | 14.63                 | 1186         | 456,739.331300 | 2,199,007.389100 |
| 1186 - 1187 | 83°12'51"SE | 49.60                 | 1187         | 456,788.587200 | 2,199,001.528100 |
| 1187 - 1188 | 01°40'33"SE | 34.29                 | 1188         | 456,789.589900 | 2,198,967.257100 |
| 1188 - 1189 | 20°09'16"SE | 52.84                 | 1189         | 456,807.794500 | 2,198,917.657100 |
| 1189 - 1190 | 20°09'14"SE | 6.33                  | 1190         | 456,809.974100 | 2,198,911.718400 |
| 1190 - 1191 | 20°09'16"SE | 122.31                | 1191         | 456,852.115900 | 2,198,796.900100 |
| 1191 - 1192 | 38°44'09"SE | 49.31                 | 1192         | 456,882.969300 | 2,198,758.438100 |
| 1192 - 1193 | 41°18'47"SE | 50.00                 | 1193         | 456,915.977900 | 2,198,720.882800 |
| 1193 - 1194 | 47°20'09"SE | 49.84                 | 1194         | 456,952.624000 | 2,198,687.109200 |
| 1194 - 1195 | 54°42'32"SE | 49.97                 | 1195         | 456,993.412300 | 2,198,658.239000 |
| 1195 - 1196 | 50°23'00"SE | 49.69                 | 1196         | 457,031.688000 | 2,198,626.556000 |
| 1196 - 1197 | 33°42'15"SE | 49.98                 | 1197         | 457,059.424400 | 2,198,584.973900 |
| 1197 - 1198 | 34°52'41"SE | 49.90                 | 1198         | 457,087.960100 | 2,198,544.035800 |
| 1198 - 1199 | 29°22'56"SE | 49.72                 | 1199         | 457,112.354600 | 2,198,500.711200 |
| 1199 - 1200 | 23°17'51"SE | 49.98                 | 1200         | 457,132.124000 | 2,198,454.802200 |
| 1200 - 1201 | 26°47'58"SE | 49.68                 | 1201         | 457,154.522300 | 2,198,410.460200 |
| 1201 - 1202 | 47°02'30"SE | 49.36                 | 1202         | 457,190.647500 | 2,198,376.822000 |
| 1202 - 1203 | 61°17'11"SE | 49.45                 | 1203         | 457,234.015000 | 2,198,353.065700 |
| 1203 - 1204 | 47°14'08"SE | 49.93                 | 1204         | 457,270.669400 | 2,198,319.165700 |
| 1204 - 1205 | 47°17'51"SE | 49.97                 | 1205         | 457,307.390800 | 2,198,285.277300 |
| 1205 - 1206 | 45°54'04"SE | 12.88                 | 1206         | 457,316.641100 | 2,198,276.313500 |
| 1206 - 1207 | 45°54'05"SE | 37.11                 | 1207         | 457,343.293400 | 2,198,250.487100 |
| 1207 - 1208 | 45°41'57"SE | 49.99                 | 1208         | 457,379.073200 | 2,198,215.570100 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1208 - 1209 | 36°52'38"SE | 49.89                 | 1209         | 457,409.013000 | 2,198,175.661100 |
| 1209 - 1210 | 42°43'40"SE | 49.88                 | 1210         | 457,442.854700 | 2,198,139.022900 |
| 1210 - 1211 | 28°20'17"SE | 49.74                 | 1211         | 457,466.464400 | 2,198,095.245000 |
| 1211 - 1212 | 41°37'18"SE | 49.98                 | 1212         | 457,499.663200 | 2,198,057.880800 |
| 1212 - 1213 | 41°26'54"SE | 49.99                 | 1213         | 457,532.754600 | 2,198,020.410100 |
| 1213 - 1214 | 40°19'53"SE | 49.83                 | 1214         | 457,565.004800 | 2,197,982.424200 |
| 1214 - 1215 | 28°40'02"SE | 49.60                 | 1215         | 457,588.799800 | 2,197,938.903100 |
| 1215 - 1216 | 42°50'48"SE | 49.55                 | 1216         | 457,622.494100 | 2,197,902.576100 |
| 1216 - 1217 | 43°38'45"SE | 49.57                 | 1217         | 457,656.705500 | 2,197,866.708100 |
| 1217 - 1218 | 38°24'31"SE | 49.54                 | 1218         | 457,687.480200 | 2,197,827.892200 |
| 1218 - 1219 | 41°35'58"SE | 49.93                 | 1219         | 457,720.631800 | 2,197,790.552200 |
| 1219 - 1220 | 38°46'58"SE | 49.87                 | 1220         | 457,751.870200 | 2,197,751.675800 |
| 1220 - 1221 | 34°28'46"SE | 50.00                 | 1221         | 457,780.176100 | 2,197,710.459200 |
| 1221 - 1222 | 34°17'13"SE | 50.00                 | 1222         | 457,808.343000 | 2,197,669.148000 |
| 1222 - 1223 | 82°56'57"SE | 48.40                 | 1223         | 457,856.379400 | 2,197,663.206800 |
| 1223 - 1224 | 55°18'17"SE | 46.76                 | 1224         | 457,894.828400 | 2,197,636.588200 |
| 1224 - 1225 | 37°15'18"SE | 49.99                 | 1225         | 457,925.090700 | 2,197,596.798700 |
| 1225 - 1226 | 39°32'08"SE | 49.97                 | 1226         | 457,956.897100 | 2,197,558.263200 |
| 1226 - 1227 | 40°45'50"SE | 49.99                 | 1227         | 457,989.535000 | 2,197,520.403800 |
| 1227 - 1228 | 39°00'20"SE | 48.34                 | 1228         | 458,019.961200 | 2,197,482.838200 |
| 1228 - 1229 | 11°42'55"SW | 48.89                 | 1229         | 458,010.033200 | 2,197,434.962000 |
| 1229 - 1230 | 06°25'11"SE | 45.40                 | 1230         | 458,015.109800 | 2,197,389.844000 |
| 1230 - 1231 | 50°08'08"SE | 49.98                 | 1231         | 458,053.472900 | 2,197,357.807900 |
| 1231 - 1232 | 33°23'08"SE | 49.75                 | 1232         | 458,080.849700 | 2,197,316.266200 |
| 1232 - 1233 | 34°49'24"SE | 49.70                 | 1233         | 458,109.231200 | 2,197,275.466200 |
| 1233 - 1234 | 35°21'51"SE | 49.52                 | 1234         | 458,137.894800 | 2,197,235.079200 |
| 1234 - 1235 | 38°07'44"SE | 49.86                 | 1235         | 458,168.681900 | 2,197,195.855900 |
| 1235 - 1236 | 35°28'59"SE | 49.99                 | 1236         | 458,197.701900 | 2,197,155.145900 |
| 1236 - 1237 | 38°40'48"SE | 49.98                 | 1237         | 458,228.935000 | 2,197,116.132900 |
| 1237 - 1238 | 32°05'34"SE | 49.81                 | 1238         | 458,255.401300 | 2,197,073.930200 |
| 1238 - 1239 | 55°22'27"SE | 49.72                 | 1239         | 458,296.314400 | 2,197,045.679100 |
| 1239 - 1240 | 42°42'30"SE | 49.53                 | 1240         | 458,329.907100 | 2,197,009.285700 |
| 1240 - 1241 | 29°18'45"SE | 49.84                 | 1241         | 458,354.307500 | 2,196,965.827100 |
| 1241 - 1242 | 37°20'49"SE | 49.97                 | 1242         | 458,384.619200 | 2,196,926.105200 |
| 1242 - 1243 | 39°19'55"SE | 50.00                 | 1243         | 458,416.309000 | 2,196,887.432100 |
| 1243 - 1244 | 32°04'09"SE | 19.33                 | 1244         | 458,426.572600 | 2,196,871.051100 |
| 1244 - 1245 | 32°04'09"SE | 30.44                 | 1245         | 458,442.732600 | 2,196,845.259100 |
| 1245 - 1246 | 37°37'43"SE | 49.76                 | 1246         | 458,473.111600 | 2,196,805.851900 |
| 1246 - 1247 | 38°37'21"SE | 49.82                 | 1247         | 458,504.207800 | 2,196,766.930000 |
| 1247 - 1248 | 06°03'00"SE | 49.99                 | 1248         | 458,509.476900 | 2,196,717.216200 |
| 1248 - 1249 | 23°13'51"SE | 47.90                 | 1249         | 458,528.370400 | 2,196,673.200100 |
| 1249 - 1250 | 42°23'40"SE | 49.98                 | 1250         | 458,562.065800 | 2,196,636.291900 |
| 1250 - 1251 | 49°55'09"SE | 49.88                 | 1251         | 458,600.230800 | 2,196,604.176000 |
| 1251 - 1252 | 78°37'27"SE | 49.33                 | 1252         | 458,648.587400 | 2,196,594.446900 |
| 1252 - 1253 | 52°00'54"SE | 49.40                 | 1253         | 458,687.525000 | 2,196,564.042200 |
| 1253 - 1254 | 29°13'23"SE | 49.44                 | 1254         | 458,711.659900 | 2,196,520.899000 |
| 1254 - 1255 | 46°23'49"SE | 50.00                 | 1255         | 458,747.866800 | 2,196,486.416200 |
| 1255 - 1256 | 21°06'33"SE | 49.77                 | 1256         | 458,765.791500 | 2,196,439.986000 |
| 1256 - 1257 | 30°47'36"SE | 49.89                 | 1257         | 458,791.332800 | 2,196,397.128900 |
| 1257 - 1258 | 37°50'22"SE | 45.65                 | 1258         | 458,819.334600 | 2,196,361.080800 |
| 1258 - 1259 | 48°41'01"SE | 47.57                 | 1259         | 458,855.061700 | 2,196,329.675900 |
| 1259 - 1260 | 07°38'17"SE | 47.62                 | 1260         | 458,861.391800 | 2,196,282.474000 |
| 1260 - 1261 | 03°27'35"SW | 48.24                 | 1261         | 458,858.480200 | 2,196,234.317100 |
| 1261 - 1262 | 40°56'02"SE | 10.41                 | 1262         | 458,865.301200 | 2,196,226.452200 |
| 1262 - 1263 | 40°56'03"SE | 38.38                 | 1263         | 458,890.446400 | 2,196,197.458800 |
| 1263 - 1264 | 24°47'37"SE | 44.26                 | 1264         | 458,909.005100 | 2,196,157.282600 |
| 1264 - 1265 | 24°47'37"SE | 5.54                  | 1265         | 458,911.328800 | 2,196,152.252200 |
| 1265 - 1266 | 31°32'34"SE | 0.46                  | 1266         | 458,911.569300 | 2,196,151.860400 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1266 - 1267 | 31°32'25"SE | 49.50                 | 1267         | 458,937.464600 | 2,196,109.669800 |
| 1267 - 1268 | 46°27'19"SE | 15.36                 | 1268         | 458,948.595000 | 2,196,099.091000 |
| 1268 - 1269 | 46°27'17"SE | 33.04                 | 1269         | 458,972.544200 | 2,196,076.328200 |
| 1269 - 1270 | 20°36'03"SE | 37.40                 | 1270         | 458,985.702200 | 2,196,041.323700 |
| 1270 - 1271 | 20°36'03"SE | 12.27                 | 1271         | 458,990.020000 | 2,196,029.836900 |
| 1271 - 1272 | 41°44'46"SE | 47.96                 | 1272         | 459,021.954900 | 2,195,994.052200 |
| 1272 - 1273 | 39°53'23"SE | 39.71                 | 1273         | 459,047.421700 | 2,195,963.583200 |
| 1273 - 1274 | 39°53'26"SE | 9.02                  | 1274         | 459,053.209500 | 2,195,956.658800 |
| 1274 - 1275 | 47°38'13"SE | 49.85                 | 1275         | 459,090.044800 | 2,195,923.067200 |
| 1275 - 1276 | 42°44'28"SE | 44.75                 | 1276         | 459,120.416400 | 2,195,890.201200 |
| 1276 - 1277 | 42°44'27"SE | 4.77                  | 1277         | 459,123.651200 | 2,195,886.700700 |
| 1277 - 1278 | 31°47'23"SE | 11.29                 | 1278         | 459,129.596800 | 2,195,877.107600 |
| 1278 - 1279 | 31°47'24"SE | 34.56                 | 1279         | 459,147.805800 | 2,195,847.728200 |
| 1279 - 1280 | 36°39'28"SE | 25.11                 | 1280         | 459,162.800100 | 2,195,827.581000 |
| 1280 - 1281 | 36°39'30"SE | 24.19                 | 1281         | 459,177.243000 | 2,195,808.175000 |
| 1281 - 1282 | 35°11'31"SE | 3.84                  | 1282         | 459,179.457100 | 2,195,805.035400 |
| 1282 - 1283 | 35°11'28"SE | 26.67                 | 1283         | 459,194.827200 | 2,195,783.239900 |
| 1283 - 1284 | 35°11'27"SE | 19.22                 | 1284         | 459,205.906300 | 2,195,767.529000 |
| 1284 - 1285 | 25°56'11"SE | 49.99                 | 1285         | 459,227.769300 | 2,195,722.576900 |
| 1285 - 1286 | 44°06'11"SE | 48.75                 | 1286         | 459,261.694400 | 2,195,687.572800 |
| 1286 - 1287 | 56°44'48"SE | 46.39                 | 1287         | 459,300.492000 | 2,195,662.133000 |
| 1287 - 1288 | 67°18'30"SE | 1.09                  | 1288         | 459,301.496700 | 2,195,661.712900 |
| 1288 - 1289 | 67°18'35"SE | 48.29                 | 1289         | 459,346.045200 | 2,195,643.086900 |
| 1289 - 1290 | 55°32'53"SE | 50.00                 | 1290         | 459,387.274200 | 2,195,614.802000 |
| 1290 - 1291 | 52°46'45"SE | 65.09                 | 1291         | 459,439.104800 | 2,195,575.431100 |
| 1291 - 1292 | 39°57'24"SE | 34.12                 | 1292         | 459,461.018700 | 2,195,549.275100 |
| 1292 - 1293 | 35°37'00"SE | 49.91                 | 1293         | 459,490.085600 | 2,195,508.700000 |
| 1293 - 1294 | 45°17'51"SE | 49.55                 | 1294         | 459,525.304500 | 2,195,473.845000 |
| 1294 - 1295 | 44°00'39"SE | 47.96                 | 1295         | 459,558.628700 | 2,195,439.350000 |
| 1295 - 1296 | 37°44'13"SE | 49.98                 | 1296         | 459,589.217100 | 2,195,399.826200 |
| 1296 - 1297 | 35°59'29"SE | 49.91                 | 1297         | 459,618.545100 | 2,195,359.447200 |
| 1297 - 1298 | 25°54'48"SE | 49.98                 | 1298         | 459,640.388300 | 2,195,314.490000 |
| 1298 - 1299 | 38°56'48"SE | 49.52                 | 1299         | 459,671.514100 | 2,195,275.979800 |
| 1299 - 1300 | 39°37'59"SE | 49.95                 | 1300         | 459,703.373200 | 2,195,237.514100 |
| 1300 - 1301 | 39°17'30"SE | 49.93                 | 1301         | 459,734.992000 | 2,195,198.872100 |
| 1301 - 1302 | 38°29'06"SE | 49.99                 | 1302         | 459,766.103400 | 2,195,159.739000 |
| 1302 - 1303 | 29°07'09"SE | 48.83                 | 1303         | 459,789.863600 | 2,195,117.084200 |
| 1303 - 1304 | 43°06'45"SE | 49.06                 | 1304         | 459,823.389900 | 2,195,081.273000 |
| 1304 - 1305 | 47°26'07"SE | 48.97                 | 1305         | 459,859.454500 | 2,195,048.151000 |
| 1305 - 1306 | 64°26'19"SE | 49.78                 | 1306         | 459,904.366800 | 2,195,026.670100 |
| 1306 - 1307 | 21°32'29"SE | 47.64                 | 1307         | 459,921.858900 | 2,194,982.358200 |
| 1307 - 1308 | 66°42'02"SE | 46.39                 | 1308         | 459,964.466900 | 2,194,964.008900 |
| 1308 - 1309 | 57°16'50"SE | 47.00                 | 1309         | 460,004.012600 | 2,194,938.602200 |
| 1309 - 1310 | 32°43'31"SE | 49.95                 | 1310         | 460,031.014400 | 2,194,896.583800 |
| 1310 - 1311 | 35°28'17"SE | 49.99                 | 1311         | 460,060.026200 | 2,194,855.868100 |
| 1311 - 1312 | 38°25'36"SE | 49.99                 | 1312         | 460,091.093200 | 2,194,816.709000 |
| 1312 - 1313 | 28°55'06"SE | 49.87                 | 1313         | 460,115.207600 | 2,194,773.059200 |
| 1313 - 1314 | 39°27'18"SE | 49.94                 | 1314         | 460,146.940000 | 2,194,734.503100 |
| 1314 - 1315 | 42°05'32"SE | 50.00                 | 1315         | 460,180.453500 | 2,194,697.402900 |
| 1315 - 1316 | 41°22'05"SE | 49.98                 | 1316         | 460,213.486000 | 2,194,659.893100 |
| 1316 - 1317 | 15°17'14"SE | 49.49                 | 1317         | 460,226.534400 | 2,194,612.155200 |
| 1317 - 1318 | 39°04'35"SE | 49.69                 | 1318         | 460,257.855800 | 2,194,573.581800 |
| 1318 - 1319 | 31°26'02"SE | 12.64                 | 1319         | 460,264.448300 | 2,194,562.796000 |
| 1319 - 1320 | 31°26'00"SE | 36.90                 | 1320         | 460,283.690200 | 2,194,531.314100 |
| 1320 - 1321 | 36°49'39"SE | 23.30                 | 1321         | 460,297.659100 | 2,194,512.660300 |
| 1321 - 1322 | 36°49'22"SE | 0.34                  | 1322         | 460,297.863500 | 2,194,512.387300 |
| 1322 - 1323 | 36°49'38"SE | 26.35                 | 1323         | 460,313.656800 | 2,194,491.297000 |
| 1323 - 1324 | 76°53'40"SE | 8.67                  | 1324         | 460,322.099500 | 2,194,489.331500 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1324 - 1325 | 76°53'35"SE | 39.05                 | 1325         | 460,360.133100 | 2,194,480.476000 |
| 1325 - 1326 | 42°15'51"SE | 29.42                 | 1326         | 460,379.919500 | 2,194,458.703800 |
| 1326 - 1327 | 42°15'50"SE | 41.36                 | 1327         | 460,407.733000 | 2,194,428.098700 |
| 1327 - 1328 | 42°15'51"SE | 49.58                 | 1328         | 460,441.078700 | 2,194,391.406300 |
| 1328 - 1329 | 33°20'39"SE | 48.89                 | 1329         | 460,467.952400 | 2,194,350.563900 |
| 1329 - 1330 | 11°11'31"SE | 49.63                 | 1330         | 460,477.584900 | 2,194,301.881100 |
| 1330 - 1331 | 09°02'05"SE | 44.88                 | 1331         | 460,484.633000 | 2,194,257.555600 |
| 1331 - 1332 | 09°02'07"SE | 5.03                  | 1332         | 460,485.423600 | 2,194,252.583900 |
| 1332 - 1333 | 31°06'43"SE | 49.40                 | 1333         | 460,510.949500 | 2,194,210.289200 |
| 1333 - 1334 | 35°14'38"SE | 50.00                 | 1334         | 460,539.802500 | 2,194,169.454300 |
| 1334 - 1335 | 31°35'42"SE | 49.94                 | 1335         | 460,565.964500 | 2,194,126.920300 |
| 1335 - 1336 | 38°14'02"SE | 49.14                 | 1336         | 460,596.374200 | 2,194,088.323800 |
| 1336 - 1337 | 36°16'19"SE | 49.88                 | 1337         | 460,625.883200 | 2,194,048.111100 |
| 1337 - 1338 | 43°41'36"SE | 49.79                 | 1338         | 460,660.276600 | 2,194,012.112300 |
| 1338 - 1339 | 39°58'10"SE | 49.70                 | 1339         | 460,692.202300 | 2,193,974.023700 |
| 1339 - 1340 | 40°57'07"SE | 49.88                 | 1340         | 460,724.897800 | 2,193,936.348200 |
| 1340 - 1341 | 41°10'28"SE | 49.99                 | 1341         | 460,757.808500 | 2,193,898.720900 |
| 1341 - 1342 | 39°05'15"SE | 49.96                 | 1342         | 460,789.310900 | 2,193,859.940200 |
| 1342 - 1343 | 45°40'20"SE | 42.49                 | 1343         | 460,819.708800 | 2,193,830.247500 |
| 1343 - 1344 | 45°40'18"SE | 6.98                  | 1344         | 460,824.705200 | 2,193,825.366900 |
| 1344 - 1345 | 46°34'33"SE | 49.81                 | 1345         | 460,860.879700 | 2,193,791.129700 |
| 1345 - 1346 | 39°07'35"SE | 49.88                 | 1346         | 460,892.353200 | 2,193,752.438000 |
| 1346 - 1347 | 43°31'51"SE | 49.84                 | 1347         | 460,926.677300 | 2,193,716.307100 |
| 1347 - 1348 | 37°44'39"SE | 49.98                 | 1348         | 460,957.272300 | 2,193,676.785100 |
| 1348 - 1349 | 43°53'34"SE | 49.74                 | 1349         | 460,991.756100 | 2,193,640.942100 |
| 1349 - 1350 | 47°18'03"SE | 48.77                 | 1350         | 461,027.599100 | 2,193,607.868100 |
| 1350 - 1351 | 49°48'23"SE | 49.82                 | 1351         | 461,065.656200 | 2,193,575.714800 |
| 1351 - 1352 | 31°39'42"SE | 14.05                 | 1352         | 461,073.032800 | 2,193,563.753300 |
| 1352 - 1353 | 31°39'44"SE | 35.05                 | 1353         | 461,091.431900 | 2,193,533.918900 |
| 1353 - 1354 | 40°15'52"SE | 50.00                 | 1354         | 461,123.744900 | 2,193,495.769100 |
| 1354 - 1355 | 44°28'41"SE | 49.98                 | 1355         | 461,158.764400 | 2,193,460.105800 |
| 1355 - 1356 | 42°21'18"SE | 49.93                 | 1356         | 461,192.406500 | 2,193,423.205000 |
| 1356 - 1357 | 47°50'35"SE | 49.94                 | 1357         | 461,229.425900 | 2,193,389.688700 |
| 1357 - 1358 | 41°34'21"SE | 49.96                 | 1358         | 461,262.575800 | 2,193,352.315100 |
| 1358 - 1359 | 48°03'19"SE | 49.96                 | 1359         | 461,299.738300 | 2,193,318.918900 |
| 1359 - 1360 | 40°09'40"SE | 49.84                 | 1360         | 461,331.880800 | 2,193,280.831100 |
| 1360 - 1361 | 63°08'41"SE | 48.87                 | 1361         | 461,375.479600 | 2,193,258.755100 |
| 1361 - 1362 | 63°08'44"SE | 0.84                  | 1362         | 461,376.230100 | 2,193,258.375100 |
| 1362 - 1363 | 37°42'05"SE | 0.31                  | 1363         | 461,376.418000 | 2,193,258.132000 |
| 1363 - 1364 | 37°42'12"SE | 26.42                 | 1364         | 461,392.576000 | 2,193,237.228700 |
| 1364 - 1365 | 37°42'13"SE | 21.27                 | 1365         | 461,405.586800 | 2,193,220.397000 |
| 1365 - 1366 | 29°24'48"SE | 15.97                 | 1366         | 461,413.430500 | 2,193,206.484300 |
| 1366 - 1367 | 29°24'50"SE | 29.58                 | 1367         | 461,427.956300 | 2,193,180.719900 |
| 1367 - 1368 | 65°57'54"SE | 43.33                 | 1368         | 461,467.528000 | 2,193,163.072500 |
| 1368 - 1369 | 65°57'49"SE | 4.90                  | 1369         | 461,472.000100 | 2,193,161.078000 |
| 1369 - 1370 | 44°02'52"SE | 22.41                 | 1370         | 461,487.578200 | 2,193,144.973400 |
| 1370 - 1371 | 44°02'51"SE | 27.58                 | 1371         | 461,506.755900 | 2,193,125.147300 |
| 1371 - 1372 | 41°07'14"SE | 49.99                 | 1372         | 461,539.634700 | 2,193,087.485100 |
| 1372 - 1373 | 40°13'24"SE | 207.31                | 1373         | 461,673.506600 | 2,192,929.200000 |
| 1373 - 1374 | 40°13'24"SE | 41.23                 | 1374         | 461,700.129500 | 2,192,897.722100 |
| 1374 - 1375 | 42°42'01"SE | 18.27                 | 1375         | 461,712.517800 | 2,192,884.297200 |
| 1375 - 1376 | 42°41'07"SE | 0.21                  | 1376         | 461,712.660250 | 2,192,884.142750 |
| 1376 - 1377 | 42°42'00"SE | 31.42                 | 1377         | 461,733.967800 | 2,192,861.052100 |
| 1377 - 1378 | 49°37'54"SE | 34.23                 | 1378         | 461,760.050800 | 2,192,838.878700 |
| 1378 - 1379 | 49°37'54"SE | 14.81                 | 1379         | 461,771.334000 | 2,192,829.286700 |
| 1379 - 1380 | 50°27'03"SE | 48.91                 | 1380         | 461,809.050800 | 2,192,798.141200 |
| 1380 - 1381 | 45°58'16"SE | 49.47                 | 1381         | 461,844.621000 | 2,192,763.757000 |
| 1381 - 1382 | 26°12'35"SE | 49.61                 | 1382         | 461,866.531700 | 2,192,719.247700 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1382 - 1383 | 38°01'10"SE | 49.00                 | 1383         | 461,896.712200 | 2,192,680.645700 |
| 1383 - 1384 | 48°31'15"SE | 13.11                 | 1384         | 461,906.533700 | 2,192,671.962800 |
| 1384 - 1385 | 48°31'15"SE | 35.75                 | 1385         | 461,933.316400 | 2,192,648.284900 |
| 1385 - 1386 | 45°12'42"SE | 49.22                 | 1386         | 461,968.245600 | 2,192,613.612900 |
| 1386 - 1387 | 24°28'36"SE | 14.13                 | 1387         | 461,974.101400 | 2,192,600.749700 |
| 1387 - 1388 | 24°28'37"SE | 35.58                 | 1388         | 461,988.842000 | 2,192,568.370200 |
| 1388 - 1389 | 55°53'38"SE | 36.76                 | 1389         | 462,019.281400 | 2,192,547.756500 |
| 1389 - 1390 | 55°53'36"SE | 11.35                 | 1390         | 462,028.677900 | 2,192,541.393000 |
| 1390 - 1391 | 51°26'10"SE | 47.32                 | 1391         | 462,065.677500 | 2,192,511.895000 |
| 1391 - 1392 | 53°39'46"SE | 45.04                 | 1392         | 462,101.959700 | 2,192,485.207000 |
| 1392 - 1393 | 18°37'33"SE | 47.20                 | 1393         | 462,117.036000 | 2,192,440.475900 |
| 1393 - 1394 | 34°18'16"SE | 48.32                 | 1394         | 462,144.271000 | 2,192,400.557800 |
| 1394 - 1395 | 53°49'04"SE | 49.86                 | 1395         | 462,184.514600 | 2,192,371.123300 |
| 1395 - 1396 | 26°55'08"SE | 48.92                 | 1396         | 462,206.659900 | 2,192,327.508200 |
| 1396 - 1397 | 49°44'58"SE | 46.13                 | 1397         | 462,241.868000 | 2,192,297.701900 |
| 1397 - 1398 | 33°30'20"SE | 48.86                 | 1398         | 462,268.838100 | 2,192,256.963300 |
| 1398 - 1399 | 42°10'23"SE | 48.15                 | 1399         | 462,301.164900 | 2,192,221.278200 |
| 1399 - 1400 | 42°23'49"SE | 48.47                 | 1400         | 462,333.846100 | 2,192,185.483900 |
| 1400 - 1401 | 41°16'20"SE | 49.81                 | 1401         | 462,366.699600 | 2,192,148.051100 |
| 1401 - 1402 | 34°52'30"SE | 49.46                 | 1402         | 462,394.982700 | 2,192,107.470800 |
| 1402 - 1403 | 28°52'48"SE | 50.00                 | 1403         | 462,419.131600 | 2,192,063.689100 |
| 1403 - 1404 | 32°07'07"SE | 49.87                 | 1404         | 462,445.646600 | 2,192,021.451200 |
| 1404 - 1405 | 43°02'40"SE | 49.98                 | 1405         | 462,479.758100 | 2,191,984.928000 |
| 1405 - 1406 | 47°56'09"SE | 49.11                 | 1406         | 462,516.216200 | 2,191,952.027000 |
| 1406 - 1407 | 40°19'21"SE | 49.27                 | 1407         | 462,548.100000 | 2,191,914.461100 |
| 1407 - 1408 | 30°37'34"SE | 49.22                 | 1408         | 462,573.173600 | 2,191,872.108200 |
| 1408 - 1409 | 43°40'50"SE | 49.99                 | 1409         | 462,607.698300 | 2,191,835.955800 |
| 1409 - 1410 | 40°29'41"SE | 49.83                 | 1410         | 462,640.056900 | 2,191,798.061900 |
| 1410 - 1411 | 35°20'58"SE | 75.62                 | 1411         | 462,683.806600 | 2,191,736.385100 |
| 1411 - 1412 | 34°18'06"SE | 24.36                 | 1412         | 462,697.536600 | 2,191,716.259000 |
| 1412 - 1413 | 39°37'20"SE | 49.91                 | 1413         | 462,729.366400 | 2,191,677.813900 |
| 1413 - 1414 | 36°07'22"SE | 49.90                 | 1414         | 462,758.784100 | 2,191,637.506000 |
| 1414 - 1415 | 39°00'05"SE | 49.97                 | 1415         | 462,790.230700 | 2,191,598.674900 |
| 1415 - 1416 | 61°27'39"SE | 39.60                 | 1416         | 462,825.021600 | 2,191,579.754200 |
| 1416 - 1417 | 43°32'34"SE | 49.98                 | 1417         | 462,859.452700 | 2,191,543.525800 |
| 1417 - 1418 | 42°03'22"SE | 50.00                 | 1418         | 462,892.944000 | 2,191,506.403200 |
| 1418 - 1419 | 40°48'37"SE | 49.99                 | 1419         | 462,925.617100 | 2,191,468.565100 |
| 1419 - 1420 | 41°47'05"SE | 50.00                 | 1420         | 462,958.933700 | 2,191,431.282800 |
| 1420 - 1421 | 35°23'22"SE | 49.96                 | 1421         | 462,987.865600 | 2,191,390.556000 |
| 1421 - 1422 | 26°06'35"SE | 49.85                 | 1422         | 463,009.802500 | 2,191,345.796900 |
| 1422 - 1423 | 17°43'12"SE | 49.50                 | 1423         | 463,024.868600 | 2,191,298.646000 |
| 1423 - 1424 | 17°36'19"SE | 46.22                 | 1424         | 463,038.848400 | 2,191,254.590200 |
| 1424 - 1425 | 49°33'52"SE | 50.00                 | 1425         | 463,076.904500 | 2,191,222.161200 |
| 1425 - 1426 | 48°08'42"SE | 50.00                 | 1426         | 463,114.146200 | 2,191,188.798900 |
| 1426 - 1427 | 39°01'52"SE | 49.86                 | 1427         | 463,145.544700 | 2,191,150.068100 |
| 1427 - 1428 | 36°34'51"SE | 49.99                 | 1428         | 463,175.339000 | 2,191,109.922200 |
| 1428 - 1429 | 51°10'46"SE | 48.55                 | 1429         | 463,213.161200 | 2,191,079.490100 |
| 1429 - 1430 | 46°38'00"SE | 49.49                 | 1430         | 463,249.140500 | 2,191,045.506100 |
| 1430 - 1431 | 32°40'22"SE | 49.57                 | 1431         | 463,275.899700 | 2,191,003.780900 |
| 1431 - 1432 | 39°39'40"SE | 49.61                 | 1432         | 463,307.560300 | 2,190,965.592900 |
| 1432 - 1433 | 18°47'54"SE | 49.51                 | 1433         | 463,323.514400 | 2,190,918.723900 |
| 1433 - 1434 | 30°30'51"SE | 49.24                 | 1434         | 463,348.516500 | 2,190,876.302800 |
| 1434 - 1435 | 51°02'18"SE | 49.95                 | 1435         | 463,387.358600 | 2,190,844.892200 |
| 1435 - 1436 | 64°32'12"SE | 46.11                 | 1436         | 463,428.987400 | 2,190,825.069100 |
| 1436 - 1437 | 30°08'01"SE | 48.96                 | 1437         | 463,453.566200 | 2,190,782.726000 |
| 1437 - 1438 | 29°19'09"SE | 49.86                 | 1438         | 463,477.980400 | 2,190,739.254900 |
| 1438 - 1439 | 14°18'48"SE | 49.76                 | 1439         | 463,490.283100 | 2,190,691.036800 |
| 1439 - 1440 | 38°08'39"SE | 47.75                 | 1440         | 463,519.777500 | 2,190,653.481200 |



| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1440 - 1441 | 43°48'32"SE | 49.51                 | 1441         | 463,554.049600 | 2,190,617.754000 |
| 1441 - 1442 | 61°27'23"SE | 49.55                 | 1442         | 463,597.578700 | 2,190,594.076800 |
| 1442 - 1443 | 40°02'57"SE | 48.70                 | 1443         | 463,628.916700 | 2,190,556.795000 |
| 1443 - 1444 | 13°57'36"SE | 49.98                 | 1444         | 463,640.974300 | 2,190,508.290800 |
| 1444 - 1445 | 30°19'01"SE | 49.33                 | 1445         | 463,665.876900 | 2,190,465.704300 |
| 1445 - 1446 | 33°00'04"SE | 48.66                 | 1446         | 463,692.380000 | 2,190,424.895100 |
| 1446 - 1447 | 36°40'27"SE | 50.00                 | 1447         | 463,722.243300 | 2,190,384.793000 |
| 1447 - 1448 | 21°57'43"SE | 49.74                 | 1448         | 463,740.845600 | 2,190,338.662900 |
| 1448 - 1449 | 25°26'59"SE | 49.01                 | 1449         | 463,761.906000 | 2,190,294.409200 |
| 1449 - 1450 | 63°05'24"SE | 47.55                 | 1450         | 463,804.306600 | 2,190,272.889100 |
| 1450 - 1451 | 56°56'07"SE | 49.94                 | 1451         | 463,846.157000 | 2,190,245.644000 |
| 1451 - 1452 | 39°48'56"SE | 49.49                 | 1452         | 463,877.844200 | 2,190,207.632900 |
| 1452 - 1453 | 29°59'20"SE | 49.74                 | 1453         | 463,902.704600 | 2,190,164.554200 |
| 1453 - 1454 | 29°29'13"SE | 49.17                 | 1454         | 463,926.905400 | 2,190,121.757100 |
| 1454 - 1455 | 42°06'27"SE | 49.99                 | 1455         | 463,960.422400 | 2,190,084.672900 |
| 1455 - 1456 | 28°09'18"SE | 49.47                 | 1456         | 463,983.763900 | 2,190,041.059200 |
| 1456 - 1457 | 34°48'57"SE | 46.90                 | 1457         | 464,010.540100 | 2,190,002.556300 |
| 1457 - 1458 | 24°18'36"SE | 49.35                 | 1458         | 464,030.854600 | 2,189,957.586000 |
| 1458 - 1459 | 25°46'01"SE | 49.94                 | 1459         | 464,052.564500 | 2,189,912.610800 |
| 1459 - 1460 | 51°12'26"SE | 48.63                 | 1460         | 464,090.470800 | 2,189,882.141300 |
| 1460 - 1461 | 49°25'22"SE | 49.95                 | 1461         | 464,128.411000 | 2,189,849.649000 |
| 1461 - 1462 | 22°52'53"SE | 48.85                 | 1462         | 464,147.406100 | 2,189,804.640900 |
| 1462 - 1463 | 40°46'16"SE | 49.93                 | 1463         | 464,180.014100 | 2,189,766.826000 |
| 1463 - 1464 | 34°31'07"SE | 49.99                 | 1464         | 464,208.343000 | 2,189,725.635900 |
| 1464 - 1465 | 34°19'04"SE | 49.99                 | 1465         | 464,236.527300 | 2,189,684.347200 |
| 1465 - 1466 | 45°47'04"SE | 49.61                 | 1466         | 464,272.081900 | 2,189,649.753100 |
| 1466 - 1467 | 40°35'35"SE | 49.85                 | 1467         | 464,304.519100 | 2,189,611.899000 |
| 1467 - 1468 | 19°01'11"SE | 49.65                 | 1468         | 464,320.699900 | 2,189,564.959100 |
| 1468 - 1469 | 12°40'04"SE | 50.00                 | 1469         | 464,331.664100 | 2,189,516.180200 |
| 1469 - 1470 | 35°30'09"SE | 76.20                 | 1470         | 464,375.917100 | 2,189,454.146000 |
| 1470 - 1471 | 29°28'44"SE | 22.78                 | 1471         | 464,387.129000 | 2,189,434.312000 |
| 1471 - 1472 | 16°04'36"SE | 47.11                 | 1472         | 464,400.174700 | 2,189,389.045200 |
| 1472 - 1473 | 34°41'44"SE | 49.80                 | 1473         | 464,428.520900 | 2,189,348.101700 |
| 1473 - 1474 | 16°16'49"SE | 23.19                 | 1474         | 464,435.023100 | 2,189,325.837800 |
| 1474 - 1475 | 16°16'50"SE | 26.55                 | 1475         | 464,442.467400 | 2,189,300.348200 |
| 1475 - 1476 | 10°28'23"SE | 49.79                 | 1476         | 464,451.517500 | 2,189,251.390000 |
| 1476 - 1477 | 29°44'41"SE | 50.00                 | 1477         | 464,476.324400 | 2,189,207.977900 |
| 1477 - 1478 | 27°59'57"SE | 50.00                 | 1478         | 464,499.795900 | 2,189,163.833000 |
| 1478 - 1479 | 17°43'20"SE | 49.51                 | 1479         | 464,514.867200 | 2,189,116.672000 |
| 1479 - 1480 | 24°13'06"SE | 49.70                 | 1480         | 464,535.256800 | 2,189,071.341900 |
| 1480 - 1481 | 42°29'44"SE | 49.98                 | 1481         | 464,569.020100 | 2,189,034.490000 |
| 1481 - 1482 | 34°20'25"SE | 49.55                 | 1482         | 464,596.974200 | 2,188,993.572800 |
| 1482 - 1483 | 20°41'40"SE | 49.85                 | 1483         | 464,614.590900 | 2,188,946.937900 |
| 1483 - 1484 | 19°08'56"SE | 49.91                 | 1484         | 464,630.964000 | 2,188,899.786100 |
| 1484 - 1485 | 28°56'30"SE | 49.91                 | 1485         | 464,655.115600 | 2,188,856.111000 |
| 1485 - 1486 | 59°03'43"SE | 44.55                 | 1486         | 464,693.328500 | 2,188,833.206700 |
| 1486 - 1487 | 56°02'15"SE | 48.11                 | 1487         | 464,733.230300 | 2,188,806.330700 |
| 1487 - 1488 | 25°58'18"SE | 49.44                 | 1488         | 464,754.879500 | 2,188,761.887900 |
| 1488 - 1489 | 35°11'06"SE | 49.84                 | 1489         | 464,783.598400 | 2,188,721.153900 |
| 1489 - 1490 | 35°33'36"SE | 49.99                 | 1490         | 464,812.672900 | 2,188,680.483200 |
| 1490 - 1491 | 32°04'47"SE | 49.96                 | 1491         | 464,839.206400 | 2,188,638.152000 |
| 1491 - 1492 | 27°19'36"SE | 49.98                 | 1492         | 464,862.151900 | 2,188,593.747000 |
| 1492 - 1493 | 29°30'43"SE | 49.97                 | 1493         | 464,886.766100 | 2,188,550.262800 |
| 1493 - 1494 | 34°33'05"SE | 49.94                 | 1494         | 464,915.091700 | 2,188,509.128100 |
| 1494 - 1495 | 35°45'30"SE | 49.99                 | 1495         | 464,944.304000 | 2,188,468.562100 |
| 1495 - 1496 | 32°58'23"SE | 49.98                 | 1496         | 464,971.505400 | 2,188,426.632900 |
| 1496 - 1497 | 30°57'15"SE | 50.00                 | 1497         | 464,997.220700 | 2,188,383.757900 |
| 1497 - 1498 | 32°29'24"SE | 49.92                 | 1498         | 465,024.033000 | 2,188,341.655200 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1498 - 1499 | 23°11'55"SE | 50.00                 | 1499         | 465,043.729000 | 2,188,295.698000 |
| 1499 - 1500 | 23°37'09"SE | 50.00                 | 1500         | 465,063.761800 | 2,188,249.887100 |
| 1500 - 1501 | 27°08'44"SE | 50.00                 | 1501         | 465,086.572700 | 2,188,205.398200 |
| 1501 - 1502 | 39°36'56"SE | 49.91                 | 1502         | 465,118.395100 | 2,188,166.952800 |
| 1502 - 1503 | 21°22'31"SE | 49.45                 | 1503         | 465,136.419300 | 2,188,120.902000 |
| 1503 - 1504 | 26°25'42"SE | 49.34                 | 1504         | 465,158.379400 | 2,188,076.719000 |
| 1504 - 1505 | 32°39'21"SE | 49.64                 | 1505         | 465,185.164100 | 2,188,034.926800 |
| 1505 - 1506 | 19°44'48"SE | 50.00                 | 1506         | 465,202.057300 | 2,187,987.867000 |
| 1506 - 1507 | 25°48'28"SE | 50.00                 | 1507         | 465,223.824800 | 2,187,942.854800 |
| 1507 - 1508 | 30°17'13"SE | 50.00                 | 1508         | 465,249.040000 | 2,187,899.681900 |
| 1508 - 1509 | 22°10'57"SE | 49.99                 | 1509         | 465,267.915500 | 2,187,853.389100 |
| 1509 - 1510 | 19°34'17"SE | 49.99                 | 1510         | 465,284.660800 | 2,187,806.289000 |
| 1510 - 1511 | 13°46'46"SE | 49.95                 | 1511         | 465,296.558400 | 2,187,757.775900 |
| 1511 - 1512 | 11°44'06"SE | 49.84                 | 1512         | 465,306.694500 | 2,187,708.981200 |
| 1512 - 1513 | 17°17'31"SE | 49.95                 | 1513         | 465,321.542900 | 2,187,661.284900 |
| 1513 - 1514 | 30°39'32"SE | 49.39                 | 1514         | 465,346.730500 | 2,187,618.794900 |
| 1514 - 1515 | 20°19'46"SE | 49.66                 | 1515         | 465,363.983600 | 2,187,572.227800 |
| 1515 - 1516 | 20°44'28"SE | 49.97                 | 1516         | 465,381.681700 | 2,187,525.493000 |
| 1516 - 1517 | 18°29'24"SE | 49.83                 | 1517         | 465,397.483300 | 2,187,478.239800 |
| 1517 - 1518 | 11°33'36"SE | 50.00                 | 1518         | 465,407.503100 | 2,187,429.254100 |
| 1518 - 1519 | 14°58'52"SW | 49.85                 | 1519         | 465,394.617000 | 2,187,381.099100 |
| 1519 - 1520 | 03°35'43"SE | 48.90                 | 1520         | 465,397.683700 | 2,187,332.294200 |
| 1520 - 1521 | 23°07'12"SE | 49.82                 | 1521         | 465,417.247700 | 2,187,286.471800 |
| 1521 - 1522 | 04°28'06"SE | 48.41                 | 1522         | 465,421.019300 | 2,187,238.211000 |
| 1522 - 1523 | 15°07'17"SE | 49.28                 | 1523         | 465,433.876000 | 2,187,190.633300 |
| 1523 - 1524 | 19°28'34"SE | 49.34                 | 1524         | 465,450.328400 | 2,187,144.112100 |
| 1524 - 1525 | 23°11'01"SE | 48.70                 | 1525         | 465,469.501200 | 2,187,099.343800 |
| 1525 - 1526 | 15°36'46"SE | 49.76                 | 1526         | 465,482.893100 | 2,187,051.420900 |
| 1526 - 1527 | 23°43'53"SE | 49.99                 | 1527         | 465,503.010200 | 2,187,005.661100 |
| 1527 - 1528 | 15°27'54"SE | 49.81                 | 1528         | 465,516.292800 | 2,186,957.651800 |
| 1528 - 1529 | 19°11'07"SE | 49.80                 | 1529         | 465,532.657000 | 2,186,910.621800 |
| 1529 - 1530 | 20°07'27"SE | 49.24                 | 1530         | 465,549.599500 | 2,186,864.385000 |
| 1530 - 1531 | 17°35'36"SE | 47.60                 | 1531         | 465,563.986600 | 2,186,819.012900 |
| 1531 - 1532 | 23°17'45"SE | 11.27                 | 1532         | 465,568.444500 | 2,186,808.659800 |
| 1532 - 1533 | 23°17'46"SE | 38.61                 | 1533         | 465,583.714000 | 2,186,773.197800 |
| 1533 - 1534 | 23°50'13"SE | 33.56                 | 1534         | 465,597.276900 | 2,186,742.500600 |
| 1534 - 1535 | 23°50'14"SE | 16.42                 | 1535         | 465,603.914500 | 2,186,727.477700 |
| 1535 - 1536 | 17°56'56"SE | 49.98                 | 1536         | 465,619.316000 | 2,186,679.933000 |
| 1536 - 1537 | 02°53'32"SE | 0.06                  | 1537         | 465,619.318900 | 2,186,679.875600 |
| 1537 - 1538 | 02°49'33"SE | 47.49                 | 1538         | 465,621.660500 | 2,186,632.440300 |
| 1538 - 1539 | 23°52'19"SE | 49.92                 | 1539         | 465,641.864200 | 2,186,586.788300 |
| 1539 - 1540 | 19°46'37"SE | 49.93                 | 1540         | 465,658.758300 | 2,186,539.804100 |
| 1540 - 1541 | 21°35'11"SE | 49.82                 | 1541         | 465,677.088300 | 2,186,493.476300 |
| 1541 - 1542 | 21°15'32"SE | 49.98                 | 1542         | 465,695.211800 | 2,186,446.893700 |
| 1542 - 1543 | 21°23'40"SE | 49.57                 | 1543         | 465,713.294300 | 2,186,400.739800 |
| 1543 - 1544 | 21°24'16"SE | 49.15                 | 1544         | 465,731.233200 | 2,186,354.975900 |
| 1544 - 1545 | 16°36'11"SE | 48.28                 | 1545         | 465,745.029800 | 2,186,308.705900 |
| 1545 - 1546 | 09°22'48"SE | 47.90                 | 1546         | 465,752.836900 | 2,186,261.444800 |
| 1546 - 1547 | 04°57'37"SE | 10.62                 | 1547         | 465,753.755400 | 2,186,250.862200 |
| 1547 - 1548 | 04°57'38"SE | 37.23                 | 1548         | 465,756.974800 | 2,186,213.770300 |
| 1548 - 1549 | 05°30'55"SW | 40.55                 | 1549         | 465,753.077800 | 2,186,173.413000 |
| 1549 - 1550 | 08°12'06"SE | 48.49                 | 1550         | 465,759.994900 | 2,186,125.423100 |
| 1550 - 1551 | 36°35'43"SW | 49.07                 | 1551         | 465,730.743200 | 2,186,086.028900 |
| 1551 - 1552 | 66°23'52"SW | 48.27                 | 1552         | 465,686.511700 | 2,186,066.702700 |
| 1552 - 1553 | 61°28'00"SW | 49.83                 | 1553         | 465,642.734600 | 2,186,042.900800 |
| 1553 - 1554 | 42°29'10"SW | 49.77                 | 1554         | 465,609.119900 | 2,186,006.199200 |
| 1554 - 1555 | 47°50'28"SW | 48.45                 | 1555         | 465,573.206800 | 2,185,973.682300 |
| 1555 - 1556 | 42°31'10"SW | 49.87                 | 1556         | 465,539.503500 | 2,185,936.926800 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1556 - 1557 | 35°56'41"SW | 49.92                 | 1557         | 465,510.201900 | 2,185,896.515000 |
| 1557 - 1558 | 12°26'43"SW | 48.77                 | 1558         | 465,499.692000 | 2,185,848.893100 |
| 1558 - 1559 | 03°35'02"SE | 49.98                 | 1559         | 465,502.816600 | 2,185,799.006900 |
| 1559 - 1560 | 04°03'11"SW | 48.89                 | 1560         | 465,499.361200 | 2,185,750.242900 |
| 1560 - 1561 | 24°43'35"SW | 36.83                 | 1561         | 465,483.955400 | 2,185,716.789000 |
| 1561 - 1562 | 70°08'13"SE | 49.35                 | 1562         | 465,530.367200 | 2,185,700.022100 |
| 1562 - 1563 | 54°21'08"SE | 49.29                 | 1563         | 465,570.419300 | 2,185,671.297300 |
| 1563 - 1564 | 39°31'12"SE | 49.89                 | 1564         | 465,602.167600 | 2,185,632.811200 |
| 1564 - 1565 | 55°16'28"SE | 58.51                 | 1565         | 465,650.257000 | 2,185,599.480900 |
| 1565 - 1566 | 46°40'19"SE | 37.48                 | 1566         | 465,677.518500 | 2,185,573.765900 |
| 1566 - 1567 | 46°03'34"SE | 48.87                 | 1567         | 465,712.711400 | 2,185,539.851100 |
| 1567 - 1568 | 47°41'33"SE | 49.86                 | 1568         | 465,749.588000 | 2,185,506.287200 |
| 1568 - 1569 | 48°28'35"SE | 49.98                 | 1569         | 465,787.010800 | 2,185,473.150900 |
| 1569 - 1570 | 43°52'06"SE | 34.77                 | 1570         | 465,811.103600 | 2,185,448.087200 |
| 1570 - 1571 | 43°52'08"SE | 15.16                 | 1571         | 465,821.611400 | 2,185,437.156200 |
| 1571 - 1572 | 35°54'01"SE | 9.69                  | 1572         | 465,827.292900 | 2,185,429.307600 |
| 1572 - 1573 | 35°54'01"SE | 39.78                 | 1573         | 465,850.617900 | 2,185,397.086000 |
| 1573 - 1574 | 23°43'09"SE | 34.73                 | 1574         | 465,864.589100 | 2,185,365.287700 |
| 1574 - 1575 | 23°43'08"SE | 13.20                 | 1575         | 465,869.899200 | 2,185,353.201800 |
| 1575 - 1576 | 55°28'37"SE | 10.71                 | 1576         | 465,878.721200 | 2,185,347.133400 |
| 1576 - 1577 | 55°28'37"SE | 39.03                 | 1577         | 465,910.876100 | 2,185,325.015000 |
| 1577 - 1578 | 64°08'33"SE | 50.00                 | 1578         | 465,955.869600 | 2,185,303.208800 |
| 1578 - 1579 | 64°33'29"SE | 48.64                 | 1579         | 465,999.797100 | 2,185,282.311200 |
| 1579 - 1580 | 48°38'53"SE | 41.98                 | 1580         | 466,031.307200 | 2,185,254.578300 |
| 1580 - 1581 | 51°58'54"SE | 49.41                 | 1581         | 466,070.231000 | 2,185,224.147900 |
| 1581 - 1582 | 37°25'45"SE | 49.38                 | 1582         | 466,100.242000 | 2,185,184.936900 |
| 1582 - 1583 | 45°42'35"SE | 43.23                 | 1583         | 466,131.183000 | 2,185,154.753100 |
| 1583 - 1584 | 45°42'39"SE | 2.61                  | 1584         | 466,133.051100 | 2,185,152.930800 |
| 1584 - 1585 | 45°42'33"SE | 4.15                  | 1585         | 466,136.023600 | 2,185,150.031000 |
| 1585 - 1586 | 37°48'12"SE | 49.97                 | 1586         | 466,166.654300 | 2,185,110.547100 |
| 1586 - 1587 | 32°15'27"SE | 49.72                 | 1587         | 466,193.191200 | 2,185,068.501100 |
| 1587 - 1588 | 39°43'30"SE | 10.32                 | 1588         | 466,199.787700 | 2,185,060.562700 |
| 1588 - 1589 | 39°43'30"SE | 39.33                 | 1589         | 466,224.921700 | 2,185,030.315700 |
| 1589 - 1590 | 35°57'23"SE | 7.30                  | 1590         | 466,229.210300 | 2,185,024.403500 |
| 1590 - 1591 | 35°57'20"SE | 42.44                 | 1591         | 466,254.131200 | 2,184,990.046900 |
| 1591 - 1592 | 19°55'01"SE | 39.88                 | 1592         | 466,267.718200 | 2,184,952.548300 |
| 1592 - 1593 | 19°55'00"SE | 8.36                  | 1593         | 466,270.566100 | 2,184,944.688300 |
| 1593 - 1594 | 62°36'42"SE | 13.09                 | 1594         | 466,282.188400 | 2,184,938.666900 |
| 1594 - 1595 | 62°36'40"SE | 27.38                 | 1595         | 466,306.496100 | 2,184,926.073100 |
| 1595 - 1596 | 62°36'39"SE | 8.38                  | 1596         | 466,313.936800 | 2,184,922.218000 |
| 1596 - 1597 | 87°23'41"NE | 8.22                  | 1597         | 466,322.143900 | 2,184,922.591400 |
| 1597 - 1598 | 87°23'42"NE | 39.97                 | 1598         | 466,362.076500 | 2,184,924.408100 |
| 1598 - 1599 | 59°50'35"SE | 45.19                 | 1599         | 466,401.147100 | 2,184,901.707800 |
| 1599 - 1600 | 77°20'15"SE | 49.87                 | 1600         | 466,449.804700 | 2,184,890.775900 |
| 1600 - 1601 | 70°35'58"SE | 49.98                 | 1601         | 466,496.944900 | 2,184,874.174800 |
| 1601 - 1602 | 73°11'19"SE | 49.86                 | 1602         | 466,544.676200 | 2,184,859.753700 |
| 1602 - 1603 | 63°05'25"SE | 49.88                 | 1603         | 466,589.153500 | 2,184,837.179800 |
| 1603 - 1604 | 59°57'57"SE | 49.70                 | 1604         | 466,632.175900 | 2,184,812.306700 |
| 1604 - 1605 | 56°47'40"SE | 49.12                 | 1605         | 466,673.271500 | 2,184,785.409000 |
| 1605 - 1606 | 45°41'37"SE | 49.89                 | 1606         | 466,708.974800 | 2,184,750.560100 |
| 1606 - 1607 | 40°04'01"SE | 50.00                 | 1607         | 466,741.155800 | 2,184,712.299200 |
| 1607 - 1608 | 40°39'28"SE | 49.82                 | 1608         | 466,773.612300 | 2,184,674.508800 |
| 1608 - 1609 | 43°28'39"SE | 49.73                 | 1609         | 466,807.832100 | 2,184,638.420300 |
| 1609 - 1610 | 47°15'51"SE | 49.89                 | 1610         | 466,844.475000 | 2,184,604.564900 |
| 1610 - 1611 | 52°34'08"SE | 50.00                 | 1611         | 466,884.177600 | 2,184,574.175800 |
| 1611 - 1612 | 44°20'33"SE | 49.06                 | 1612         | 466,918.465300 | 2,184,539.092200 |
| 1612 - 1613 | 46°44'11"SE | 48.67                 | 1613         | 466,953.910500 | 2,184,505.732900 |
| 1613 - 1614 | 36°49'09"SE | 48.97                 | 1614         | 466,983.256500 | 2,184,466.533000 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1614 - 1615 | 50°24'57"SE | 49.83                 | 1615         | 467,021.662700 | 2,184,434.778700 |
| 1615 - 1616 | 36°15'31"SE | 49.85                 | 1616         | 467,051.147800 | 2,184,394.578800 |
| 1616 - 1617 | 41°45'41"SE | 50.00                 | 1617         | 467,084.449000 | 2,184,357.283000 |
| 1617 - 1618 | 42°48'04"SE | 50.00                 | 1618         | 467,118.421200 | 2,184,320.598100 |
| 1618 - 1619 | 42°15'02"SE | 25.09                 | 1619         | 467,135.288700 | 2,184,302.028800 |
| 1619 - 1620 | 42°15'00"SE | 24.85                 | 1620         | 467,151.998600 | 2,184,283.632800 |
| 1620 - 1621 | 40°34'22"SE | 48.72                 | 1621         | 467,183.689700 | 2,184,246.622800 |
| 1621 - 1622 | 40°34'33"SE | 1.03                  | 1622         | 467,184.358100 | 2,184,245.842300 |
| 1622 - 1623 | 36°43'21"SE | 49.46                 | 1623         | 467,213.932900 | 2,184,206.197300 |
| 1623 - 1624 | 54°04'25"SE | 36.37                 | 1624         | 467,243.386100 | 2,184,184.856200 |
| 1624 - 1625 | 54°04'26"SE | 13.60                 | 1625         | 467,254.396900 | 2,184,176.878100 |
| 1625 - 1626 | 47°28'40"SE | 49.88                 | 1626         | 467,291.156600 | 2,184,143.168100 |
| 1626 - 1627 | 39°05'31"SE | 49.97                 | 1627         | 467,322.665800 | 2,184,104.385000 |
| 1627 - 1628 | 58°28'04"SE | 49.45                 | 1628         | 467,364.810500 | 2,184,078.526200 |
| 1628 - 1629 | 37°26'06"SE | 49.00                 | 1629         | 467,394.598000 | 2,184,039.615200 |
| 1629 - 1630 | 50°22'40"SE | 48.87                 | 1630         | 467,432.241800 | 2,184,008.449000 |
| 1630 - 1631 | 68°35'15"SE | 49.96                 | 1631         | 467,478.752900 | 2,183,990.210000 |
| 1631 - 1632 | 36°11'09"SE | 49.86                 | 1632         | 467,508.191300 | 2,183,949.966800 |
| 1632 - 1633 | 20°05'01"SE | 49.39                 | 1633         | 467,525.150800 | 2,183,903.582100 |
| 1633 - 1634 | 27°09'01"SE | 43.20                 | 1634         | 467,544.864200 | 2,183,865.142300 |
| 1634 - 1635 | 27°09'01"SE | 6.02                  | 1635         | 467,547.612300 | 2,183,859.783700 |
| 1635 - 1636 | 54°00'56"SE | 3.71                  | 1636         | 467,550.611500 | 2,183,857.605900 |
| 1636 - 1637 | 54°00'56"SE | 44.92                 | 1637         | 467,586.958900 | 2,183,831.213100 |
| 1637 - 1638 | 40°10'47"SE | 49.28                 | 1638         | 467,618.756600 | 2,183,793.558800 |
| 1638 - 1639 | 27°24'45"SE | 49.00                 | 1639         | 467,641.315000 | 2,183,750.062800 |
| 1639 - 1640 | 39°58'09"SE | 49.33                 | 1640         | 467,673.000800 | 2,183,712.260100 |
| 1640 - 1641 | 40°31'21"SE | 0.55                  | 1641         | 467,673.360400 | 2,183,711.839400 |
| 1641 - 1642 | 40°30'44"SE | 43.77                 | 1642         | 467,701.790600 | 2,183,678.566300 |
| 1642 - 1643 | 40°30'49"SE | 3.68                  | 1643         | 467,704.180800 | 2,183,675.769100 |
| 1643 - 1644 | 32°56'14"SE | 18.11                 | 1644         | 467,714.027300 | 2,183,660.570400 |
| 1644 - 1645 | 32°56'14"SE | 31.58                 | 1645         | 467,731.197600 | 2,183,634.067000 |
| 1645 - 1646 | 39°28'49"SE | 49.75                 | 1646         | 467,762.826900 | 2,183,595.670700 |
| 1646 - 1647 | 61°21'33"SE | 46.87                 | 1647         | 467,803.963000 | 2,183,573.204700 |
| 1647 - 1648 | 61°21'43"SE | 2.18                  | 1648         | 467,805.878300 | 2,183,572.158800 |
| 1648 - 1649 | 67°30'48"SE | 49.73                 | 1649         | 467,851.831200 | 2,183,553.137100 |
| 1649 - 1650 | 37°24'06"SE | 48.26                 | 1650         | 467,881.141700 | 2,183,514.802900 |
| 1650 - 1651 | 27°40'56"SE | 23.29                 | 1651         | 467,891.962300 | 2,183,494.177200 |
| 1651 - 1652 | 27°40'57"SE | 26.70                 | 1652         | 467,904.365100 | 2,183,470.535900 |
| 1652 - 1653 | 32°58'17"SE | 49.87                 | 1653         | 467,931.505200 | 2,183,428.698100 |
| 1653 - 1654 | 66°38'47"SE | 5.68                  | 1654         | 467,936.716000 | 2,183,426.448200 |
| 1654 - 1655 | 66°38'46"SE | 43.45                 | 1655         | 467,976.609100 | 2,183,409.223100 |
| 1655 - 1656 | 44°06'54"SE | 49.98                 | 1656         | 468,011.398800 | 2,183,373.341800 |
| 1656 - 1657 | 38°49'01"SE | 49.96                 | 1657         | 468,042.715100 | 2,183,334.416100 |
| 1657 - 1658 | 36°08'00"SE | 50.00                 | 1658         | 468,072.198400 | 2,183,294.033900 |
| 1658 - 1659 | 42°24'35"SE | 49.92                 | 1659         | 468,105.868900 | 2,183,257.172800 |
| 1659 - 1660 | 50°38'35"SE | 49.92                 | 1660         | 468,144.471300 | 2,183,225.513000 |
| 1660 - 1661 | 53°00'06"SE | 49.84                 | 1661         | 468,184.277400 | 2,183,195.518900 |
| 1661 - 1662 | 49°01'05"SE | 50.00                 | 1662         | 468,222.020800 | 2,183,162.730200 |
| 1662 - 1663 | 43°00'29"SE | 49.87                 | 1663         | 468,256.033900 | 2,183,126.266000 |
| 1663 - 1664 | 51°34'12"SE | 49.15                 | 1664         | 468,294.533200 | 2,183,095.719200 |
| 1664 - 1665 | 60°13'45"SE | 49.87                 | 1665         | 468,337.823400 | 2,183,070.956000 |
| 1665 - 1666 | 51°09'47"SE | 49.92                 | 1666         | 468,376.708100 | 2,183,039.650800 |
| 1666 - 1667 | 57°59'40"SE | 50.00                 | 1667         | 468,419.108000 | 2,183,013.150900 |
| 1667 - 1668 | 40°11'52"SE | 49.48                 | 1668         | 468,451.044900 | 2,182,975.355900 |
| 1668 - 1669 | 39°25'49"SW | 48.70                 | 1669         | 468,420.115800 | 2,182,937.742800 |
| 1669 - 1670 | 53°24'10"SW | 47.14                 | 1670         | 468,382.268600 | 2,182,909.638000 |
| 1670 - 1671 | 44°03'22"NW | 48.47                 | 1671         | 468,348.560900 | 2,182,944.475000 |
| 1671 - 1672 | 51°04'49"NW | 42.03                 | 1672         | 468,315.857500 | 2,182,970.881800 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1672 - 1673 | 71°34'43"SW | 48.77                 | 1673         | 468,269.585600 | 2,182,955.470200 |
| 1673 - 1674 | 10°39'05"SE | 41.63                 | 1674         | 468,277.280400 | 2,182,914.557200 |
| 1674 - 1675 | 18°11'23"SE | 48.95                 | 1675         | 468,292.560200 | 2,182,868.055900 |
| 1675 - 1676 | 23°26'05"SE | 49.67                 | 1676         | 468,312.312800 | 2,182,822.486200 |
| 1676 - 1677 | 23°43'46"SE | 49.81                 | 1677         | 468,332.358400 | 2,182,776.885200 |
| 1677 - 1678 | 42°57'19"SE | 49.95                 | 1678         | 468,366.396300 | 2,182,740.327100 |
| 1678 - 1679 | 50°30'23"SE | 47.48                 | 1679         | 468,403.038100 | 2,182,710.129000 |
| 1679 - 1680 | 53°34'52"SE | 49.47                 | 1680         | 468,442.849900 | 2,182,680.757000 |
| 1680 - 1681 | 48°53'15"SE | 48.85                 | 1681         | 468,479.655000 | 2,182,648.636000 |
| 1681 - 1682 | 73°47'36"SE | 49.76                 | 1682         | 468,527.440700 | 2,182,634.747000 |
| 1682 - 1683 | 65°11'51"SE | 48.78                 | 1683         | 468,571.721400 | 2,182,614.284100 |
| 1683 - 1684 | 55°05'46"SE | 49.42                 | 1684         | 468,612.251800 | 2,182,586.005900 |
| 1684 - 1685 | 45°42'49"SE | 49.64                 | 1685         | 468,647.788000 | 2,182,551.344100 |
| 1685 - 1686 | 39°17'22"SE | 49.65                 | 1686         | 468,679.227500 | 2,182,512.918100 |
| 1686 - 1687 | 20°35'19"SE | 49.68                 | 1687         | 468,696.698100 | 2,182,466.410800 |
| 1687 - 1688 | 30°07'50"SE | 49.52                 | 1688         | 468,721.555400 | 2,182,423.582800 |
| 1688 - 1689 | 26°46'25"SE | 49.98                 | 1689         | 468,744.067700 | 2,182,378.965000 |
| 1689 - 1690 | 43°25'19"SE | 49.82                 | 1690         | 468,778.310700 | 2,182,342.782100 |
| 1690 - 1691 | 39°39'00"SE | 18.40                 | 1691         | 468,790.050600 | 2,182,328.616200 |
| 1691 - 1692 | 39°39'03"SE | 13.30                 | 1692         | 468,798.540600 | 2,182,318.372100 |
| 1692 - 1693 | 39°39'05"SE | 18.03                 | 1693         | 468,810.047700 | 2,182,304.487800 |
| 1693 - 1694 | 40°33'19"SE | 49.08                 | 1694         | 468,841.955800 | 2,182,267.201300 |
| 1694 - 1695 | 38°56'03"SE | 49.71                 | 1695         | 468,873.197200 | 2,182,228.530800 |
| 1695 - 1696 | 25°33'19"SE | 49.91                 | 1696         | 468,894.727800 | 2,182,183.502900 |
| 1696 - 1697 | 38°48'24"SE | 49.33                 | 1697         | 468,925.642700 | 2,182,145.061900 |
| 1697 - 1698 | 29°08'24"SE | 49.98                 | 1698         | 468,949.978600 | 2,182,101.411100 |
| 1698 - 1699 | 36°48'46"SE | 49.85                 | 1699         | 468,979.849100 | 2,182,061.501100 |
| 1699 - 1700 | 21°11'49"SE | 47.66                 | 1700         | 468,997.083400 | 2,182,017.062000 |
| 1700 - 1701 | 23°23'12"SE | 47.18                 | 1701         | 469,015.812700 | 2,181,973.753800 |
| 1701 - 1702 | 33°11'41"SE | 49.97                 | 1702         | 469,043.173300 | 2,181,931.934100 |
| 1702 - 1703 | 28°56'20"SE | 49.99                 | 1703         | 469,067.362500 | 2,181,888.186100 |
| 1703 - 1704 | 27°28'47"SE | 12.06                 | 1704         | 469,072.925800 | 2,181,877.489900 |
| 1704 - 1705 | 27°28'48"SE | 37.94                 | 1705         | 469,090.433700 | 2,181,843.828900 |
| 1705 - 1706 | 17°17'17"SE | 21.83                 | 1706         | 469,096.922600 | 2,181,822.980400 |
| 1706 - 1707 | 17°17'16"SE | 25.30                 | 1707         | 469,104.442400 | 2,181,798.819100 |
| 1707 - 1708 | 53°16'32"SE | 49.76                 | 1708         | 469,144.327900 | 2,181,769.063000 |
| 1708 - 1709 | 23°24'05"SE | 41.61                 | 1709         | 469,160.855800 | 2,181,730.872100 |
| 1709 - 1710 | 23°24'05"SE | 5.91                  | 1710         | 469,163.201500 | 2,181,725.451900 |
| 1710 - 1711 | 29°15'00"SE | 49.19                 | 1711         | 469,187.236200 | 2,181,682.534900 |
| 1711 - 1712 | 30°25'29"SE | 48.22                 | 1712         | 469,211.654100 | 2,181,640.956800 |
| 1712 - 1713 | 09°30'49"SE | 49.41                 | 1713         | 469,219.821100 | 2,181,592.224000 |
| 1713 - 1714 | 65°04'55"SE | 30.99                 | 1714         | 469,247.927500 | 2,181,579.166800 |
| 1714 - 1715 | 18°47'53"SE | 46.34                 | 1715         | 469,262.858700 | 2,181,535.302300 |
| 1715 - 1716 | 19°39'51"SE | 49.75                 | 1716         | 469,279.598400 | 2,181,488.458100 |
| 1716 - 1717 | 22°55'53"SE | 49.95                 | 1717         | 469,299.060200 | 2,181,442.456300 |
| 1717 - 1718 | 31°28'54"SE | 49.61                 | 1718         | 469,324.966700 | 2,181,400.150800 |
| 1718 - 1719 | 13°35'57"SE | 48.84                 | 1719         | 469,336.449500 | 2,181,352.684100 |
| 1719 - 1720 | 35°24'33"SE | 49.81                 | 1720         | 469,365.310900 | 2,181,312.086200 |
| 1720 - 1721 | 32°21'01"SE | 49.94                 | 1721         | 469,392.031800 | 2,181,269.900200 |
| 1721 - 1722 | 24°27'08"SE | 49.93                 | 1722         | 469,412.699100 | 2,181,224.450100 |
| 1722 - 1723 | 31°48'34"SE | 49.92                 | 1723         | 469,439.011800 | 2,181,182.028000 |
| 1723 - 1724 | 26°11'06"SE | 49.64                 | 1724         | 469,460.915300 | 2,181,137.485300 |
| 1724 - 1725 | 15°17'59"SE | 38.62                 | 1725         | 469,471.105000 | 2,181,100.237700 |
| 1725 - 1726 | 15°17'58"SE | 11.23                 | 1726         | 469,474.068600 | 2,181,089.404200 |
| 1726 - 1727 | 12°03'44"SE | 49.85                 | 1727         | 469,484.485200 | 2,181,040.658800 |
| 1727 - 1728 | 17°42'09"SE | 49.89                 | 1728         | 469,499.655900 | 2,180,993.130200 |
| 1728 - 1729 | 18°39'36"SE | 49.83                 | 1729         | 469,515.599000 | 2,180,945.919900 |
| 1729 - 1730 | 06°14'17"SE | 24.29                 | 1730         | 469,518.238000 | 2,180,921.777900 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1730 - 1731 | 06°14'16"SE | 24.54                 | 1731         | 469,520.904100 | 2,180,897.386700 |
| 1731 - 1732 | 11°32'45"SE | 39.54                 | 1732         | 469,528.817700 | 2,180,858.648800 |
| 1732 - 1733 | 11°32'44"SE | 10.32                 | 1733         | 469,530.882600 | 2,180,848.540800 |
| 1733 - 1734 | 06°32'05"SE | 49.45                 | 1734         | 469,536.511000 | 2,180,799.407200 |
| 1734 - 1735 | 06°32'38"SE | 0.42                  | 1735         | 469,536.558400 | 2,180,798.994000 |
| 1735 - 1736 | 09°47'47"SE | 14.46                 | 1736         | 469,539.018000 | 2,180,784.749400 |
| 1736 - 1737 | 09°47'47"SE | 35.54                 | 1737         | 469,545.064900 | 2,180,749.728900 |
| 1737 - 1738 | 06°20'48"SE | 49.97                 | 1738         | 469,550.588500 | 2,180,700.068200 |
| 1738 - 1739 | 10°35'40"SE | 47.10                 | 1739         | 469,559.248900 | 2,180,653.768100 |
| 1739 - 1740 | 10°35'49"SE | 1.56                  | 1740         | 469,559.536500 | 2,180,652.230900 |
| 1740 - 1741 | 05°51'24"SW | 2.89                  | 1741         | 469,559.241400 | 2,180,649.354100 |
| 1741 - 1742 | 05°51'24"SW | 35.75                 | 1742         | 469,555.593200 | 2,180,613.788400 |
| 1742 - 1743 | 05°51'25"SW | 11.35                 | 1743         | 469,554.434700 | 2,180,602.495100 |
| 1743 - 1744 | 16°03'30"SW | 47.63                 | 1744         | 469,541.258500 | 2,180,556.720900 |
| 1744 - 1745 | 29°53'12"SE | 48.96                 | 1745         | 469,565.654000 | 2,180,514.273300 |
| 1745 - 1746 | 59°35'12"SE | 48.78                 | 1746         | 469,607.723800 | 2,180,489.578000 |
| 1746 - 1747 | 68°24'28"SE | 49.43                 | 1747         | 469,653.689700 | 2,180,471.386200 |
| 1747 - 1748 | 81°58'25"SE | 49.97                 | 1748         | 469,703.170500 | 2,180,464.409000 |
| 1748 - 1749 | 82°42'35"SE | 48.61                 | 1749         | 469,751.387200 | 2,180,458.240800 |
| 1749 - 1750 | 61°01'45"SE | 49.62                 | 1750         | 469,794.794400 | 2,180,434.208900 |
| 1750 - 1751 | 63°23'22"SE | 49.97                 | 1751         | 469,839.470100 | 2,180,411.826800 |
| 1751 - 1752 | 54°20'26"SE | 49.50                 | 1752         | 469,879.687600 | 2,180,382.970800 |
| 1752 - 1753 | 43°14'07"SE | 49.90                 | 1753         | 469,913.871200 | 2,180,346.614100 |
| 1753 - 1754 | 36°04'57"SE | 49.95                 | 1754         | 469,943.289100 | 2,180,306.246200 |
| 1754 - 1755 | 32°30'35"SE | 50.00                 | 1755         | 469,970.159500 | 2,180,264.084200 |
| 1755 - 1756 | 52°36'23"SE | 48.30                 | 1756         | 470,008.534500 | 2,180,234.751200 |
| 1756 - 1757 | 64°04'31"SE | 49.81                 | 1757         | 470,053.336000 | 2,180,212.972900 |
| 1757 - 1758 | 59°16'22"SE | 50.00                 | 1758         | 470,096.315400 | 2,180,187.426200 |
| 1758 - 1759 | 62°31'45"SE | 49.96                 | 1759         | 470,140.643400 | 2,180,164.379200 |
| 1759 - 1760 | 66°44'34"SE | 50.00                 | 1760         | 470,186.579300 | 2,180,144.636800 |
| 1760 - 1761 | 64°28'59"SE | 49.99                 | 1761         | 470,231.691200 | 2,180,123.103200 |
| 1761 - 1762 | 58°44'34"SE | 49.69                 | 1762         | 470,274.167300 | 2,180,097.320800 |
| 1762 - 1763 | 53°30'56"SE | 49.61                 | 1763         | 470,314.058000 | 2,180,067.820200 |
| 1763 - 1764 | 58°40'14"SE | 49.99                 | 1764         | 470,356.758200 | 2,180,041.828200 |
| 1764 - 1765 | 56°09'07"SE | 49.99                 | 1765         | 470,398.274700 | 2,180,013.984900 |
| 1765 - 1766 | 62°02'14"SE | 49.27                 | 1766         | 470,441.793500 | 2,179,990.881900 |
| 1766 - 1767 | 27°35'04"SE | 46.13                 | 1767         | 470,463.155300 | 2,179,949.993800 |
| 1767 - 1768 | 75°51'08"SE | 49.62                 | 1768         | 470,511.269000 | 2,179,937.866000 |
| 1768 - 1769 | 62°38'15"SE | 49.81                 | 1769         | 470,555.509200 | 2,179,914.971000 |
| 1769 - 1770 | 57°11'28"SE | 49.97                 | 1770         | 470,597.510200 | 2,179,887.894200 |
| 1770 - 1771 | 59°13'41"SE | 49.94                 | 1771         | 470,640.422100 | 2,179,862.342200 |
| 1771 - 1772 | 60°20'48"SE | 49.98                 | 1772         | 470,683.857400 | 2,179,837.614200 |
| 1772 - 1773 | 52°40'32"SE | 49.94                 | 1773         | 470,723.572200 | 2,179,807.332900 |
| 1773 - 1774 | 53°02'14"SE | 49.66                 | 1774         | 470,763.252400 | 2,179,777.472200 |
| 1774 - 1775 | 56°04'44"SE | 49.95                 | 1775         | 470,804.704000 | 2,179,749.595800 |
| 1775 - 1776 | 49°51'05"SE | 49.93                 | 1776         | 470,842.871300 | 2,179,717.400700 |
| 1776 - 1777 | 49°07'45"SE | 49.86                 | 1777         | 470,880.576800 | 2,179,684.772800 |
| 1777 - 1778 | 45°26'14"SE | 49.99                 | 1778         | 470,916.194200 | 2,179,649.695100 |
| 1778 - 1779 | 48°52'13"SE | 50.00                 | 1779         | 470,953.852800 | 2,179,616.809000 |
| 1779 - 1780 | 54°26'17"SE | 49.96                 | 1780         | 470,994.492000 | 2,179,587.755200 |
| 1780 - 1781 | 60°31'31"SE | 50.00                 | 1781         | 471,038.017600 | 2,179,563.155000 |
| 1781 - 1782 | 53°25'26"SE | 49.54                 | 1782         | 471,077.801000 | 2,179,533.635200 |
| 1782 - 1783 | 45°00'00"SE | 50.00                 | 1783         | 471,113.156300 | 2,179,498.280100 |
| 1783 - 1784 | 53°54'15"SE | 49.96                 | 1784         | 471,153.527300 | 2,179,468.845700 |
| 1784 - 1785 | 52°58'40"SE | 49.94                 | 1785         | 471,193.396300 | 2,179,438.778200 |
| 1785 - 1786 | 47°09'58"SE | 49.99                 | 1786         | 471,230.058000 | 2,179,404.788800 |
| 1786 - 1787 | 40°36'03"SE | 50.00                 | 1787         | 471,262.597500 | 2,179,366.825800 |
| 1787 - 1788 | 40°28'24"SE | 50.00                 | 1788         | 471,295.051900 | 2,179,328.790900 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1788 - 1789 | 39°48'20"SE | 50.00                 | 1789         | 471,327.061100 | 2,179,290.380000 |
| 1789 - 1790 | 41°30'32"SE | 49.98                 | 1790         | 471,360.187900 | 2,179,252.949000 |
| 1790 - 1791 | 39°23'38"SE | 49.87                 | 1791         | 471,391.839900 | 2,179,214.406900 |
| 1791 - 1792 | 34°22'48"SE | 50.00                 | 1792         | 471,420.074100 | 2,179,173.141200 |
| 1792 - 1793 | 44°45'08"SE | 49.86                 | 1793         | 471,455.176200 | 2,179,137.734200 |
| 1793 - 1794 | 47°15'31"SE | 49.96                 | 1794         | 471,491.870100 | 2,179,103.825200 |
| 1794 - 1795 | 54°09'45"SE | 50.00                 | 1795         | 471,532.404000 | 2,179,074.550900 |
| 1795 - 1796 | 45°59'32"SE | 49.67                 | 1796         | 471,568.125500 | 2,179,040.046000 |
| 1796 - 1797 | 40°18'43"SE | 50.00                 | 1797         | 471,600.472300 | 2,179,001.920200 |
| 1797 - 1798 | 39°48'20"SE | 50.00                 | 1798         | 471,632.481600 | 2,178,963.509200 |
| 1798 - 1799 | 38°16'53"SE | 50.00                 | 1799         | 471,663.455000 | 2,178,924.264100 |
| 1799 - 1800 | 39°42'27"SE | 49.93                 | 1800         | 471,695.351400 | 2,178,885.855300 |
| 1800 - 1801 | 44°53'47"SE | 50.00                 | 1801         | 471,730.640100 | 2,178,850.438800 |
| 1801 - 1802 | 40°21'52"SE | 50.00                 | 1802         | 471,763.022500 | 2,178,812.341800 |
| 1802 - 1803 | 39°49'35"SE | 49.99                 | 1803         | 471,795.042000 | 2,178,773.947100 |
| 1803 - 1804 | 38°17'24"SE | 50.00                 | 1804         | 471,826.024200 | 2,178,734.703100 |
| 1804 - 1805 | 40°13'33"SE | 49.98                 | 1805         | 471,858.303600 | 2,178,696.540800 |
| 1805 - 1806 | 41°20'51"SE | 50.00                 | 1806         | 471,891.334900 | 2,178,659.004900 |
| 1806 - 1807 | 36°53'08"SE | 49.77                 | 1807         | 471,921.207200 | 2,178,619.198200 |
| 1807 - 1808 | 30°04'07"SE | 50.00                 | 1808         | 471,946.259000 | 2,178,575.927100 |
| 1808 - 1809 | 33°24'16"SE | 49.99                 | 1809         | 471,973.782300 | 2,178,534.193000 |
| 1809 - 1810 | 84°12'19"SE | 49.09                 | 1810         | 472,022.626400 | 2,178,529.236200 |
| 1810 - 1811 | 46°26'14"SE | 48.36                 | 1811         | 472,057.668200 | 2,178,495.909900 |
| 1811 - 1812 | 19°55'34"SE | 45.75                 | 1812         | 472,073.259000 | 2,178,452.902300 |
| 1812 - 1813 | 03°39'02"SE | 48.02                 | 1813         | 472,076.316500 | 2,178,404.983000 |
| 1813 - 1814 | 28°48'38"SE | 50.00                 | 1814         | 472,100.412400 | 2,178,361.172100 |
| 1814 - 1815 | 33°24'21"SE | 49.95                 | 1815         | 472,127.913500 | 2,178,319.474100 |
| 1815 - 1816 | 34°49'28"SE | 50.00                 | 1816         | 472,156.466700 | 2,178,278.428900 |
| 1816 - 1817 | 36°37'41"SE | 50.00                 | 1817         | 472,186.295700 | 2,178,238.305200 |
| 1817 - 1818 | 35°40'31"SE | 49.96                 | 1818         | 472,215.430400 | 2,178,197.723200 |
| 1818 - 1819 | 30°55'12"SE | 50.00                 | 1819         | 472,241.122100 | 2,178,154.829900 |
| 1819 - 1820 | 29°21'27"SE | 50.00                 | 1820         | 472,265.635200 | 2,178,111.251000 |
| 1820 - 1821 | 31°49'48"SE | 49.99                 | 1821         | 472,291.999100 | 2,178,068.780200 |
| 1821 - 1822 | 33°35'25"SE | 50.00                 | 1822         | 472,319.661200 | 2,178,027.130200 |
| 1822 - 1823 | 35°38'12"SE | 49.99                 | 1823         | 472,348.786900 | 2,177,986.503200 |
| 1823 - 1824 | 34°56'50"SE | 49.97                 | 1824         | 472,377.412000 | 2,177,945.542200 |
| 1824 - 1825 | 44°41'41"SE | 49.97                 | 1825         | 472,412.560500 | 2,177,910.017300 |
| 1825 - 1826 | 15°49'24"SE | 49.42                 | 1826         | 472,426.036400 | 2,177,862.468900 |
| 1826 - 1827 | 32°30'43"SE | 50.00                 | 1827         | 472,452.910400 | 2,177,820.305000 |
| 1827 - 1828 | 32°46'15"SE | 50.00                 | 1828         | 472,479.974500 | 2,177,778.263100 |
| 1828 - 1829 | 33°12'02"SE | 49.98                 | 1829         | 472,507.339500 | 2,177,736.446100 |
| 1829 - 1830 | 27°23'10"SE | 50.00                 | 1830         | 472,530.337000 | 2,177,692.053100 |
| 1830 - 1831 | 27°15'08"SE | 49.97                 | 1831         | 472,553.220400 | 2,177,647.626900 |
| 1831 - 1832 | 30°34'23"SE | 49.85                 | 1832         | 472,578.575000 | 2,177,604.709000 |
| 1832 - 1833 | 32°57'41"SE | 49.99                 | 1833         | 472,605.775100 | 2,177,562.762900 |
| 1833 - 1834 | 24°55'23"SE | 49.61                 | 1834         | 472,626.682600 | 2,177,517.769200 |
| 1834 - 1835 | 18°46'03"SE | 49.92                 | 1835         | 472,642.743600 | 2,177,470.503100 |
| 1835 - 1836 | 32°56'11"SE | 49.61                 | 1836         | 472,669.715000 | 2,177,428.869800 |
| 1836 - 1837 | 30°22'35"SE | 49.61                 | 1837         | 472,694.803700 | 2,177,386.066800 |
| 1837 - 1838 | 19°52'57"SE | 49.93                 | 1838         | 472,711.786100 | 2,177,339.109000 |
| 1838 - 1839 | 21°18'07"SE | 49.92                 | 1839         | 472,729.920500 | 2,177,292.601900 |
| 1839 - 1840 | 27°11'40"SE | 49.83                 | 1840         | 472,752.691600 | 2,177,248.284000 |
| 1840 - 1841 | 20°31'53"SE | 49.92                 | 1841         | 472,770.200900 | 2,177,201.531800 |
| 1841 - 1842 | 16°44'54"SE | 49.97                 | 1842         | 472,784.601200 | 2,177,153.679900 |
| 1842 - 1843 | 20°40'22"SE | 49.99                 | 1843         | 472,802.248600 | 2,177,106.910900 |
| 1843 - 1844 | 24°29'31"SE | 49.95                 | 1844         | 472,822.954300 | 2,177,061.459900 |
| 1844 - 1845 | 14°18'17"SE | 49.83                 | 1845         | 472,835.266000 | 2,177,013.176200 |
| 1845 - 1846 | 14°37'49"SE | 49.64                 | 1846         | 472,847.803600 | 2,176,965.148100 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1846 - 1847 | 12°33'53"SE | 49.98                 | 1847         | 472,858.675600 | 2,176,916.368800 |
| 1847 - 1848 | 13°27'58"SE | 49.94                 | 1848         | 472,870.306300 | 2,176,867.797200 |
| 1848 - 1849 | 05°10'35"SE | 49.73                 | 1849         | 472,874.793000 | 2,176,818.272900 |
| 1849 - 1850 | 09°17'35"SE | 49.83                 | 1850         | 472,882.840400 | 2,176,769.094100 |
| 1850 - 1851 | 01°50'45"SE | 22.87                 | 1851         | 472,883.577100 | 2,176,746.235000 |
| 1851 - 1852 | 01°50'42"SE | 6.09                  | 1852         | 472,883.773100 | 2,176,740.150600 |
| 1852 - 1853 | 01°50'44"SE | 21.04                 | 1853         | 472,884.450800 | 2,176,719.120100 |
| 1853 - 1854 | 00°05'17"SE | 49.99                 | 1854         | 472,884.527700 | 2,176,669.130100 |
| 1854 - 1855 | 01°37'49"SE | 50.00                 | 1855         | 472,885.950100 | 2,176,619.155100 |
| 1855 - 1856 | 00°53'33"SE | 49.98                 | 1856         | 472,886.728600 | 2,176,569.183000 |
| 1856 - 1857 | 11°41'40"SW | 49.72                 | 1857         | 472,876.650600 | 2,176,520.494800 |
| 1857 - 1858 | 15°43'33"SW | 14.47                 | 1858         | 472,872.729100 | 2,176,506.567900 |
| 1858 - 1859 | 15°43'33"SW | 35.53                 | 1859         | 472,863.099200 | 2,176,472.367700 |
| 1859 - 1860 | 13°18'03"SW | 50.00                 | 1860         | 472,851.597000 | 2,176,423.713200 |
| 1860 - 1861 | 17°36'41"SW | 49.83                 | 1861         | 472,836.519300 | 2,176,376.215100 |
| 1861 - 1862 | 22°57'24"SW | 50.00                 | 1862         | 472,817.018200 | 2,176,330.176900 |
| 1862 - 1863 | 27°14'54"SW | 49.70                 | 1863         | 472,794.261200 | 2,176,285.988800 |
| 1863 - 1864 | 34°24'34"SW | 49.67                 | 1864         | 472,766.193100 | 2,176,245.011100 |
| 1864 - 1865 | 43°15'43"SW | 49.92                 | 1865         | 472,731.983700 | 2,176,208.660700 |
| 1865 - 1866 | 54°51'48"SW | 31.71                 | 1866         | 472,706.055100 | 2,176,190.413000 |
| 1866 - 1867 | 54°51'48"SW | 18.28                 | 1867         | 472,691.108300 | 2,176,179.894000 |
| 1867 - 1868 | 60°54'13"SW | 49.84                 | 1868         | 472,647.554700 | 2,176,155.656100 |
| 1868 - 1869 | 85°30'46"NW | 44.97                 | 1869         | 472,602.724200 | 2,176,159.174200 |
| 1869 - 1870 | 89°18'01"NW | 46.25                 | 1870         | 472,556.476900 | 2,176,159.739000 |
| 1870 - 1871 | 63°00'40"NW | 49.62                 | 1871         | 472,512.265100 | 2,176,182.255000 |
| 1871 - 1872 | 87°40'03"SW | 8.42                  | 1872         | 472,503.849000 | 2,176,181.912200 |
| 1872 - 1873 | 87°40'04"SW | 39.52                 | 1873         | 472,464.358200 | 2,176,180.303900 |
| 1873 - 1874 | 68°34'08"NW | 48.91                 | 1874         | 472,418.832000 | 2,176,198.173700 |
| 1874 - 1875 | 52°41'28"SW | 8.25                  | 1875         | 472,412.267100 | 2,176,193.171000 |
| 1875 - 1876 | 52°41'31"SW | 33.68                 | 1876         | 472,385.481900 | 2,176,172.760300 |
| 1876 - 1877 | 52°41'31"SW | 7.43                  | 1877         | 472,379.573100 | 2,176,168.257700 |
| 1877 - 1878 | 42°48'33"SW | 49.68                 | 1878         | 472,345.815800 | 2,176,131.814900 |
| 1878 - 1879 | 35°39'23"SW | 16.21                 | 1879         | 472,336.368100 | 2,176,118.645900 |
| 1879 - 1880 | 35°39'17"SW | 5.58                  | 1880         | 472,333.115300 | 2,176,114.111600 |
| 1880 - 1881 | 35°39'22"SW | 28.12                 | 1881         | 472,316.721500 | 2,176,091.260300 |
| 1881 - 1882 | 14°46'56"SE | 35.02                 | 1882         | 472,325.656900 | 2,176,057.398700 |
| 1882 - 1883 | 84°19'15"NE | 15.76                 | 1883         | 472,341.338000 | 2,176,058.958100 |
| 1883 - 1884 | 84°19'14"NE | 16.92                 | 1884         | 472,358.177000 | 2,176,060.632700 |
| 1884 - 1885 | 84°19'14"NE | 16.10                 | 1885         | 472,374.199500 | 2,176,062.226100 |
| 1885 - 1886 | 70°24'31"NE | 48.67                 | 1886         | 472,420.047600 | 2,176,078.544000 |
| 1886 - 1887 | 79°21'43"NE | 28.13                 | 1887         | 472,447.693400 | 2,176,083.736700 |
| 1887 - 1888 | 79°21'49"NE | 6.85                  | 1888         | 472,454.421900 | 2,176,085.000300 |
| 1888 - 1889 | 79°21'41"NE | 12.74                 | 1889         | 472,466.938300 | 2,176,087.351400 |
| 1889 - 1890 | 55°12'06"NE | 25.95                 | 1890         | 472,488.244300 | 2,176,102.158500 |
| 1890 - 1891 | 55°12'05"NE | 23.85                 | 1891         | 472,507.825400 | 2,176,115.767000 |
| 1891 - 1892 | 78°16'29"NE | 45.94                 | 1892         | 472,552.808400 | 2,176,125.103100 |
| 1892 - 1893 | 74°22'39"SE | 49.12                 | 1893         | 472,600.112200 | 2,176,111.875800 |
| 1893 - 1894 | 65°04'44"SE | 46.96                 | 1894         | 472,642.700900 | 2,176,092.087900 |
| 1894 - 1895 | 68°00'42"SE | 46.54                 | 1895         | 472,685.854400 | 2,176,074.663100 |
| 1895 - 1896 | 64°08'36"SE | 48.52                 | 1896         | 472,729.517600 | 2,176,053.502200 |
| 1896 - 1897 | 73°14'50"SE | 49.45                 | 1897         | 472,776.871500 | 2,176,039.248000 |
| 1897 - 1898 | 70°47'55"SE | 46.10                 | 1898         | 472,820.410300 | 2,176,024.085100 |
| 1898 - 1899 | 47°14'01"SE | 49.70                 | 1899         | 472,856.897100 | 2,175,990.337800 |
| 1899 - 1900 | 58°23'53"SE | 49.74                 | 1900         | 472,899.263000 | 2,175,964.272200 |
| 1900 - 1901 | 52°27'28"SE | 48.98                 | 1901         | 472,938.097200 | 2,175,934.428200 |
| 1901 - 1902 | 55°57'42"SE | 49.94                 | 1902         | 472,979.481000 | 2,175,906.474200 |
| 1902 - 1903 | 56°28'04"SE | 49.93                 | 1903         | 473,021.098100 | 2,175,878.894900 |
| 1903 - 1904 | 56°55'16"SE | 49.95                 | 1904         | 473,062.948300 | 2,175,851.635300 |



| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1904 - 1905 | 57°16'44"SE | 49.97                 | 1905         | 473,104.987300 | 2,175,824.625100 |
| 1905 - 1906 | 52°30'57"SE | 49.95                 | 1906         | 473,144.624300 | 2,175,794.228100 |
| 1906 - 1907 | 54°58'48"SE | 48.37                 | 1907         | 473,184.238200 | 2,175,766.469800 |
| 1907 - 1908 | 59°03'15"SE | 49.79                 | 1908         | 473,226.941600 | 2,175,740.866000 |
| 1908 - 1909 | 63°29'42"SE | 49.83                 | 1909         | 473,271.534100 | 2,175,718.628200 |
| 1909 - 1910 | 56°23'32"SE | 48.93                 | 1910         | 473,312.282500 | 2,175,691.547100 |
| 1910 - 1911 | 52°28'37"SE | 49.36                 | 1911         | 473,351.430200 | 2,175,661.483200 |
| 1911 - 1912 | 50°21'05"SE | 49.98                 | 1912         | 473,389.917000 | 2,175,629.589200 |
| 1912 - 1913 | 57°28'56"SE | 49.92                 | 1913         | 473,432.010900 | 2,175,602.754100 |
| 1913 - 1914 | 49°47'48"SE | 48.99                 | 1914         | 473,469.428600 | 2,175,571.130200 |
| 1914 - 1915 | 48°21'59"SE | 48.87                 | 1915         | 473,505.951800 | 2,175,538.665100 |
| 1915 - 1916 | 53°26'20"SE | 49.29                 | 1916         | 473,545.543100 | 2,175,509.303900 |
| 1916 - 1917 | 47°17'10"SE | 49.88                 | 1917         | 473,582.195400 | 2,175,475.466000 |
| 1917 - 1918 | 55°07'33"SE | 49.21                 | 1918         | 473,622.564800 | 2,175,447.331100 |
| 1918 - 1919 | 54°10'09"SE | 48.49                 | 1919         | 473,661.878700 | 2,175,418.945000 |
| 1919 - 1920 | 60°26'02"SE | 49.61                 | 1920         | 473,705.025900 | 2,175,394.468000 |
| 1920 - 1921 | 54°05'58"SE | 49.90                 | 1921         | 473,745.444800 | 2,175,365.209200 |
| 1921 - 1922 | 50°40'26"SE | 49.88                 | 1922         | 473,784.029300 | 2,175,333.598900 |
| 1922 - 1923 | 50°51'00"SE | 49.62                 | 1923         | 473,822.506000 | 2,175,302.274100 |
| 1923 - 1924 | 33°23'38"SE | 48.85                 | 1924         | 473,849.394000 | 2,175,261.487000 |
| 1924 - 1925 | 61°22'14"SE | 49.52                 | 1925         | 473,892.859100 | 2,175,237.760200 |
| 1925 - 1926 | 56°20'00"SE | 49.87                 | 1926         | 473,934.368400 | 2,175,210.112100 |
| 1926 - 1927 | 52°12'11"SE | 49.61                 | 1927         | 473,973.567000 | 2,175,179.709900 |
| 1927 - 1928 | 28°13'07"SE | 41.32                 | 1928         | 473,993.103700 | 2,175,143.302900 |
| 1928 - 1929 | 60°34'24"SE | 47.63                 | 1929         | 474,034.587500 | 2,175,119.902700 |
| 1929 - 1930 | 58°21'25"SE | 47.64                 | 1930         | 474,075.145700 | 2,175,094.909100 |
| 1930 - 1931 | 45°23'47"SE | 47.51                 | 1931         | 474,108.968600 | 2,175,061.551000 |
| 1931 - 1932 | 19°18'05"SW | 50.00                 | 1932         | 474,092.441600 | 2,175,014.361500 |
| 1932 - 1933 | 28°31'28"SW | 17.20                 | 1933         | 474,084.226200 | 2,174,999.246000 |
| 1933 - 1934 | 47°41'30"SE | 18.61                 | 1934         | 474,097.988900 | 2,174,986.719300 |
| 1934 - 1935 | 19°39'59"SE | 44.93                 | 1935         | 474,113.109600 | 2,174,944.410700 |
| 1935 - 1936 | 35°46'32"SE | 22.03                 | 1936         | 474,125.991200 | 2,174,926.534000 |
| 1936 - 1937 | 78°32'48"SE | 63.04                 | 1937         | 474,187.778700 | 2,174,914.015900 |
| 1937 - 1938 | 48°14'07"SE | 105.14                | 1938         | 474,266.202900 | 2,174,843.983700 |
| 1938 - 1939 | 42°02'39"SE | 80.69                 | 1939         | 474,320.243200 | 2,174,784.059000 |
| 1939 - 1940 | 48°54'56"SE | 76.36                 | 1940         | 474,377.795800 | 2,174,733.880200 |
| 1940 - 1941 | 46°46'13"SE | 79.56                 | 1941         | 474,435.762100 | 2,174,679.390000 |
| 1941 - 1942 | 47°48'38"SE | 65.76                 | 1942         | 474,484.482300 | 2,174,635.230000 |
| 1942 - 1943 | 46°17'15"SE | 63.64                 | 1943         | 474,530.482200 | 2,174,591.252700 |
| 1943 - 1944 | 52°05'52"SE | 50.29                 | 1944         | 474,570.167000 | 2,174,560.356600 |
| 1944 - 1945 | 55°01'57"SE | 21.64                 | 1945         | 474,587.898600 | 2,174,547.955800 |
| 1945 - 1946 | 35°33'13"SE | 29.95                 | 1946         | 474,605.314000 | 2,174,523.588800 |
| 1946 - 1947 | 58°26'48"SE | 29.02                 | 1947         | 474,630.040500 | 2,174,508.404800 |
| 1947 - 1948 | 27°50'00"SW | 23.91                 | 1948         | 474,618.878000 | 2,174,487.263300 |
| 1948 - 1949 | 38°15'40"SE | 24.17                 | 1949         | 474,633.845000 | 2,174,468.285500 |
| 1949 - 1950 | 56°47'33"SE | 47.44                 | 1950         | 474,673.540700 | 2,174,442.302100 |
| 1950 - 1951 | 75°57'06"SE | 53.00                 | 1951         | 474,724.955500 | 2,174,429.436900 |
| 1951 - 1952 | 51°17'30"SE | 54.31                 | 1952         | 474,767.338000 | 2,174,395.472200 |
| 1952 - 1953 | 26°31'39"SE | 37.32                 | 1953         | 474,784.007800 | 2,174,362.078200 |
| 1953 - 1954 | 44°03'45"SE | 73.67                 | 1954         | 474,835.242900 | 2,174,309.138900 |
| 1954 - 1955 | 85°04'09"SE | 41.38                 | 1955         | 474,876.474700 | 2,174,305.581900 |
| 1955 - 1956 | 36°10'05"SE | 38.40                 | 1956         | 474,899.139000 | 2,174,274.579000 |
| 1956 - 1957 | 45°42'29"SE | 71.41                 | 1957         | 474,950.252700 | 2,174,224.713300 |
| 1957 - 1958 | 46°00'05"SE | 65.56                 | 1958         | 474,997.411700 | 2,174,179.174600 |
| 1958 - 1959 | 52°24'00"SE | 39.85                 | 1959         | 475,028.981100 | 2,174,154.863100 |
| 1959 - 1960 | 44°25'08"SE | 62.09                 | 1960         | 475,072.440400 | 2,174,110.513500 |
| 1960 - 1961 | 31°26'27"SE | 43.16                 | 1961         | 475,094.951300 | 2,174,073.693900 |
| 1961 - 1962 | 50°12'21"SE | 64.98                 | 1962         | 475,144.878700 | 2,174,032.104800 |
| 1962 - 1963 | 45°06'39"SE | 56.52                 | 1963         | 475,184.921000 | 2,173,992.217400 |
| 1963 - 1964 | 28°22'07"SE | 31.43                 | 1964         | 475,199.855400 | 2,173,964.560900 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 1964 - 1965 | 40°20'41"SE | 21.86                 | 1965         | 475,214.007700 | 2,173,947.899600 |
| 1965 - 1966 | 48°28'06"SE | 123.70                | 1966         | 475,306.609700 | 2,173,865.881500 |
| 1966 - 1967 | 47°35'05"SE | 109.20                | 1967         | 475,387.227500 | 2,173,792.228000 |
| 1967 - 1968 | 48°07'03"SE | 119.90                | 1968         | 475,476.493500 | 2,173,712.183400 |
| 1968 - 1969 | 49°08'24"SE | 86.51                 | 1969         | 475,541.920700 | 2,173,655.588800 |
| 1969 - 1970 | 48°15'21"SE | 94.47                 | 1970         | 475,612.406400 | 2,173,592.690900 |
| 1970 - 1971 | 52°25'25"SE | 81.85                 | 1971         | 475,677.273200 | 2,173,542.779800 |
| 1971 - 1972 | 45°22'26"SE | 76.33                 | 1972         | 475,731.599400 | 2,173,489.158500 |
| 1972 - 1973 | 45°03'14"SE | 162.56                | 1973         | 475,846.655700 | 2,173,374.319100 |
| 1973 - 1974 | 49°40'11"SE | 116.00                | 1974         | 475,935.085300 | 2,173,299.245700 |
| 1974 - 1975 | 46°10'00"SE | 159.55                | 1975         | 476,050.180200 | 2,173,188.746000 |
| 1975 - 1976 | 46°31'03"SE | 113.54                | 1976         | 476,132.562800 | 2,173,110.616100 |
| 1976 - 1977 | 49°35'40"SE | 80.85                 | 1977         | 476,194.132000 | 2,173,058.206700 |
| 1977 - 1978 | 45°38'46"SE | 89.12                 | 1978         | 476,257.853400 | 2,172,995.906700 |
| 1978 - 1979 | 47°21'45"SE | 115.30                | 1979         | 476,342.671600 | 2,172,917.810400 |
| 1979 - 1980 | 46°00'53"SE | 158.27                | 1980         | 476,456.552900 | 2,172,807.893900 |
| 1980 - 1981 | 45°18'56"SE | 140.96                | 1981         | 476,556.775600 | 2,172,708.769200 |
| 1981 - 1982 | 45°27'54"SE | 117.53                | 1982         | 476,640.553500 | 2,172,626.340400 |
| 1982 - 1983 | 42°05'53"SE | 101.44                | 1983         | 476,708.560100 | 2,172,551.071600 |
| 1983 - 1984 | 45°34'12"SE | 77.03                 | 1984         | 476,763.570000 | 2,172,497.145800 |
| 1984 - 1985 | 50°57'29"SE | 77.30                 | 1985         | 476,823.605500 | 2,172,448.457300 |
| 1985 - 1986 | 53°59'38"SE | 72.80                 | 1986         | 476,882.499200 | 2,172,405.659100 |
| 1986 - 1987 | 56°33'38"SE | 54.67                 | 1987         | 476,928.117000 | 2,172,375.534800 |
| 1987 - 1988 | 50°24'51"SE | 86.91                 | 1988         | 476,995.099300 | 2,172,320.150200 |
| 1988 - 1989 | 04°15'47"SW | 3.54                  | 1989         | 476,994.836400 | 2,172,316.623500 |
| 1989 - 1990 | 48°05'07"SE | 70.43                 | 1990         | 477,047.243100 | 2,172,269.577500 |
| 1990 - 1991 | 52°27'44"SE | 76.36                 | 1991         | 477,107.789100 | 2,172,223.055800 |
| 1991 - 1992 | 58°14'41"SE | 76.56                 | 1992         | 477,172.886300 | 2,172,182.764300 |
| 1992 - 1993 | 61°38'54"NE | 26.61                 | 1993         | 477,196.305000 | 2,172,195.401100 |
| 1993 - 1994 | 19°05'23"SE | 41.07                 | 1994         | 477,209.735900 | 2,172,156.592500 |
| 1994 - 1995 | 53°37'00"SE | 53.25                 | 1995         | 477,252.607300 | 2,172,125.004500 |
| 1995 - 1996 | 50°54'33"SE | 42.49                 | 1996         | 477,285.587800 | 2,172,098.210800 |
| 1996 - 1997 | 43°09'12"SE | 58.65                 | 1997         | 477,325.700500 | 2,172,055.425700 |
| 1997 - 1998 | 45°07'02"SE | 42.01                 | 1998         | 477,355.463600 | 2,172,025.784300 |
| 1998 - 1999 | 54°57'30"SE | 61.16                 | 1999         | 477,405.537900 | 2,171,990.667800 |
| 1999 - 2000 | 45°44'37"SE | 42.99                 | 2000         | 477,436.331500 | 2,171,960.663400 |
| 2000 - 2001 | 46°26'33"SE | 45.21                 | 2001         | 477,469.095500 | 2,171,929.509100 |
| 2001 - 2002 | 43°38'48"SE | 70.34                 | 2002         | 477,517.648200 | 2,171,878.606900 |
| 2002 - 2003 | 51°39'39"SE | 59.37                 | 2003         | 477,564.217100 | 2,171,841.777600 |
| 2003 - 2004 | 58°39'39"SE | 64.67                 | 2004         | 477,619.454100 | 2,171,808.141300 |
| 2004 - 2005 | 41°18'38"SE | 68.30                 | 2005         | 477,664.542600 | 2,171,756.837600 |
| 2005 - 2006 | 42°40'50"SE | 68.24                 | 2006         | 477,710.801600 | 2,171,706.673500 |
| 2006 - 2007 | 68°54'51"SE | 49.82                 | 2007         | 477,757.287700 | 2,171,688.749400 |
| 2007 - 2008 | 69°25'51"SE | 39.23                 | 2008         | 477,794.014300 | 2,171,674.967400 |
| 2008 - 2009 | 53°01'49"SE | 45.58                 | 2009         | 477,830.432400 | 2,171,647.554600 |
| 2009 - 2010 | 52°21'14"SE | 85.33                 | 2010         | 477,897.997600 | 2,171,595.436200 |
| 2010 - 2011 | 85°28'49"SE | 50.55                 | 2011         | 477,948.392800 | 2,171,591.452800 |
| 2011 - 2012 | 27°56'37"SE | 25.05                 | 2012         | 477,960.131600 | 2,171,569.323000 |
| 2012 - 2013 | 43°21'14"SE | 33.54                 | 2013         | 477,983.155600 | 2,171,544.936700 |
| 2013 - 2014 | 50°05'27"SW | 56.59                 | 2014         | 477,939.747400 | 2,171,508.630200 |
| 2014 - 2015 | 30°44'28"SE | 12.67                 | 2015         | 477,946.225700 | 2,171,497.737400 |
| 2015 - 2016 | 78°17'49"SW | 32.23                 | 2016         | 477,914.668400 | 2,171,491.200500 |
| 2016 - 2017 | 66°49'54"NW | 50.62                 | 2017         | 477,868.132300 | 2,171,511.115200 |
| 2017 - 2018 | 11°11'06"SE | 18.76                 | 2018         | 477,871.770900 | 2,171,492.713700 |
| 2018 - 2019 | 53°20'57"SE | 29.60                 | 2019         | 477,895.522000 | 2,171,475.042000 |
| 2019 - 2020 | 39°18'11"SE | 34.77                 | 2020         | 477,917.543900 | 2,171,448.139500 |
| 2020 - 2021 | 56°26'22"SE | 15.52                 | 2021         | 477,930.480400 | 2,171,439.557400 |
| 2021 - 2022 | 54°38'04"SE | 18.70                 | 2022         | 477,945.727200 | 2,171,428.735900 |
| 2022 - 2023 | 20°13'52"SE | 22.79                 | 2023         | 477,953.607900 | 2,171,407.352800 |
| 2023 - 2024 | 38°38'50"SE | 21.60                 | 2024         | 477,967.100600 | 2,171,390.479400 |
| 2024 - 2025 | 13°55'44"SW | 22.85                 | 2025         | 477,961.601200 | 2,171,368.305700 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------|-------------|-----------------------|--------------|----------------|------------------|
|             |             |                       |              | X              | Y                |
| 2025 - 2026 | 80°28'16"SE | 43.44                 | 2026         | 478,004.440500 | 2,171,361.114800 |
| 2026 - 2027 | 47°38'35"SW | 22.42                 | 2027         | 477,987.875900 | 2,171,346.012100 |
| 2027 - 2028 | 30°14'08"SE | 46.90                 | 2028         | 478,011.494900 | 2,171,305.488700 |
| 2028 - 2029 | 41°20'00"SE | 66.20                 | 2029         | 478,055.213100 | 2,171,255.783700 |
| 2029 - 2030 | 50°57'14"SE | 16.46                 | 2030         | 478,067.995100 | 2,171,245.416000 |
| 2030 - 2031 | 52°38'26"SE | 19.00                 | 2031         | 478,083.094300 | 2,171,233.888800 |
| 2031 - 2032 | 41°44'36"SE | 23.81                 | 2032         | 478,098.943600 | 2,171,216.127100 |
| 2032 - 2033 | 52°42'45"SE | 11.82                 | 2033         | 478,108.346700 | 2,171,208.967100 |
| 2033 - 2034 | 52°42'42"SE | 13.41                 | 2034         | 478,119.017500 | 2,171,200.841600 |
| 2034 - 2035 | 83°10'06"SE | 15.83                 | 2035         | 478,134.731600 | 2,171,198.959000 |
| 2035 - 2036 | 89°03'46"NE | 20.12                 | 2036         | 478,154.851700 | 2,171,199.288100 |
| 2036 - 2037 | 36°12'45"SE | 19.14                 | 2037         | 478,166.159400 | 2,171,183.845300 |
| 2037 - 2038 | 17°32'24"SW | 16.90                 | 2038         | 478,161.064700 | 2,171,167.726400 |
| 2038 - 2039 | 19°47'50"SW | 25.59                 | 2039         | 478,152.396000 | 2,171,143.644800 |
| 2039 - 2040 | 32°00'45"SW | 32.48                 | 2040         | 478,135.175600 | 2,171,116.099900 |
| 2040 - 2041 | 33°58'30"SW | 18.86                 | 2041         | 478,124.636500 | 2,171,100.460400 |
| 2041 - 2042 | 54°39'48"SW | 28.39                 | 2042         | 478,101.473000 | 2,171,084.037600 |

A partir de este vértice 2042 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 77,408.43 metros hasta llegar al vértice 1.

### Zona de Amortiguamiento

#### “Punta Tehuamixtle”

(Superficie 18-85-88.84 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
|         |             |                       | 1            | 439,272.792400 | 2,238,049.694800 |
| 1 - 2   | 31°23'52"SW | 33.79                 | 2            | 439,255.186500 | 2,238,020.849200 |
| 2 - 3   | 08°33'03"SE | 30.10                 | 3            | 439,259.662300 | 2,237,991.081800 |
| 3 - 4   | 16°23'20"SE | 47.44                 | 4            | 439,273.046500 | 2,237,945.574100 |
| 4 - 5   | 49°49'39"SE | 49.37                 | 5            | 439,310.770700 | 2,237,913.725900 |
| 5 - 6   | 14°56'30"SE | 49.88                 | 6            | 439,323.630500 | 2,237,865.537000 |
| 6 - 7   | 18°23'47"SE | 49.21                 | 7            | 439,339.161400 | 2,237,818.839800 |
| 7 - 8   | 46°30'35"SE | 49.99                 | 8            | 439,375.426700 | 2,237,784.437200 |
| 8 - 9   | 75°31'27"SE | 44.13                 | 9            | 439,418.152000 | 2,237,773.407100 |
| 9 - 10  | 71°33'34"NE | 49.88                 | 10           | 439,465.474700 | 2,237,789.186300 |
| 10 - 11 | 60°03'09"SE | 47.80                 | 11           | 439,506.893500 | 2,237,765.323800 |
| 11 - 12 | 49°15'12"SE | 50.00                 | 12           | 439,544.773900 | 2,237,732.688100 |
| 12 - 13 | 76°44'06"SE | 49.22                 | 13           | 439,592.683000 | 2,237,721.394000 |
| 13 - 14 | 59°19'27"SE | 48.58                 | 14           | 439,634.465900 | 2,237,696.609100 |
| 14 - 15 | 46°45'12"SE | 49.97                 | 15           | 439,670.862400 | 2,237,662.375000 |
| 15 - 16 | 46°42'22"SE | 49.99                 | 16           | 439,707.247300 | 2,237,628.095000 |
| 16 - 17 | 55°15'46"SE | 46.30                 | 17           | 439,745.298900 | 2,237,601.710300 |
| 17 - 18 | 64°40'50"NE | 49.46                 | 18           | 439,790.004100 | 2,237,622.860900 |
| 18 - 19 | 67°01'35"NE | 49.53                 | 19           | 439,835.604200 | 2,237,642.192100 |
| 19 - 20 | 85°33'30"NE | 49.01                 | 20           | 439,884.463900 | 2,237,645.987200 |
| 20 - 21 | 81°22'17"SE | 49.44                 | 21           | 439,933.345500 | 2,237,638.569800 |
| 21 - 22 | 47°18'42"NE | 48.33                 | 22           | 439,968.869400 | 2,237,671.336800 |
| 22 - 23 | 20°28'25"NE | 49.91                 | 23           | 439,986.327800 | 2,237,718.097000 |
| 23 - 24 | 02°00'17"NW | 48.43                 | 24           | 439,984.633700 | 2,237,766.493900 |
| 24 - 25 | 02°54'52"NW | 49.71                 | 25           | 439,982.106200 | 2,237,816.137800 |
| 25 - 26 | 04°46'15"NW | 49.91                 | 26           | 439,977.955200 | 2,237,865.872900 |
| 26 - 27 | 06°08'44"NW | 50.00                 | 27           | 439,972.602500 | 2,237,915.585200 |
| 27 - 28 | 15°32'55"NE | 48.85                 | 28           | 439,985.696800 | 2,237,962.645900 |
| 28 - 29 | 47°12'17"NE | 48.34                 | 29           | 440,021.168300 | 2,237,995.487200 |
| 29 - 30 | 50°47'11"NE | 48.90                 | 30           | 440,059.052900 | 2,238,026.400000 |
| 30 - 31 | 70°47'20"NE | 46.27                 | 31           | 440,102.743000 | 2,238,041.623900 |
| 31 - 32 | 74°41'57"NE | 48.59                 | 32           | 440,149.611000 | 2,238,054.446200 |
| 32 - 33 | 80°32'50"NE | 47.96                 | 33           | 440,196.916300 | 2,238,062.322200 |
| 33 - 34 | 70°31'32"SE | 46.33                 | 34           | 440,240.597000 | 2,238,046.876100 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
| 34 - 35 | 77°25'53"SE | 48.78                 | 35           | 440,288.210200 | 2,238,036.260900 |
| 35 - 36 | 57°35'32"SE | 48.20                 | 36           | 440,328.899100 | 2,238,010.431200 |
| 36 - 37 | 45°20'45"SE | 49.94                 | 37           | 440,364.428000 | 2,237,975.328800 |
| 37 - 38 | 66°17'11"SE | 49.02                 | 38           | 440,409.308100 | 2,237,955.615300 |
| 38 - 39 | 73°57'01"SE | 46.79                 | 39           | 440,454.278500 | 2,237,942.678100 |
| 39 - 40 | 37°04'17"SE | 50.00                 | 40           | 440,484.419000 | 2,237,902.784000 |
| 40 - 41 | 62°14'11"SE | 49.94                 | 41           | 440,528.613200 | 2,237,879.519000 |
| 41 - 42 | 78°08'01"SE | 48.68                 | 42           | 440,576.252700 | 2,237,869.509100 |
| 42 - 43 | 85°33'06"SE | 49.68                 | 43           | 440,625.784200 | 2,237,865.656000 |
| 43 - 44 | 74°20'07"SE | 50.00                 | 44           | 440,673.927100 | 2,237,852.155800 |
| 44 - 45 | 75°34'23"SE | 49.99                 | 45           | 440,722.345000 | 2,237,839.700000 |
| 45 - 46 | 68°30'54"SE | 49.48                 | 46           | 440,768.386000 | 2,237,821.578000 |
| 46 - 47 | 58°56'23"SE | 49.99                 | 47           | 440,811.209400 | 2,237,795.786000 |
| 47 - 48 | 56°59'55"SE | 50.00                 | 48           | 440,853.142200 | 2,237,768.553100 |
| 48 - 49 | 56°39'51"SE | 50.00                 | 49           | 440,894.915300 | 2,237,741.075900 |
| 49 - 50 | 51°19'39"SE | 49.89                 | 50           | 440,933.866600 | 2,237,709.900900 |
| 50 - 51 | 68°23'11"SE | 47.78                 | 51           | 440,978.286200 | 2,237,692.301900 |
| 51 - 52 | 34°29'25"SE | 46.20                 | 52           | 441,004.446400 | 2,237,654.225100 |
| 52 - 53 | 52°45'54"SE | 38.11                 | 53           | 441,034.790200 | 2,237,631.163800 |
| 53 - 54 | 69°23'21"SE | 48.64                 | 54           | 441,080.318700 | 2,237,614.041100 |
| 54 - 55 | 84°34'59"SE | 50.00                 | 55           | 441,130.093700 | 2,237,609.321200 |
| 55 - 56 | 84°01'02"NE | 6.09                  | 56           | 441,136.153100 | 2,237,609.956200 |
| 56 - 57 | 84°01'02"NE | 43.47                 | 57           | 441,179.388500 | 2,237,614.487100 |
| 57 - 58 | 86°19'32"SE | 30.64                 | 58           | 441,209.968700 | 2,237,612.523400 |
| 58 - 59 | 86°19'33"SE | 14.57                 | 59           | 441,224.509700 | 2,237,611.589700 |
| 59 - 60 | 50°23'01"SE | 47.53                 | 60           | 441,261.123400 | 2,237,581.282800 |
| 60 - 61 | 53°00'25"SE | 49.99                 | 61           | 441,301.047100 | 2,237,551.205800 |
| 61 - 62 | 38°26'33"SE | 47.95                 | 62           | 441,330.859100 | 2,237,513.649900 |
| 62 - 63 | 20°17'53"SE | 42.79                 | 63           | 441,345.703900 | 2,237,473.515600 |
| 63 - 64 | 20°17'50"SE | 5.61                  | 64           | 441,347.651400 | 2,237,468.250100 |
| 64 - 65 | 32°19'52"SE | 49.99                 | 65           | 441,374.386600 | 2,237,426.010100 |
| 65 - 66 | 42°33'43"SE | 11.78                 | 66           | 441,382.357400 | 2,237,417.330400 |
| 66 - 67 | 42°33'39"SE | 9.26                  | 67           | 441,388.619700 | 2,237,410.510900 |
| 67 - 68 | 42°33'41"SE | 28.09                 | 68           | 441,407.617400 | 2,237,389.823100 |
| 68 - 69 | 54°42'44"SE | 4.65                  | 69           | 441,411.412700 | 2,237,387.137100 |
| 69 - 70 | 54°42'39"SE | 45.24                 | 70           | 441,448.338400 | 2,237,361.002900 |
| 70 - 71 | 56°06'48"SE | 69.74                 | 71           | 441,506.228900 | 2,237,322.122000 |
| 71 - 72 | 64°49'31"SE | 49.93                 | 72           | 441,551.420200 | 2,237,300.881200 |
| 72 - 73 | 56°11'11"SE | 48.95                 | 73           | 441,592.091600 | 2,237,273.640100 |
| 73 - 74 | 50°41'17"SE | 49.71                 | 74           | 441,630.550300 | 2,237,242.148800 |
| 74 - 75 | 43°36'09"SE | 50.00                 | 75           | 441,665.033000 | 2,237,205.941900 |
| 75 - 76 | 37°22'23"SE | 49.89                 | 76           | 441,695.318300 | 2,237,166.291900 |
| 76 - 77 | 20°19'22"SE | 50.00                 | 77           | 441,712.684000 | 2,237,119.404100 |
| 77 - 78 | 46°33'33"SE | 49.20                 | 78           | 441,748.406700 | 2,237,085.574800 |
| 78 - 79 | 41°18'23"SE | 35.15                 | 79           | 441,771.612100 | 2,237,059.166800 |
| 79 - 80 | 41°18'29"SE | 0.51                  | 80           | 441,771.949900 | 2,237,058.782400 |
| 80 - 81 | 41°18'23"SE | 14.31                 | 81           | 441,781.397400 | 2,237,048.031000 |
| 81 - 82 | 38°23'01"SE | 49.98                 | 82           | 441,812.431500 | 2,237,008.852900 |
| 82 - 83 | 33°21'06"SE | 49.98                 | 83           | 441,839.908900 | 2,236,967.104900 |
| 83 - 84 | 23°03'51"SE | 49.64                 | 84           | 441,859.355600 | 2,236,921.434000 |
| 84 - 85 | 52°29'18"SE | 48.35                 | 85           | 441,897.704400 | 2,236,891.995700 |
| 85 - 86 | 46°21'18"SE | 49.18                 | 86           | 441,933.293000 | 2,236,858.052100 |
| 86 - 87 | 33°16'00"SE | 49.57                 | 87           | 441,960.484900 | 2,236,816.604100 |
| 87 - 88 | 22°51'34"SE | 49.91                 | 88           | 441,979.874900 | 2,236,770.610900 |
| 88 - 89 | 34°36'20"SE | 49.85                 | 89           | 442,008.185500 | 2,236,729.581000 |
| 89 - 90 | 36°58'43"SE | 48.71                 | 90           | 442,037.487000 | 2,236,690.666700 |
| 90 - 91 | 16°49'51"SE | 49.99                 | 91           | 442,051.960600 | 2,236,642.821200 |
| 91 - 92 | 25°28'45"SE | 49.71                 | 92           | 442,073.346600 | 2,236,597.942800 |
| 92 - 93 | 26°28'05"SE | 49.28                 | 93           | 442,095.309800 | 2,236,553.829900 |
| 93 - 94 | 61°21'59"SW | 99.46                 | 94           | 442,008.012419 | 2,236,506.167810 |

A partir de este vértice 94 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 3,140.69 metros hasta llegar al vértice 1.

**Zona de Amortiguamiento**  
**“Punta La Boquita”**  
**(Superficie 5-53-16.74 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
| 1 - 2   | 11°52'14"SE | 32.85                 | 1            | 443,335.096600 | 2,232,148.151600 |
| 2 - 3   | 12°46'27"SE | 49.98                 | 2            | 443,341.853900 | 2,232,116.004200 |
| 3 - 4   | 04°58'21"SW | 46.94                 | 3            | 443,352.904100 | 2,232,067.265800 |
| 4 - 5   | 19°51'56"SW | 44.25                 | 4            | 443,348.835100 | 2,232,020.501000 |
| 5 - 6   | 17°16'20"SE | 47.70                 | 5            | 443,333.796600 | 2,231,978.879800 |
| 6 - 7   | 20°36'12"SE | 47.77                 | 6            | 443,347.960000 | 2,231,933.328800 |
| 7 - 8   | 42°00'18"SW | 37.47                 | 7            | 443,364.771100 | 2,231,888.612000 |
| 8 - 9   | 01°51'15"SE | 49.75                 | 8            | 443,339.697500 | 2,231,860.769900 |
| 9 - 10  | 05°18'27"SE | 13.77                 | 9            | 443,341.307300 | 2,231,811.048900 |
| 10 - 11 | 05°18'27"SE | 21.19                 | 10           | 443,342.580700 | 2,231,797.342000 |
| 11 - 12 | 05°18'28"SE | 13.90                 | 11           | 443,344.541100 | 2,231,776.240300 |
| 12 - 13 | 05°44'56"SE | 49.94                 | 12           | 443,345.827300 | 2,231,762.396000 |
| 13 - 14 | 28°07'39"SW | 48.85                 | 13           | 443,350.829800 | 2,231,712.707200 |
| 14 - 15 | 29°00'36"SW | 49.58                 | 14           | 443,327.801100 | 2,231,669.628100 |
| 15 - 16 | 12°40'05"SW | 50.00                 | 15           | 443,303.758100 | 2,231,626.271300 |
| 16 - 17 | 12°40'04"SW | 50.00                 | 16           | 443,292.792900 | 2,231,577.488800 |
| 17 - 18 | 12°40'05"SW | 50.00                 | 17           | 443,281.827800 | 2,231,528.705800 |
| 18 - 19 | 75°12'48"NW | 99.86                 | 18           | 443,270.862600 | 2,231,479.922900 |
|         |             |                       | 19           | 443,174.307800 | 2,231,505.409600 |

A partir de este vértice 19 se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 629.17 metros hasta llegar al vértice 20.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 20 | 443,258.328100 | 2,232,128.949300 |
| 20 - 1 | 75°57'23"NE | 79.13 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Punta Las Peñitas”**  
**(Superficie 60-72-57.00 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
| 1 - 2   | 08°58'20"SW | 16.26                 | 1            | 442,769.580500 | 2,226,817.463800 |
| 2 - 3   | 11°07'28"SW | 49.89                 | 2            | 442,767.044600 | 2,226,801.402800 |
| 3 - 4   | 08°19'32"SE | 49.39                 | 3            | 442,757.419500 | 2,226,752.454200 |
| 4 - 5   | 03°43'47"SE | 49.21                 | 4            | 442,764.571500 | 2,226,703.582900 |
| 5 - 6   | 16°02'04"SE | 50.00                 | 5            | 442,767.772800 | 2,226,654.475800 |
| 6 - 7   | 19°23'24"SE | 49.88                 | 6            | 442,781.583800 | 2,226,606.421000 |
| 7 - 8   | 23°57'45"SE | 50.00                 | 7            | 442,798.145000 | 2,226,559.367100 |
| 8 - 9   | 02°05'14"SE | 48.76                 | 8            | 442,818.452000 | 2,226,513.676800 |
| 9 - 10  | 02°05'14"SE | 48.76                 | 9            | 442,820.228000 | 2,226,464.947000 |
| 10 - 11 | 11°35'14"SE | 49.93                 | 10           | 442,830.257800 | 2,226,416.031200 |
| 11 - 12 | 03°13'40"SW | 49.99                 | 11           | 442,827.443200 | 2,226,366.124000 |
| 12 - 13 | 11°19'37"SE | 49.21                 | 12           | 442,837.108900 | 2,226,317.870100 |
| 13 - 14 | 13°19'23"SE | 48.17                 | 13           | 442,848.210400 | 2,226,270.992200 |
| 14 - 15 | 09°16'35"SW | 50.00                 | 14           | 442,840.150500 | 2,226,221.646100 |
| 15 - 16 | 09°06'39"SW | 49.99                 | 15           | 442,832.234900 | 2,226,172.288300 |
| 16 - 17 | 09°18'02"SW | 8.46                  | 16           | 442,830.867900 | 2,226,163.941100 |
| 17 - 18 | 09°18'02"SW | 41.02                 | 17           | 442,824.239300 | 2,226,123.465200 |
| 18 - 19 | 02°02'42"SE | 46.07                 | 18           | 442,825.883500 | 2,226,077.423000 |
| 19 - 20 | 02°02'37"SE | 3.93                  | 19           | 442,826.023600 | 2,226,073.497000 |
| 20 - 21 | 07°49'00"SE | 49.91                 | 20           | 442,832.811700 | 2,226,024.050100 |
| 21 - 22 | 06°22'26"SE | 49.51                 | 21           | 442,838.307900 | 2,225,974.849000 |
| 22 - 23 | 04°49'56"SE | 49.53                 | 22           | 442,842.480100 | 2,225,925.497200 |
| 23 - 24 | 01°04'57"SE | 49.74                 | 23           | 442,843.419800 | 2,225,875.766200 |
|         | 02°29'56"SW | 50.00                 | 24           | 442,841.239700 | 2,225,825.814000 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
| 24 - 25 | 01°32'23"SW | 49.74                 | 25           | 442,839.903000 | 2,225,776.089800 |
| 25 - 26 | 02°48'12"SW | 49.95                 | 26           | 442,837.459700 | 2,225,726.197100 |
| 26 - 27 | 08°14'01"SW | 38.54                 | 27           | 442,831.939800 | 2,225,688.050600 |
| 27 - 28 | 08°14'02"SW | 11.08                 | 28           | 442,830.352400 | 2,225,677.081000 |
| 28 - 29 | 04°17'13"SE | 9.59                  | 29           | 442,831.069100 | 2,225,667.520600 |
| 29 - 30 | 04°17'16"SE | 40.34                 | 30           | 442,834.085400 | 2,225,627.292100 |
| 30 - 31 | 12°58'55"SE | 49.54                 | 31           | 442,845.213900 | 2,225,579.020200 |
| 31 - 32 | 15°27'34"SE | 49.65                 | 32           | 442,858.449600 | 2,225,531.162900 |
| 32 - 33 | 15°19'00"SE | 49.94                 | 33           | 442,871.642300 | 2,225,482.993900 |
| 33 - 34 | 15°46'01"SE | 49.94                 | 34           | 442,885.212400 | 2,225,434.932900 |
| 34 - 35 | 24°56'25"SE | 49.30                 | 35           | 442,906.001100 | 2,225,390.230100 |
| 35 - 36 | 11°00'02"SE | 49.92                 | 36           | 442,915.527200 | 2,225,341.225200 |
| 36 - 37 | 14°38'29"SE | 49.96                 | 37           | 442,928.156300 | 2,225,292.884900 |
| 37 - 38 | 17°33'52"SE | 49.83                 | 38           | 442,943.194200 | 2,225,245.377800 |
| 38 - 39 | 14°28'15"SE | 49.98                 | 39           | 442,955.684200 | 2,225,196.981200 |
| 39 - 40 | 13°50'20"SE | 49.94                 | 40           | 442,967.630000 | 2,225,148.489100 |
| 40 - 41 | 05°36'53"SE | 49.83                 | 41           | 442,972.505700 | 2,225,098.896200 |
| 41 - 42 | 04°08'29"SE | 49.97                 | 42           | 442,976.115000 | 2,225,049.051900 |
| 42 - 43 | 02°36'42"SE | 49.98                 | 43           | 442,978.392800 | 2,224,999.120100 |
| 43 - 44 | 07°47'04"SE | 49.86                 | 44           | 442,985.146000 | 2,224,949.721100 |
| 44 - 45 | 09°40'42"SE | 49.86                 | 45           | 442,993.527600 | 2,224,900.575200 |
| 45 - 46 | 01°59'50"SE | 49.73                 | 46           | 442,995.260900 | 2,224,850.874900 |
| 46 - 47 | 02°31'21"SE | 49.86                 | 47           | 442,997.455400 | 2,224,801.062200 |
| 47 - 48 | 07°27'25"SE | 49.71                 | 48           | 443,003.907600 | 2,224,751.767800 |
| 48 - 49 | 07°07'08"SE | 49.49                 | 49           | 443,010.041000 | 2,224,702.658200 |
| 49 - 50 | 00°18'01"SW | 49.82                 | 50           | 443,009.779900 | 2,224,652.841200 |
| 50 - 51 | 06°37'57"SE | 50.00                 | 51           | 443,015.555000 | 2,224,603.176200 |
| 51 - 52 | 02°40'01"SE | 49.78                 | 52           | 443,017.871300 | 2,224,553.451900 |
| 52 - 53 | 05°59'51"SE | 49.80                 | 53           | 443,023.074300 | 2,224,503.928200 |
| 53 - 54 | 00°08'25"SW | 20.76                 | 54           | 443,023.023400 | 2,224,483.168900 |
| 54 - 55 | 00°08'25"SW | 6.69                  | 55           | 443,023.007000 | 2,224,476.475900 |
| 55 - 56 | 00°08'25"SW | 22.34                 | 56           | 443,022.952200 | 2,224,454.131800 |
| 56 - 57 | 05°53'29"SE | 49.82                 | 57           | 443,028.066200 | 2,224,404.573800 |
| 57 - 58 | 06°19'40"SE | 49.99                 | 58           | 443,033.576100 | 2,224,354.887300 |
| 58 - 59 | 03°22'05"SE | 49.96                 | 59           | 443,036.511000 | 2,224,305.017900 |
| 59 - 60 | 07°32'47"SE | 29.71                 | 60           | 443,040.413000 | 2,224,275.563600 |
| 60 - 61 | 07°32'47"SE | 7.16                  | 61           | 443,041.352900 | 2,224,268.468900 |
| 61 - 62 | 07°32'47"SE | 13.12                 | 62           | 443,043.075400 | 2,224,255.466800 |
| 62 - 63 | 01°49'02"SE | 9.13                  | 63           | 443,043.364900 | 2,224,246.342700 |
| 63 - 64 | 01°49'04"SE | 37.66                 | 64           | 443,044.559400 | 2,224,208.705800 |
| 64 - 65 | 01°49'05"SE | 3.19                  | 65           | 443,044.660600 | 2,224,205.517800 |
| 65 - 66 | 05°21'23"SE | 46.35                 | 66           | 443,048.987800 | 2,224,159.367100 |
| 66 - 67 | 05°21'27"SE | 3.59                  | 67           | 443,049.322600 | 2,224,155.797200 |
| 67 - 68 | 00°11'26"SW | 49.37                 | 68           | 443,049.158300 | 2,224,106.426300 |
| 68 - 69 | 15°12'21"SE | 7.37                  | 69           | 443,051.091900 | 2,224,099.312400 |
| 69 - 70 | 15°12'25"SE | 40.02                 | 70           | 443,061.588800 | 2,224,060.695900 |
| 70 - 71 | 02°09'12"SW | 49.79                 | 71           | 443,059.717900 | 2,224,010.942000 |
| 71 - 72 | 04°08'32"SW | 49.75                 | 72           | 443,056.124100 | 2,223,961.319800 |
| 72 - 73 | 01°16'42"SW | 49.93                 | 73           | 443,055.010100 | 2,223,911.405100 |
| 73 - 74 | 05°52'10"SW | 5.52                  | 74           | 443,054.445800 | 2,223,905.915900 |
| 74 - 75 | 05°52'11"SW | 43.70                 | 75           | 443,049.977100 | 2,223,862.448800 |
| 75 - 76 | 04°03'32"SE | 49.80                 | 76           | 443,053.502200 | 2,223,812.774200 |
| 76 - 77 | 02°21'42"SW | 49.88                 | 77           | 443,051.446600 | 2,223,762.937300 |
| 77 - 78 | 04°39'00"SW | 49.91                 | 78           | 443,047.400500 | 2,223,713.194800 |
| 78 - 79 | 00°48'41"SE | 49.84                 | 79           | 443,048.106500 | 2,223,663.359900 |
| 79 - 80 | 03°47'58"SW | 49.91                 | 80           | 443,044.799000 | 2,223,613.557800 |
| 80 - 81 | 02°03'58"SW | 49.99                 | 81           | 443,042.996400 | 2,223,563.595700 |
| 81 - 82 | 02°24'53"SW | 2.69                  | 82           | 443,042.883100 | 2,223,560.909200 |
| 82 - 83 | 02°24'54"SW | 47.31                 | 83           | 443,040.889500 | 2,223,513.640100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 83 - 84   | 02°24'53"SW | 22.80                 | 84           | 443,039.929000 | 2,223,490.864600 |
| 84 - 85   | 02°24'54"SW | 27.20                 | 85           | 443,038.782600 | 2,223,463.684700 |
| 85 - 86   | 02°24'54"SW | 50.00                 | 86           | 443,036.675700 | 2,223,413.729000 |
| 86 - 87   | 02°18'36"SW | 50.00                 | 87           | 443,034.660500 | 2,223,363.773900 |
| 87 - 88   | 01°44'31"SW | 49.75                 | 88           | 443,033.148200 | 2,223,314.049100 |
| 88 - 89   | 00°02'10"SE | 49.68                 | 89           | 443,033.179700 | 2,223,264.370100 |
| 89 - 90   | 00°37'26"SW | 49.93                 | 90           | 443,032.636000 | 2,223,214.447200 |
| 90 - 91   | 01°56'34"SW | 49.94                 | 91           | 443,030.942900 | 2,223,164.534800 |
| 91 - 92   | 02°26'46"SE | 48.79                 | 92           | 443,033.025500 | 2,223,115.784800 |
| 92 - 93   | 01°02'33"SW | 49.97                 | 93           | 443,032.116400 | 2,223,065.827200 |
| 93 - 94   | 00°24'29"SE | 31.70                 | 94           | 443,032.342200 | 2,223,034.123800 |
| 94 - 95   | 00°24'28"SE | 18.29                 | 95           | 443,032.472400 | 2,223,015.834100 |
| 95 - 96   | 06°45'44"SW | 28.64                 | 96           | 443,029.099400 | 2,222,987.388800 |
| 96 - 97   | 06°45'43"SW | 21.18                 | 97           | 443,026.605000 | 2,222,966.351800 |
| 97 - 98   | 05°08'47"SW | 49.89                 | 98           | 443,022.130100 | 2,222,916.667200 |
| 98 - 99   | 06°57'52"SW | 11.99                 | 99           | 443,020.676400 | 2,222,904.766800 |
| 99 - 100  | 06°57'50"SW | 37.91                 | 100          | 443,016.079800 | 2,222,867.135800 |
| 100 - 101 | 01°25'57"SE | 49.38                 | 101          | 443,017.314300 | 2,222,817.770200 |
| 101 - 102 | 07°12'59"SW | 39.41                 | 102          | 443,012.363700 | 2,222,778.672500 |
| 102 - 103 | 07°13'00"SW | 10.58                 | 103          | 443,011.034200 | 2,222,768.173100 |
| 103 - 104 | 18°02'35"SW | 49.67                 | 104          | 442,995.649900 | 2,222,720.945900 |
| 104 - 105 | 30°08'34"SW | 48.75                 | 105          | 442,971.170600 | 2,222,678.789900 |
| 105 - 106 | 27°20'04"SW | 49.01                 | 106          | 442,948.664200 | 2,222,635.249000 |
| 106 - 107 | 42°27'22"SW | 48.74                 | 107          | 442,915.760600 | 2,222,599.286000 |
| 107 - 108 | 45°19'42"SW | 49.82                 | 108          | 442,880.332900 | 2,222,564.262200 |
| 108 - 109 | 43°12'07"SW | 49.94                 | 109          | 442,846.143400 | 2,222,527.856800 |
| 109 - 110 | 50°32'11"SW | 14.08                 | 110          | 442,835.269800 | 2,222,518.904900 |
| 110 - 111 | 50°32'11"SW | 12.30                 | 111          | 442,825.776300 | 2,222,511.089200 |
| 111 - 112 | 50°32'13"SW | 23.57                 | 112          | 442,807.578600 | 2,222,496.107900 |
| 112 - 113 | 72°12'13"SW | 49.67                 | 113          | 442,760.284400 | 2,222,480.926700 |
| 113 - 114 | 86°52'40"SW | 5.85                  | 114          | 442,754.446800 | 2,222,480.608300 |
| 114 - 115 | 86°52'38"SW | 43.12                 | 115          | 442,711.386300 | 2,222,478.259200 |
| 115 - 116 | 73°55'31"SW | 16.39                 | 116          | 442,695.641300 | 2,222,473.722200 |
| 116 - 117 | 73°55'32"SW | 23.48                 | 117          | 442,673.082200 | 2,222,467.221800 |
| 117 - 118 | 52°06'46"SW | 17.00                 | 118          | 442,659.663100 | 2,222,456.780200 |
| 118 - 119 | 52°06'48"SW | 23.70                 | 119          | 442,640.960600 | 2,222,442.227800 |
| 119 - 120 | 01°05'42"SW | 49.57                 | 120          | 442,640.013000 | 2,222,392.662200 |
| 120 - 121 | 01°01'53"SE | 47.04                 | 121          | 442,640.859800 | 2,222,345.628800 |
| 121 - 122 | 14°01'45"SE | 49.39                 | 122          | 442,652.832900 | 2,222,297.711800 |
| 122 - 123 | 00°13'51"SE | 49.96                 | 123          | 442,653.034300 | 2,222,247.753200 |
| 123 - 124 | 00°09'34"SE | 49.99                 | 124          | 442,653.173600 | 2,222,197.767200 |
| 124 - 125 | 11°29'37"SW | 49.78                 | 125          | 442,643.254600 | 2,222,148.986800 |
| 125 - 126 | 23°25'59"SW | 6.97                  | 126          | 442,640.484500 | 2,222,142.595600 |
| 126 - 127 | 23°26'03"SW | 23.00                 | 127          | 442,631.339000 | 2,222,121.496300 |
| 127 - 128 | 23°26'02"SW | 19.88                 | 128          | 442,623.431900 | 2,222,103.253800 |
| 128 - 129 | 39°00'38"SW | 12.97                 | 129          | 442,615.266600 | 2,222,093.174300 |
| 129 - 130 | 39°00'47"SW | 1.69                  | 130          | 442,614.203500 | 2,222,091.862100 |
| 130 - 131 | 39°00'38"SW | 33.50                 | 131          | 442,593.116000 | 2,222,065.831100 |
| 131 - 132 | 22°01'02"SE | 34.20                 | 132          | 442,605.938500 | 2,222,034.121800 |
| 132 - 133 | 83°27'21"NE | 49.17                 | 133          | 442,654.790800 | 2,222,039.725800 |
| 133 - 134 | 73°16'02"NE | 25.87                 | 134          | 442,679.566500 | 2,222,047.174200 |
| 134 - 135 | 73°16'00"NE | 24.11                 | 135          | 442,702.655500 | 2,222,054.115800 |
| 135 - 136 | 64°43'41"SE | 46.95                 | 136          | 442,745.112800 | 2,222,034.071900 |
| 136 - 137 | 60°19'00"SE | 49.93                 | 137          | 442,788.491100 | 2,222,009.346300 |
| 137 - 138 | 45°00'21"SE | 49.74                 | 138          | 442,823.668800 | 2,221,974.175800 |
| 138 - 139 | 31°07'16"SE | 49.66                 | 139          | 442,849.336900 | 2,221,931.660900 |
| 139 - 140 | 35°59'41"SE | 49.71                 | 140          | 442,878.553500 | 2,221,891.440100 |
| 140 - 141 | 31°23'34"SE | 26.97                 | 141          | 442,892.602600 | 2,221,868.417600 |
| 141 - 142 | 31°23'33"SE | 22.44                 | 142          | 442,904.292900 | 2,221,849.260200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 142 - 143 | 32°28'44"SE | 2.82                  | 143          | 442,905.804600 | 2,221,846.885400 |
| 143 - 144 | 32°28'40"SE | 43.58                 | 144          | 442,929.206000 | 2,221,810.121200 |
| 144 - 145 | 40°05'16"SE | 48.99                 | 145          | 442,960.752200 | 2,221,772.642800 |
| 145 - 146 | 56°12'35"SE | 3.46                  | 146          | 442,963.627000 | 2,221,770.719000 |
| 146 - 147 | 56°12'40"SE | 45.92                 | 147          | 443,001.790500 | 2,221,745.181500 |
| 147 - 148 | 56°12'55"SE | 0.61                  | 148          | 443,002.293600 | 2,221,744.844900 |
| 148 - 149 | 50°01'25"SE | 48.73                 | 149          | 443,039.632600 | 2,221,713.540200 |
| 149 - 150 | 34°02'04"SE | 49.75                 | 150          | 443,067.475400 | 2,221,672.315100 |
| 150 - 151 | 35°54'12"SE | 48.68                 | 151          | 443,096.021600 | 2,221,632.885200 |
| 151 - 152 | 06°11'15"SE | 49.80                 | 152          | 443,101.389000 | 2,221,583.377200 |
| 152 - 153 | 14°35'59"SE | 24.59                 | 153          | 443,107.588200 | 2,221,559.577800 |
| 153 - 154 | 14°36'00"SE | 17.76                 | 154          | 443,112.066200 | 2,221,542.386700 |
| 154 - 155 | 14°36'01"SE | 7.33                  | 155          | 443,113.913300 | 2,221,535.295800 |
| 155 - 156 | 18°41'03"SE | 25.45                 | 156          | 443,122.067700 | 2,221,511.182800 |
| 156 - 157 | 18°41'02"SE | 24.02                 | 157          | 443,129.761700 | 2,221,488.431000 |
| 157 - 158 | 45°26'58"SE | 40.56                 | 158          | 443,158.664400 | 2,221,459.978300 |
| 158 - 159 | 45°26'53"SE | 5.85                  | 159          | 443,162.832400 | 2,221,455.875000 |
| 159 - 160 | 46°44'54"SE | 41.51                 | 160          | 443,193.065600 | 2,221,427.433000 |
| 160 - 161 | 37°00'57"SE | 48.23                 | 161          | 443,222.103600 | 2,221,388.920700 |
| 161 - 162 | 17°50'26"SE | 49.90                 | 162          | 443,237.391500 | 2,221,341.420200 |
| 162 - 163 | 12°08'06"SE | 49.57                 | 163          | 443,247.811300 | 2,221,292.960900 |
| 163 - 164 | 21°14'19"SE | 49.91                 | 164          | 443,265.890400 | 2,221,246.443300 |
| 164 - 165 | 14°24'19"SE | 49.23                 | 165          | 443,278.136900 | 2,221,198.765100 |
| 165 - 166 | 24°48'07"SE | 49.96                 | 166          | 443,299.094800 | 2,221,153.412200 |
| 166 - 167 | 37°02'14"SE | 42.68                 | 167          | 443,324.800800 | 2,221,119.345300 |
| 167 - 168 | 37°02'11"SE | 4.04                  | 168          | 443,327.232800 | 2,221,116.122200 |
| 168 - 169 | 30°04'34"SE | 46.42                 | 169          | 443,350.495900 | 2,221,075.952800 |
| 169 - 170 | 27°25'30"SE | 49.83                 | 170          | 443,373.448300 | 2,221,031.720800 |
| 170 - 171 | 28°04'43"SE | 49.92                 | 171          | 443,396.945000 | 2,220,987.676000 |
| 171 - 172 | 29°21'18"SE | 49.99                 | 172          | 443,421.451900 | 2,220,944.103700 |
| 172 - 173 | 36°50'23"SE | 49.89                 | 173          | 443,451.363300 | 2,220,904.178100 |
| 173 - 174 | 30°25'42"SE | 11.40                 | 174          | 443,457.137600 | 2,220,894.347200 |
| 174 - 175 | 30°25'44"SE | 38.20                 | 175          | 443,476.484000 | 2,220,861.410300 |
| 175 - 176 | 09°37'58"SE | 23.54                 | 176          | 443,480.423300 | 2,220,838.201100 |
| 176 - 177 | 09°37'59"SE | 26.32                 | 177          | 443,484.828400 | 2,220,812.248000 |
| 177 - 178 | 11°49'44"SE | 48.71                 | 178          | 443,494.813300 | 2,220,764.574100 |
| 178 - 179 | 28°38'13"SE | 49.31                 | 179          | 443,518.445700 | 2,220,721.295900 |
| 179 - 180 | 04°26'57"SW | 49.03                 | 180          | 443,514.642300 | 2,220,672.417100 |
| 180 - 181 | 38°39'57"SE | 48.61                 | 181          | 443,545.012600 | 2,220,634.462600 |
| 181 - 182 | 22°48'12"SE | 49.98                 | 182          | 443,564.383800 | 2,220,588.388000 |
| 182 - 183 | 19°58'18"SE | 50.00                 | 183          | 443,581.461700 | 2,220,541.395100 |
| 183 - 184 | 32°42'25"SE | 48.54                 | 184          | 443,607.687700 | 2,220,500.555000 |
| 184 - 185 | 33°22'10"SE | 49.28                 | 185          | 443,634.795100 | 2,220,459.396900 |
| 185 - 186 | 42°25'51"SE | 31.35                 | 186          | 443,655.946600 | 2,220,436.258200 |
| 186 - 187 | 42°25'51"SE | 16.58                 | 187          | 443,667.131200 | 2,220,424.022800 |
| 187 - 188 | 23°55'59"SE | 47.89                 | 188          | 443,686.558300 | 2,220,380.251800 |
| 188 - 189 | 08°56'22"SE | 22.34                 | 189          | 443,690.029200 | 2,220,358.187100 |
| 189 - 190 | 08°56'23"SE | 27.43                 | 190          | 443,694.291000 | 2,220,331.094900 |
| 190 - 191 | 26°09'48"SE | 28.63                 | 191          | 443,706.916800 | 2,220,305.394500 |
| 191 - 192 | 26°09'47"SE | 20.33                 | 192          | 443,715.881600 | 2,220,287.146100 |
| 192 - 193 | 33°12'01"SE | 23.05                 | 193          | 443,728.503200 | 2,220,267.858500 |
| 193 - 194 | 33°12'00"SE | 16.63                 | 194          | 443,737.606700 | 2,220,253.946900 |
| 194 - 195 | 33°12'03"SE | 6.37                  | 195          | 443,741.097500 | 2,220,248.612600 |
| 195 - 196 | 66°55'16"SW | 92.66                 | 196          | 443,655.849704 | 2,220,212.288900 |

A partir de este vértice 196 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 6,672.99 metros hasta llegar al vértice 197.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 197 | 442,706.310217 | 2,226,817.375400 |
| 197 - 1 | 89°55'11"NE | 63.27 | 1   |                |                  |



**Zona de Amortiguamiento**  
**“Boca Estero El Ermitaño”**  
**(Superficie 12-32-18.93 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
|         |             |                    | 1            | 448,187.258600 | 2,211,293.710500 |
| 1 - 2   | 32°11'13"SE | 37.92              | 2            | 448,207.456400 | 2,211,261.621000 |
| 2 - 3   | 16°17'56"SE | 27.02              | 3            | 448,215.040000 | 2,211,235.685400 |
| 3 - 4   | 16°17'55"SE | 22.91              | 4            | 448,221.469600 | 2,211,213.696000 |
| 4 - 5   | 18°32'20"SE | 49.37              | 5            | 448,237.168100 | 2,211,166.884300 |
| 5 - 6   | 39°35'52"SE | 13.88              | 6            | 448,246.017500 | 2,211,156.186400 |
| 6 - 7   | 39°35'52"SE | 33.85              | 7            | 448,267.590800 | 2,211,130.106800 |
| 7 - 8   | 39°36'01"SE | 2.01               | 8            | 448,268.871100 | 2,211,128.559200 |
| 8 - 9   | 26°40'25"SE | 49.99              | 9            | 448,291.312200 | 2,211,083.888900 |
| 9 - 10  | 15°01'46"SE | 49.29              | 10           | 448,304.093900 | 2,211,036.285700 |
| 10 - 11 | 29°18'39"SE | 49.71              | 11           | 448,328.427400 | 2,210,992.943300 |
| 11 - 12 | 29°59'10"SE | 50.00              | 12           | 448,353.416900 | 2,210,949.636100 |
| 12 - 13 | 32°14'51"SE | 49.98              | 13           | 448,380.085800 | 2,210,907.364700 |
| 13 - 14 | 33°41'01"SE | 49.99              | 14           | 448,407.811500 | 2,210,865.766200 |
| 14 - 15 | 39°24'27"SE | 49.93              | 15           | 448,439.510800 | 2,210,827.185200 |
| 15 - 16 | 44°51'19"SE | 22.51              | 16           | 448,455.389400 | 2,210,811.226300 |
| 16 - 17 | 44°51'19"SE | 27.40              | 17           | 448,474.711800 | 2,210,791.806100 |
| 17 - 18 | 46°40'06"SE | 49.98              | 18           | 448,511.067800 | 2,210,757.508100 |
| 18 - 19 | 19°28'34"SE | 49.65              | 19           | 448,527.623400 | 2,210,710.695100 |
| 19 - 20 | 40°16'09"SE | 48.47              | 20           | 448,558.954900 | 2,210,673.710100 |
| 20 - 21 | 37°51'57"SE | 49.43              | 21           | 448,589.293800 | 2,210,634.690100 |
| 21 - 22 | 20°01'14"SE | 18.30              | 22           | 448,595.560500 | 2,210,617.491800 |
| 22 - 23 | 20°01'13"SE | 29.41              | 23           | 448,605.630200 | 2,210,589.856200 |
| 23 - 24 | 32°59'58"SE | 49.51              | 24           | 448,632.595500 | 2,210,548.332700 |
| 24 - 25 | 35°30'42"SE | 49.98              | 25           | 448,661.628000 | 2,210,507.648300 |
| 25 - 26 | 31°20'10"SE | 49.93              | 26           | 448,687.593600 | 2,210,465.003100 |
| 26 - 27 | 28°38'49"SE | 49.96              | 27           | 448,711.544300 | 2,210,421.160000 |
| 27 - 28 | 31°09'57"SE | 49.98              | 28           | 448,737.407600 | 2,210,378.397300 |
| 28 - 29 | 13°47'38"SE | 49.18              | 29           | 448,749.133600 | 2,210,330.635700 |
| 29 - 30 | 33°09'27"SE | 49.63              | 30           | 448,776.279300 | 2,210,289.085600 |
| 30 - 31 | 65°11'26"SE | 47.55              | 31           | 448,819.443600 | 2,210,269.132300 |
| 31 - 32 | 50°06'38"SE | 25.26              | 32           | 448,838.825300 | 2,210,252.932800 |
| 32 - 33 | 50°06'39"SE | 22.99              | 33           | 448,856.464400 | 2,210,238.190000 |
| 33 - 34 | 55°20'36"SE | 49.28              | 34           | 448,897.003000 | 2,210,210.165200 |
| 34 - 35 | 59°29'11"SE | 47.98              | 35           | 448,938.334200 | 2,210,185.806100 |
| 35 - 36 | 36°45'34"SE | 49.82              | 36           | 448,968.151400 | 2,210,145.889800 |
| 36 - 37 | 25°34'47"SE | 49.50              | 37           | 448,989.525600 | 2,210,101.238100 |
| 37 - 38 | 18°20'53"SE | 11.58              | 38           | 448,993.171200 | 2,210,090.245900 |
| 38 - 39 | 18°20'52"SE | 38.16              | 39           | 449,005.182100 | 2,210,054.029900 |
| 39 - 40 | 30°08'28"SE | 50.00              | 40           | 449,030.288800 | 2,210,010.790200 |
| 40 - 41 | 32°55'22"SE | 49.98              | 41           | 449,057.455500 | 2,209,968.833900 |
| 41 - 42 | 35°31'43"SE | 49.99              | 42           | 449,086.507100 | 2,209,928.148200 |
| 42 - 43 | 41°00'43"SE | 49.92              | 43           | 449,119.267900 | 2,209,890.477200 |
| 43 - 44 | 11°09'27"SE | 48.42              | 44           | 449,128.637900 | 2,209,842.970900 |
| 44 - 45 | 03°20'15"SE | 36.39              | 45           | 449,130.756200 | 2,209,806.646700 |
| 45 - 46 | 03°20'15"SE | 12.25              | 46           | 449,131.469100 | 2,209,794.422300 |
| 46 - 47 | 57°28'14"SW | 41.85              | 47           | 449,096.185619 | 2,209,771.918910 |

A partir de este vértice 47 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia de 1,766.54 metros hasta llegar al vértice 48.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 48 | 448,125.515900 | 2,211,247.883300 |
| 48 - 1 | 53°24'58"NE | 76.89 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Mariano Otero”**  
**(Superficie 12-32-61.29 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
|         |             |                    | 1            | 453,594.598500 | 2,203,561.060870 |
| 1 - 2   | 26°34'24"SE | 35.99              | 2            | 453,610.699000 | 2,203,528.871770 |
| 2 - 3   | 26°34'18"SE | 4.46               | 3            | 453,612.694800 | 2,203,524.881370 |
| 3 - 4   | 32°36'35"SE | 49.96              | 4            | 453,639.617200 | 2,203,482.800070 |
| 4 - 5   | 37°54'19"SE | 49.95              | 5            | 453,670.303000 | 2,203,443.389970 |
| 5 - 6   | 40°52'10"SE | 49.93              | 6            | 453,702.974200 | 2,203,405.632770 |
| 6 - 7   | 37°51'37"SE | 49.78              | 7            | 453,733.525300 | 2,203,366.332270 |
| 7 - 8   | 41°19'06"SE | 49.90              | 8            | 453,766.471900 | 2,203,328.854370 |
| 8 - 9   | 44°31'37"SE | 49.60              | 9            | 453,801.257100 | 2,203,293.490170 |
| 9 - 10  | 29°30'31"SE | 49.87              | 10           | 453,825.823200 | 2,203,250.085170 |
| 10 - 11 | 41°36'42"SE | 48.60              | 11           | 453,858.098400 | 2,203,213.747870 |
| 11 - 12 | 41°36'20"SE | 0.22               | 12           | 453,858.245900 | 2,203,213.581770 |
| 12 - 13 | 40°54'13"SE | 48.65              | 13           | 453,890.103000 | 2,203,176.809970 |
| 13 - 14 | 39°50'33"SE | 49.97              | 14           | 453,922.120200 | 2,203,138.439870 |
| 14 - 15 | 37°20'04"SE | 49.96              | 15           | 453,952.416300 | 2,203,098.720170 |
| 15 - 16 | 36°33'55"SE | 49.92              | 16           | 453,982.154500 | 2,203,058.627170 |
| 16 - 17 | 19°15'06"SE | 49.90              | 17           | 453,998.608800 | 2,203,011.513870 |
| 17 - 18 | 12°42'02"SE | 49.89              | 18           | 454,009.576500 | 2,202,962.849170 |
| 18 - 19 | 19°47'21"SE | 49.66              | 19           | 454,026.389700 | 2,202,916.121170 |
| 19 - 20 | 33°02'09"SE | 41.43              | 20           | 454,048.978000 | 2,202,881.386070 |
| 20 - 21 | 33°02'07"SE | 8.24               | 21           | 454,053.469600 | 2,202,874.478970 |
| 21 - 22 | 43°21'28"SE | 4.57               | 22           | 454,056.607100 | 2,202,871.156270 |
| 22 - 23 | 43°21'28"SE | 21.96              | 23           | 454,071.682800 | 2,202,855.190670 |
| 23 - 24 | 43°21'28"SE | 23.40              | 24           | 454,087.747900 | 2,202,838.177270 |
| 24 - 25 | 27°20'18"SE | 49.33              | 25           | 454,110.403300 | 2,202,794.355370 |
| 25 - 26 | 74°26'02"SE | 10.22              | 26           | 454,120.249100 | 2,202,791.612670 |
| 26 - 27 | 74°26'05"SE | 36.72              | 27           | 454,155.623800 | 2,202,781.759070 |
| 27 - 28 | 36°03'02"SE | 49.42              | 28           | 454,184.706000 | 2,202,741.805270 |
| 28 - 29 | 19°41'49"SE | 27.49              | 29           | 454,193.972400 | 2,202,715.921170 |
| 29 - 30 | 19°41'49"SE | 18.35              | 30           | 454,200.155600 | 2,202,698.649370 |
| 30 - 31 | 27°07'15"SE | 47.23              | 31           | 454,221.687100 | 2,202,656.610870 |
| 31 - 32 | 27°07'13"SE | 2.16               | 32           | 454,222.673500 | 2,202,654.684970 |
| 32 - 33 | 46°18'51"SE | 49.45              | 33           | 454,258.434500 | 2,202,620.527970 |
| 33 - 34 | 43°21'30"SE | 37.14              | 34           | 454,283.934000 | 2,202,593.523770 |
| 34 - 35 | 47°14'31"SW | 111.38             | 35           | 454,202.152914 | 2,202,517.905480 |

A partir de este vértice 35 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia de 1,193.99 metros hasta llegar al vértice 36.

|        |             |        |    |                |                  |
|--------|-------------|--------|----|----------------|------------------|
|        |             |        | 36 | 453,514.682000 | 2,203,494.119870 |
| 36 - 1 | 50°02'57"NE | 104.25 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Boca Estero El Chorro”**  
**(Superficie 11-76-65.26 hectáreas)**

| Est-PV | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|--------|-------------|--------------------|--------------|----------------|------------------|
|        |             |                    |              | X              | Y                |
|        |             |                    | 1            | 456,674.496200 | 2,199,089.077800 |
| 1 - 2  | 25°08'37"SE | 12.62              | 2            | 456,679.858000 | 2,199,077.654300 |
| 2 - 3  | 25°33'51"SE | 49.54              | 3            | 456,701.236700 | 2,199,032.962100 |
| 3 - 4  | 56°07'34"SE | 31.25              | 4            | 456,727.185600 | 2,199,015.542500 |
| 4 - 5  | 56°07'35"SE | 14.63              | 5            | 456,739.331300 | 2,199,007.389100 |
| 5 - 6  | 83°12'51"SE | 49.60              | 6            | 456,788.587200 | 2,199,001.528100 |
| 6 - 7  | 01°40'33"SE | 34.29              | 7            | 456,789.589900 | 2,198,967.257100 |
| 7 - 8  | 20°09'16"SE | 52.84              | 8            | 456,807.794500 | 2,198,917.657100 |

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
| 8 - 9   | 20°09'14"SE | 6.33               | 9            | 456,809.974100 | 2,198,911.718400 |
| 9 - 10  | 20°09'16"SE | 122.31             | 10           | 456,852.115900 | 2,198,796.900100 |
| 10 - 11 | 38°44'09"SE | 49.31              | 11           | 456,882.969300 | 2,198,758.438100 |
| 11 - 12 | 41°18'47"SE | 50.00              | 12           | 456,915.977900 | 2,198,720.882800 |
| 12 - 13 | 47°20'09"SE | 49.84              | 13           | 456,952.624000 | 2,198,687.109200 |
| 13 - 14 | 54°42'32"SE | 49.97              | 14           | 456,993.412300 | 2,198,658.239000 |
| 14 - 15 | 50°23'00"SE | 49.69              | 15           | 457,031.688000 | 2,198,626.556000 |
| 15 - 16 | 33°42'15"SE | 47.12              | 16           | 457,057.837400 | 2,198,587.353200 |
| 16 - 17 | 33°42'12"SE | 2.86               | 17           | 457,059.424400 | 2,198,584.973900 |
| 17 - 18 | 34°52'41"SE | 49.90              | 18           | 457,087.960100 | 2,198,544.035800 |
| 18 - 19 | 29°22'56"SE | 49.72              | 19           | 457,112.354600 | 2,198,500.711200 |
| 19 - 20 | 23°17'51"SE | 49.98              | 20           | 457,132.124000 | 2,198,454.802200 |
| 20 - 21 | 26°47'58"SE | 49.68              | 21           | 457,154.522300 | 2,198,410.460200 |
| 21 - 22 | 47°02'30"SE | 49.36              | 22           | 457,190.647500 | 2,198,376.822000 |
| 22 - 23 | 61°17'11"SE | 49.45              | 23           | 457,234.015000 | 2,198,353.065700 |
| 23 - 24 | 47°14'08"SE | 49.93              | 24           | 457,270.669400 | 2,198,319.165700 |
| 24 - 25 | 47°17'51"SE | 49.97              | 25           | 457,307.390800 | 2,198,285.277300 |
| 25 - 26 | 45°54'04"SE | 12.88              | 26           | 457,316.641100 | 2,198,276.313500 |
| 26 - 27 | 45°54'05"SE | 37.11              | 27           | 457,343.293400 | 2,198,250.487100 |
| 27 - 28 | 45°41'57"SE | 29.09              | 28           | 457,364.111400 | 2,198,230.171200 |
| 28 - 29 | 49°11'52"SW | 139.20             | 29           | 457,258.744619 | 2,198,139.214320 |

A partir de este vértice 29 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia de 1,115.38 metros hasta llegar al vértice 30.

|        |             |        |    |                |                  |
|--------|-------------|--------|----|----------------|------------------|
|        |             |        | 30 | 456,584.724900 | 2,199,027.902100 |
| 30 - 1 | 55°43'37"NE | 108.63 | 1  |                |                  |

### Zona de Amortiguamiento

#### “Boca Estero Majahuas”

(Superficie 9-22-16.01 hectáreas)

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
|         |             |                    | 1            | 460,226.534400 | 2,194,612.155200 |
| 1 - 2   | 39°04'35"SE | 49.69              | 2            | 460,257.855800 | 2,194,573.581800 |
| 2 - 3   | 31°26'02"SE | 12.64              | 3            | 460,264.448300 | 2,194,562.796000 |
| 3 - 4   | 31°26'00"SE | 36.90              | 4            | 460,283.690200 | 2,194,531.314100 |
| 4 - 5   | 36°49'39"SE | 23.30              | 5            | 460,297.659100 | 2,194,512.660300 |
| 5 - 6   | 36°49'22"SE | 0.34               | 6            | 460,297.863500 | 2,194,512.387300 |
| 6 - 7   | 36°49'38"SE | 26.35              | 7            | 460,313.656800 | 2,194,491.297000 |
| 7 - 8   | 76°53'40"SE | 8.67               | 8            | 460,322.099500 | 2,194,489.331500 |
| 8 - 9   | 76°53'35"SE | 39.05              | 9            | 460,360.133100 | 2,194,480.476000 |
| 9 - 10  | 42°15'51"SE | 29.42              | 10           | 460,379.919500 | 2,194,458.703800 |
| 10 - 11 | 42°15'50"SE | 41.36              | 11           | 460,407.733000 | 2,194,428.098700 |
| 11 - 12 | 42°15'51"SE | 49.58              | 12           | 460,441.078700 | 2,194,391.406300 |
| 12 - 13 | 33°20'39"SE | 7.28               | 13           | 460,445.080700 | 2,194,385.324100 |
| 13 - 14 | 33°20'39"SE | 41.61              | 14           | 460,467.952400 | 2,194,350.563900 |
| 14 - 15 | 11°11'31"SE | 49.63              | 15           | 460,477.584900 | 2,194,301.881100 |
| 15 - 16 | 09°02'05"SE | 44.88              | 16           | 460,484.633000 | 2,194,257.555600 |
| 16 - 17 | 09°02'07"SE | 5.03               | 17           | 460,485.423600 | 2,194,252.583900 |
| 17 - 18 | 31°06'43"SE | 49.40              | 18           | 460,510.949500 | 2,194,210.289200 |
| 18 - 19 | 35°14'39"SE | 28.27              | 19           | 460,527.265500 | 2,194,187.197700 |
| 19 - 20 | 35°14'38"SE | 21.73              | 20           | 460,539.802500 | 2,194,169.454300 |
| 20 - 21 | 31°35'42"SE | 49.94              | 21           | 460,565.964500 | 2,194,126.920300 |
| 21 - 22 | 38°14'02"SE | 49.14              | 22           | 460,596.374200 | 2,194,088.323800 |
| 22 - 23 | 36°16'19"SE | 49.88              | 23           | 460,625.883200 | 2,194,048.111100 |
| 23 - 24 | 43°41'36"SE | 49.79              | 24           | 460,660.276600 | 2,194,012.112300 |
| 24 - 25 | 39°58'10"SE | 49.70              | 25           | 460,692.202300 | 2,193,974.023700 |
| 25 - 26 | 40°57'07"SE | 49.88              | 26           | 460,724.897800 | 2,193,936.348200 |

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
| 26 - 27 | 41°10'28"SE | 49.99              | 27           | 460,757.808500 | 2,193,898.720900 |
| 27 - 28 | 39°05'15"SE | 49.96              | 28           | 460,789.310900 | 2,193,859.940200 |
| 28 - 29 | 45°40'20"SE | 42.49              | 29           | 460,819.708800 | 2,193,830.247500 |
| 29 - 30 | 45°40'18"SE | 6.98               | 30           | 460,824.705200 | 2,193,825.366900 |
| 30 - 31 | 46°34'33"SE | 49.81              | 31           | 460,860.879700 | 2,193,791.129700 |
| 31 - 32 | 39°07'35"SE | 49.88              | 32           | 460,892.353200 | 2,193,752.438000 |
| 32 - 33 | 43°31'51"SE | 49.84              | 33           | 460,926.677300 | 2,193,716.307100 |
| 33 - 34 | 37°44'39"SE | 49.98              | 34           | 460,957.272300 | 2,193,676.785100 |
| 34 - 35 | 43°53'34"SE | 49.74              | 35           | 460,991.756100 | 2,193,640.942100 |
| 35 - 36 | 47°18'03"SE | 48.77              | 36           | 461,027.599100 | 2,193,607.868100 |
| 36 - 37 | 49°48'23"SE | 49.82              | 37           | 461,065.656200 | 2,193,575.714800 |
| 37 - 38 | 31°39'42"SE | 14.05              | 38           | 461,073.032800 | 2,193,563.753300 |
| 38 - 39 | 31°39'44"SE | 35.05              | 39           | 461,091.431900 | 2,193,533.918900 |
| 39 - 40 | 48°26'55"SW | 56.01              | 40           | 461,049.518463 | 2,193,496.770270 |

A partir de este vértice 40 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia de 1,390.77 metros hasta llegar al vértice 41.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 41 | 460,154.018587 | 2,194,560.877990 |
| 41 - 1 | 54°44'06"NE | 88.81 | 1  |                |                  |

### Zona de Amortiguamiento

s/n

(Superficie 51-14-68.65 hectáreas)

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
|         |             |                    | 1            | 463,628.916700 | 2,190,556.795000 |
| 1 - 2   | 13°57'36"SE | 49.98              | 2            | 463,640.974300 | 2,190,508.290800 |
| 2 - 3   | 30°19'01"SE | 49.33              | 3            | 463,665.876900 | 2,190,465.704300 |
| 3 - 4   | 33°00'04"SE | 48.66              | 4            | 463,692.380000 | 2,190,424.895100 |
| 4 - 5   | 36°40'27"SE | 50.00              | 5            | 463,722.243300 | 2,190,384.793000 |
| 5 - 6   | 21°57'43"SE | 49.74              | 6            | 463,740.845600 | 2,190,338.662900 |
| 6 - 7   | 25°26'59"SE | 49.01              | 7            | 463,761.906000 | 2,190,294.409200 |
| 7 - 8   | 63°05'24"SE | 47.55              | 8            | 463,804.306600 | 2,190,272.889100 |
| 8 - 9   | 56°56'07"SE | 49.94              | 9            | 463,846.157000 | 2,190,245.644000 |
| 9 - 10  | 39°48'56"SE | 49.49              | 10           | 463,877.844200 | 2,190,207.632900 |
| 10 - 11 | 29°59'20"SE | 49.74              | 11           | 463,902.704600 | 2,190,164.554200 |
| 11 - 12 | 29°29'13"SE | 49.17              | 12           | 463,926.905400 | 2,190,121.757100 |
| 12 - 13 | 42°06'27"SE | 49.99              | 13           | 463,960.422400 | 2,190,084.672900 |
| 13 - 14 | 28°09'18"SE | 49.47              | 14           | 463,983.763900 | 2,190,041.059200 |
| 14 - 15 | 34°48'57"SE | 46.90              | 15           | 464,010.540100 | 2,190,002.556300 |
| 15 - 16 | 24°18'36"SE | 49.35              | 16           | 464,030.854600 | 2,189,957.586000 |
| 16 - 17 | 25°46'01"SE | 49.94              | 17           | 464,052.564500 | 2,189,912.610800 |
| 17 - 18 | 51°12'26"SE | 48.63              | 18           | 464,090.470800 | 2,189,882.141300 |
| 18 - 19 | 49°25'22"SE | 49.95              | 19           | 464,128.411000 | 2,189,849.649000 |
| 19 - 20 | 22°52'53"SE | 48.85              | 20           | 464,147.406100 | 2,189,804.640900 |
| 20 - 21 | 40°46'16"SE | 49.93              | 21           | 464,180.014100 | 2,189,766.826000 |
| 21 - 22 | 34°31'07"SE | 49.99              | 22           | 464,208.343000 | 2,189,725.635900 |
| 22 - 23 | 34°19'04"SE | 49.99              | 23           | 464,236.527300 | 2,189,684.347200 |
| 23 - 24 | 45°47'04"SE | 49.61              | 24           | 464,272.081900 | 2,189,649.753100 |
| 24 - 25 | 40°35'35"SE | 49.85              | 25           | 464,304.519100 | 2,189,611.899000 |
| 25 - 26 | 19°01'11"SE | 49.65              | 26           | 464,320.699900 | 2,189,564.959100 |
| 26 - 27 | 12°40'04"SE | 50.00              | 27           | 464,331.664100 | 2,189,516.180200 |
| 27 - 28 | 35°30'09"SE | 76.20              | 28           | 464,375.917100 | 2,189,454.146000 |
| 28 - 29 | 29°28'44"SE | 22.78              | 29           | 464,387.129000 | 2,189,434.312000 |
| 29 - 30 | 16°04'36"SE | 47.11              | 30           | 464,400.174700 | 2,189,389.045200 |

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
| 30 - 31 | 34°41'44"SE | 49.80              | 31           | 464,428.520900 | 2,189,348.101700 |
| 31 - 32 | 16°16'49"SE | 23.19              | 32           | 464,435.023100 | 2,189,325.837800 |
| 32 - 33 | 16°16'50"SE | 26.55              | 33           | 464,442.467400 | 2,189,300.348200 |
| 33 - 34 | 10°28'23"SE | 49.79              | 34           | 464,451.517500 | 2,189,251.390000 |
| 34 - 35 | 29°44'41"SE | 50.00              | 35           | 464,476.324400 | 2,189,207.977900 |
| 35 - 36 | 27°59'57"SE | 50.00              | 36           | 464,499.795900 | 2,189,163.833000 |
| 36 - 37 | 17°43'20"SE | 49.51              | 37           | 464,514.867200 | 2,189,116.672000 |
| 37 - 38 | 24°13'06"SE | 49.70              | 38           | 464,535.256800 | 2,189,071.341900 |
| 38 - 39 | 42°29'44"SE | 49.98              | 39           | 464,569.020100 | 2,189,034.490000 |
| 39 - 40 | 34°20'25"SE | 49.55              | 40           | 464,596.974200 | 2,188,993.572800 |
| 40 - 41 | 20°41'40"SE | 49.85              | 41           | 464,614.590900 | 2,188,946.937900 |
| 41 - 42 | 19°08'56"SE | 49.91              | 42           | 464,630.964000 | 2,188,899.786100 |
| 42 - 43 | 28°56'30"SE | 49.91              | 43           | 464,655.115600 | 2,188,856.111000 |
| 43 - 44 | 59°03'43"SE | 44.55              | 44           | 464,693.328500 | 2,188,833.206700 |
| 44 - 45 | 56°02'15"SE | 48.11              | 45           | 464,733.230300 | 2,188,806.330700 |
| 45 - 46 | 25°58'18"SE | 49.44              | 46           | 464,754.879500 | 2,188,761.887900 |
| 46 - 47 | 35°11'06"SE | 49.84              | 47           | 464,783.598400 | 2,188,721.153900 |
| 47 - 48 | 35°33'36"SE | 49.99              | 48           | 464,812.672900 | 2,188,680.483200 |
| 48 - 49 | 32°04'47"SE | 49.96              | 49           | 464,839.206400 | 2,188,638.152000 |
| 49 - 50 | 27°19'36"SE | 49.98              | 50           | 464,862.151900 | 2,188,593.747000 |
| 50 - 51 | 29°30'43"SE | 49.97              | 51           | 464,886.766100 | 2,188,550.262800 |
| 51 - 52 | 34°33'05"SE | 49.94              | 52           | 464,915.091700 | 2,188,509.128100 |
| 52 - 53 | 35°45'30"SE | 49.99              | 53           | 464,944.304000 | 2,188,468.562100 |
| 53 - 54 | 32°58'23"SE | 49.98              | 54           | 464,971.505400 | 2,188,426.632900 |
| 54 - 55 | 30°57'15"SE | 50.00              | 55           | 464,997.220700 | 2,188,383.757900 |
| 55 - 56 | 32°29'24"SE | 49.92              | 56           | 465,024.033000 | 2,188,341.655200 |
| 56 - 57 | 23°11'55"SE | 50.00              | 57           | 465,043.729000 | 2,188,295.698000 |
| 57 - 58 | 23°37'09"SE | 50.00              | 58           | 465,063.761800 | 2,188,249.887100 |
| 58 - 59 | 27°08'44"SE | 50.00              | 59           | 465,086.572700 | 2,188,205.398200 |
| 59 - 60 | 39°36'56"SE | 49.91              | 60           | 465,118.395100 | 2,188,166.952800 |
| 60 - 61 | 21°22'31"SE | 49.45              | 61           | 465,136.419300 | 2,188,120.902000 |
| 61 - 62 | 26°25'42"SE | 49.34              | 62           | 465,158.379400 | 2,188,076.719000 |
| 62 - 63 | 32°39'21"SE | 49.64              | 63           | 465,185.164100 | 2,188,034.926800 |
| 63 - 64 | 19°44'48"SE | 50.00              | 64           | 465,202.057300 | 2,187,987.867000 |
| 64 - 65 | 25°48'28"SE | 50.00              | 65           | 465,223.824800 | 2,187,942.854800 |
| 65 - 66 | 30°17'13"SE | 50.00              | 66           | 465,249.040000 | 2,187,899.681900 |
| 66 - 67 | 22°10'57"SE | 49.99              | 67           | 465,267.915500 | 2,187,853.389100 |
| 67 - 68 | 19°34'17"SE | 49.99              | 68           | 465,284.660800 | 2,187,806.289000 |
| 68 - 69 | 13°46'46"SE | 49.95              | 69           | 465,296.558400 | 2,187,757.775900 |
| 69 - 70 | 11°44'06"SE | 49.84              | 70           | 465,306.694500 | 2,187,708.981200 |
| 70 - 71 | 17°17'31"SE | 49.95              | 71           | 465,321.542900 | 2,187,661.284900 |
| 71 - 72 | 30°39'32"SE | 49.39              | 72           | 465,346.730500 | 2,187,618.794900 |
| 72 - 73 | 20°19'46"SE | 49.66              | 73           | 465,363.983600 | 2,187,572.227800 |
| 73 - 74 | 20°44'28"SE | 49.97              | 74           | 465,381.681700 | 2,187,525.493000 |
| 74 - 75 | 18°29'24"SE | 49.83              | 75           | 465,397.483300 | 2,187,478.239800 |
| 75 - 76 | 11°33'36"SE | 50.00              | 76           | 465,407.503100 | 2,187,429.254100 |
| 76 - 77 | 14°58'52"SW | 49.85              | 77           | 465,394.617000 | 2,187,381.099100 |
| 77 - 78 | 03°35'43"SE | 48.90              | 78           | 465,397.683700 | 2,187,332.294200 |
| 78 - 79 | 23°07'12"SE | 49.82              | 79           | 465,417.247700 | 2,187,286.471800 |
| 79 - 80 | 04°28'06"SE | 48.41              | 80           | 465,421.019300 | 2,187,238.211000 |
| 80 - 81 | 71°02'43"SW | 72.16              | 81           | 465,352.774200 | 2,187,214.772700 |

A partir de este vértice 81 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia de 3,742.52 metros hasta llegar al vértice 82.

|        |             |        |    |                |                  |
|--------|-------------|--------|----|----------------|------------------|
|        |             |        | 82 | 463,508.640300 | 2,190,471.398000 |
| 82 - 1 | 54°37'30"NE | 147.51 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Boca Xola-Paramán”**  
**(Superficie 113-03-80.37 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice<br>No.- | Coordenadas    |                  |
|---------|-------------|--------------------|-----------------|----------------|------------------|
|         |             |                    |                 | X              | Y                |
| 1 - 2   | 61°28'00"SW | 37.26              | 1               | 465,675.467300 | 2,186,060.697800 |
| 2 - 3   | 42°29'10"SW | 49.77              | 2               | 465,642.734600 | 2,186,042.900800 |
| 3 - 4   | 47°50'28"SW | 48.45              | 3               | 465,609.119900 | 2,186,006.199200 |
| 4 - 5   | 42°31'10"SW | 49.87              | 4               | 465,573.206800 | 2,185,973.682300 |
| 5 - 6   | 35°56'41"SW | 49.92              | 5               | 465,539.503500 | 2,185,936.926800 |
| 6 - 7   | 12°26'43"SW | 48.77              | 6               | 465,510.201900 | 2,185,896.515000 |
| 7 - 8   | 03°35'02"SE | 49.98              | 7               | 465,499.692000 | 2,185,848.893100 |
| 8 - 9   | 04°03'11"SW | 48.89              | 8               | 465,502.816600 | 2,185,799.006900 |
| 9 - 10  | 24°43'35"SW | 36.83              | 9               | 465,499.361200 | 2,185,750.242900 |
| 10 - 11 | 70°08'13"SE | 49.35              | 10              | 465,483.955400 | 2,185,716.789000 |
| 11 - 12 | 54°21'08"SE | 49.29              | 11              | 465,530.367200 | 2,185,700.022100 |
| 12 - 13 | 54°21'08"SE | 49.29              | 12              | 465,570.419300 | 2,185,671.297300 |
| 13 - 14 | 39°31'12"SE | 49.89              | 13              | 465,602.167600 | 2,185,632.811200 |
| 14 - 15 | 55°16'28"SE | 58.51              | 14              | 465,650.257000 | 2,185,599.480900 |
| 15 - 16 | 46°40'19"SE | 37.48              | 15              | 465,677.518500 | 2,185,573.765900 |
| 16 - 17 | 46°03'34"SE | 48.87              | 16              | 465,712.711400 | 2,185,539.851100 |
| 17 - 18 | 47°41'33"SE | 49.86              | 17              | 465,749.588000 | 2,185,506.287200 |
| 18 - 19 | 48°28'35"SE | 49.98              | 18              | 465,787.010800 | 2,185,473.150900 |
| 19 - 20 | 43°52'06"SE | 34.77              | 19              | 465,811.103600 | 2,185,448.087200 |
| 20 - 21 | 43°52'08"SE | 15.16              | 20              | 465,821.611400 | 2,185,437.156200 |
| 21 - 22 | 35°54'01"SE | 9.69               | 21              | 465,827.292900 | 2,185,429.307600 |
| 22 - 23 | 35°54'01"SE | 39.78              | 22              | 465,850.617900 | 2,185,397.086000 |
| 23 - 24 | 23°43'09"SE | 34.73              | 23              | 465,864.589100 | 2,185,365.287700 |
| 24 - 25 | 23°43'08"SE | 13.20              | 24              | 465,869.899200 | 2,185,353.201800 |
| 25 - 26 | 55°28'37"SE | 10.71              | 25              | 465,878.721200 | 2,185,347.133400 |
| 26 - 27 | 55°28'37"SE | 39.03              | 26              | 465,910.876100 | 2,185,325.015000 |
| 27 - 28 | 64°08'33"SE | 50.00              | 27              | 465,955.869600 | 2,185,303.208800 |
| 28 - 29 | 64°33'29"SE | 48.64              | 28              | 465,999.797100 | 2,185,282.311200 |
| 29 - 30 | 48°38'53"SE | 41.98              | 29              | 466,031.307200 | 2,185,254.578300 |
| 30 - 31 | 51°58'54"SE | 49.41              | 30              | 466,070.231000 | 2,185,224.147900 |
| 31 - 32 | 37°25'45"SE | 49.38              | 31              | 466,100.242000 | 2,185,184.936900 |
| 32 - 33 | 45°42'35"SE | 43.23              | 32              | 466,131.183000 | 2,185,154.753100 |
| 33 - 34 | 45°42'39"SE | 2.61               | 33              | 466,133.051100 | 2,185,152.930800 |
| 34 - 35 | 45°42'33"SE | 4.15               | 34              | 466,136.023600 | 2,185,150.031000 |
| 35 - 36 | 37°48'12"SE | 49.97              | 35              | 466,166.654300 | 2,185,110.547100 |
| 36 - 37 | 32°15'27"SE | 49.72              | 36              | 466,193.191200 | 2,185,068.501100 |
| 37 - 38 | 39°43'30"SE | 10.32              | 37              | 466,199.787700 | 2,185,060.562700 |
| 38 - 39 | 39°43'30"SE | 39.33              | 38              | 466,224.921700 | 2,185,030.315700 |
| 39 - 40 | 35°57'23"SE | 7.30               | 39              | 466,229.210300 | 2,185,024.403500 |
| 40 - 41 | 35°57'20"SE | 42.44              | 40              | 466,254.131200 | 2,184,990.046900 |
| 41 - 42 | 19°55'01"SE | 39.88              | 41              | 466,267.718200 | 2,184,952.548300 |
| 42 - 43 | 19°55'00"SE | 8.36               | 42              | 466,270.566100 | 2,184,944.688300 |
| 43 - 44 | 62°36'42"SE | 13.09              | 43              | 466,282.188400 | 2,184,938.666900 |
| 44 - 45 | 62°36'40"SE | 27.38              | 44              | 466,306.496100 | 2,184,926.073100 |
| 45 - 46 | 62°36'39"SE | 8.38               | 45              | 466,313.936800 | 2,184,922.218000 |
| 46 - 47 | 87°23'41"NE | 8.22               | 46              | 466,322.143900 | 2,184,922.591400 |
| 47 - 48 | 87°23'42"NE | 39.97              | 47              | 466,362.076500 | 2,184,924.408100 |
| 48 - 49 | 59°50'35"SE | 45.19              | 48              | 466,401.147100 | 2,184,901.707800 |
| 49 - 50 | 77°20'15"SE | 49.87              | 49              | 466,449.804700 | 2,184,890.775900 |
| 50 - 51 | 70°35'58"SE | 49.98              | 50              | 466,496.944900 | 2,184,874.174800 |
| 51 - 52 | 73°11'19"SE | 49.86              | 51              | 466,544.676200 | 2,184,859.753700 |
| 52 - 53 | 63°05'25"SE | 49.88              | 52              | 466,589.153500 | 2,184,837.179800 |
| 53 - 54 | 59°57'57"SE | 49.70              | 53              | 466,632.175900 | 2,184,812.306700 |
| 54 - 55 | 56°47'40"SE | 49.12              | 54              | 466,673.271500 | 2,184,785.409000 |
| 55 - 56 | 45°41'37"SE | 49.89              | 55              | 466,708.974800 | 2,184,750.560100 |
| 56 - 57 | 40°04'01"SE | 50.00              | 56              | 466,741.155800 | 2,184,712.299200 |
| 57 - 58 | 40°39'28"SE | 49.82              | 57              | 466,773.612300 | 2,184,674.508800 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|--------------------|-----------------|----------------|------------------|
|           |             |                    |                 | X              | Y                |
| 57 - 58   | 43°28'39"SE | 49.73              | 58              | 466,807.832100 | 2,184,638.420300 |
| 58 - 59   | 47°15'51"SE | 49.89              | 59              | 466,844.475000 | 2,184,604.564900 |
| 59 - 60   | 52°34'08"SE | 50.00              | 60              | 466,884.177600 | 2,184,574.175800 |
| 60 - 61   | 44°20'33"SE | 49.06              | 61              | 466,918.465300 | 2,184,539.092200 |
| 61 - 62   | 46°44'11"SE | 48.67              | 62              | 466,953.910500 | 2,184,505.732900 |
| 62 - 63   | 36°49'09"SE | 48.97              | 63              | 466,983.256500 | 2,184,466.533000 |
| 63 - 64   | 50°24'57"SE | 49.83              | 64              | 467,021.662700 | 2,184,434.778700 |
| 64 - 65   | 36°15'31"SE | 49.85              | 65              | 467,051.147800 | 2,184,394.578800 |
| 65 - 66   | 41°45'41"SE | 50.00              | 66              | 467,084.449000 | 2,184,357.283000 |
| 66 - 67   | 42°48'04"SE | 50.00              | 67              | 467,118.421200 | 2,184,320.598100 |
| 67 - 68   | 42°15'02"SE | 25.09              | 68              | 467,135.288700 | 2,184,302.028800 |
| 68 - 69   | 42°15'00"SE | 24.85              | 69              | 467,151.998600 | 2,184,283.632800 |
| 69 - 70   | 40°34'22"SE | 48.72              | 70              | 467,183.689700 | 2,184,246.622800 |
| 70 - 71   | 40°34'33"SE | 1.03               | 71              | 467,184.358100 | 2,184,245.842300 |
| 71 - 72   | 36°43'21"SE | 49.46              | 72              | 467,213.932900 | 2,184,206.197300 |
| 72 - 73   | 54°04'25"SE | 36.37              | 73              | 467,243.386100 | 2,184,184.856200 |
| 73 - 74   | 54°04'26"SE | 13.60              | 74              | 467,254.396900 | 2,184,176.878100 |
| 74 - 75   | 47°28'40"SE | 49.88              | 75              | 467,291.156600 | 2,184,143.168100 |
| 75 - 76   | 39°05'31"SE | 49.97              | 76              | 467,322.665800 | 2,184,104.385000 |
| 76 - 77   | 58°28'04"SE | 49.45              | 77              | 467,364.810500 | 2,184,078.526200 |
| 77 - 78   | 37°26'06"SE | 49.00              | 78              | 467,394.598000 | 2,184,039.615200 |
| 78 - 79   | 50°22'40"SE | 48.87              | 79              | 467,432.241800 | 2,184,008.449000 |
| 79 - 80   | 68°35'15"SE | 49.96              | 80              | 467,478.752900 | 2,183,990.210000 |
| 80 - 81   | 36°11'09"SE | 49.86              | 81              | 467,508.191300 | 2,183,949.966800 |
| 81 - 82   | 20°05'01"SE | 49.39              | 82              | 467,525.150800 | 2,183,903.582100 |
| 82 - 83   | 27°09'01"SE | 43.20              | 83              | 467,544.864200 | 2,183,865.142300 |
| 83 - 84   | 27°09'01"SE | 6.02               | 84              | 467,547.612300 | 2,183,859.783700 |
| 84 - 85   | 54°00'56"SE | 3.71               | 85              | 467,550.611500 | 2,183,857.605900 |
| 85 - 86   | 54°00'56"SE | 44.92              | 86              | 467,586.958900 | 2,183,831.213100 |
| 86 - 87   | 40°10'47"SE | 49.28              | 87              | 467,618.756600 | 2,183,793.558800 |
| 87 - 88   | 27°24'45"SE | 49.00              | 88              | 467,641.315000 | 2,183,750.062800 |
| 88 - 89   | 39°58'09"SE | 49.33              | 89              | 467,673.000800 | 2,183,712.260100 |
| 89 - 90   | 40°31'21"SE | 0.55               | 90              | 467,673.360400 | 2,183,711.839400 |
| 90 - 91   | 40°30'44"SE | 43.77              | 91              | 467,701.790600 | 2,183,678.566300 |
| 91 - 92   | 40°30'49"SE | 3.68               | 92              | 467,704.180800 | 2,183,675.769100 |
| 92 - 93   | 32°56'14"SE | 18.11              | 93              | 467,714.027300 | 2,183,660.570400 |
| 93 - 94   | 32°56'14"SE | 31.58              | 94              | 467,731.197600 | 2,183,634.067000 |
| 94 - 95   | 39°28'49"SE | 49.75              | 95              | 467,762.826900 | 2,183,595.670700 |
| 95 - 96   | 61°21'33"SE | 46.87              | 96              | 467,803.963000 | 2,183,573.204700 |
| 96 - 97   | 61°21'43"SE | 2.18               | 97              | 467,805.878300 | 2,183,572.158800 |
| 97 - 98   | 67°30'48"SE | 49.73              | 98              | 467,851.831200 | 2,183,553.137100 |
| 98 - 99   | 37°24'06"SE | 48.26              | 99              | 467,881.141700 | 2,183,514.802900 |
| 99 - 100  | 27°40'56"SE | 23.29              | 100             | 467,891.962300 | 2,183,494.177200 |
| 100 - 101 | 27°40'57"SE | 26.70              | 101             | 467,904.365100 | 2,183,470.535900 |
| 101 - 102 | 32°58'17"SE | 49.87              | 102             | 467,931.505200 | 2,183,428.698100 |
| 102 - 103 | 66°38'47"SE | 5.68               | 103             | 467,936.716000 | 2,183,426.448200 |
| 103 - 104 | 66°38'46"SE | 43.45              | 104             | 467,976.609100 | 2,183,409.223100 |
| 104 - 105 | 44°06'54"SE | 49.98              | 105             | 468,011.398800 | 2,183,373.341800 |
| 105 - 106 | 38°49'01"SE | 49.96              | 106             | 468,042.715100 | 2,183,334.416100 |
| 106 - 107 | 36°08'00"SE | 50.00              | 107             | 468,072.198400 | 2,183,294.033900 |
| 107 - 108 | 42°24'35"SE | 49.92              | 108             | 468,105.868900 | 2,183,257.172800 |
| 108 - 109 | 50°38'35"SE | 49.92              | 109             | 468,144.471300 | 2,183,225.513000 |
| 109 - 110 | 53°00'06"SE | 49.84              | 110             | 468,184.277400 | 2,183,195.518900 |
| 110 - 111 | 49°01'05"SE | 50.00              | 111             | 468,222.020800 | 2,183,162.730200 |
| 111 - 112 | 43°00'29"SE | 49.87              | 112             | 468,256.033900 | 2,183,126.266000 |
| 112 - 113 | 51°34'12"SE | 49.15              | 113             | 468,294.533200 | 2,183,095.719200 |
| 113 - 114 | 60°13'45"SE | 49.87              | 114             | 468,337.823400 | 2,183,070.956000 |
| 114 - 115 | 51°09'47"SE | 49.92              | 115             | 468,376.708100 | 2,183,039.650800 |
| 115 - 116 | 57°59'40"SE | 50.00              | 116             | 468,419.108000 | 2,183,013.150900 |
| 116 - 117 | 40°11'52"SE | 49.48              | 117             | 468,451.044900 | 2,182,975.355900 |
| 117 - 118 | 39°25'49"SW | 48.70              | 118             | 468,420.115800 | 2,182,937.742800 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|--------------------|--------------|----------------|------------------|
|           |             |                    |              | X              | Y                |
| 118 - 119 | 53°24'10"SW | 47.14              | 119          | 468,382.268600 | 2,182,909.638000 |
| 119 - 120 | 44°03'22"NW | 48.47              | 120          | 468,348.560900 | 2,182,944.475000 |
| 120 - 121 | 51°04'49"NW | 42.03              | 121          | 468,315.857500 | 2,182,970.881800 |
| 121 - 122 | 71°34'43"SW | 48.77              | 122          | 468,269.585600 | 2,182,955.470200 |
| 122 - 123 | 10°39'05"SE | 41.63              | 123          | 468,277.280400 | 2,182,914.557200 |
| 123 - 124 | 18°11'23"SE | 48.95              | 124          | 468,292.560200 | 2,182,868.055900 |
| 124 - 125 | 23°26'05"SE | 49.67              | 125          | 468,312.312800 | 2,182,822.486200 |
| 125 - 126 | 23°43'46"SE | 49.81              | 126          | 468,332.358400 | 2,182,776.885200 |
| 126 - 127 | 42°57'19"SE | 49.95              | 127          | 468,366.396300 | 2,182,740.327100 |
| 127 - 128 | 50°30'23"SE | 47.48              | 128          | 468,403.038100 | 2,182,710.129000 |
| 128 - 129 | 53°34'52"SE | 49.47              | 129          | 468,442.849900 | 2,182,680.757000 |
| 129 - 130 | 48°53'15"SE | 48.85              | 130          | 468,479.655000 | 2,182,648.636000 |
| 130 - 131 | 73°47'36"SE | 49.76              | 131          | 468,527.440700 | 2,182,634.747000 |
| 131 - 132 | 65°11'51"SE | 48.78              | 132          | 468,571.721400 | 2,182,614.284100 |
| 132 - 133 | 55°05'46"SE | 49.42              | 133          | 468,612.251800 | 2,182,586.005900 |
| 133 - 134 | 45°42'49"SE | 49.64              | 134          | 468,647.788000 | 2,182,551.344100 |
| 134 - 135 | 39°17'22"SE | 49.65              | 135          | 468,679.227500 | 2,182,512.918100 |
| 135 - 136 | 20°35'19"SE | 49.68              | 136          | 468,696.698100 | 2,182,466.410800 |
| 136 - 137 | 30°07'50"SE | 49.52              | 137          | 468,721.555400 | 2,182,423.582800 |
| 137 - 138 | 26°46'25"SE | 49.98              | 138          | 468,744.067700 | 2,182,378.965000 |
| 138 - 139 | 43°25'19"SE | 49.82              | 139          | 468,778.310700 | 2,182,342.782100 |
| 139 - 140 | 39°39'00"SE | 18.40              | 140          | 468,790.050600 | 2,182,328.616200 |
| 140 - 141 | 39°39'03"SE | 13.30              | 141          | 468,798.540600 | 2,182,318.372100 |
| 141 - 142 | 39°39'05"SE | 18.03              | 142          | 468,810.047700 | 2,182,304.487800 |
| 142 - 143 | 40°33'19"SE | 49.08              | 143          | 468,841.955800 | 2,182,267.201300 |
| 143 - 144 | 38°56'03"SE | 49.71              | 144          | 468,873.197200 | 2,182,228.530800 |
| 144 - 145 | 25°33'19"SE | 49.91              | 145          | 468,894.727800 | 2,182,183.502900 |
| 145 - 146 | 38°48'24"SE | 49.33              | 146          | 468,925.642700 | 2,182,145.061900 |
| 146 - 147 | 29°08'24"SE | 49.98              | 147          | 468,949.978600 | 2,182,101.411100 |
| 147 - 148 | 36°48'46"SE | 49.85              | 148          | 468,979.849100 | 2,182,061.501100 |
| 148 - 149 | 21°11'49"SE | 47.66              | 149          | 468,997.083400 | 2,182,017.062000 |
| 149 - 150 | 23°23'12"SE | 47.18              | 150          | 469,015.812700 | 2,181,973.753800 |
| 150 - 151 | 33°11'41"SE | 49.97              | 151          | 469,043.173300 | 2,181,931.934100 |
| 151 - 152 | 28°56'20"SE | 49.99              | 152          | 469,067.362500 | 2,181,888.186100 |
| 152 - 153 | 27°28'47"SE | 12.06              | 153          | 469,072.925800 | 2,181,877.489900 |
| 153 - 154 | 27°28'48"SE | 37.94              | 154          | 469,090.433700 | 2,181,843.828900 |
| 154 - 155 | 17°17'17"SE | 21.83              | 155          | 469,096.922600 | 2,181,822.980400 |
| 155 - 156 | 17°17'16"SE | 25.30              | 156          | 469,104.442400 | 2,181,798.819100 |
| 156 - 157 | 53°16'32"SE | 49.76              | 157          | 469,144.327900 | 2,181,769.063000 |
| 157 - 158 | 23°24'05"SE | 41.61              | 158          | 469,160.855800 | 2,181,730.872100 |
| 158 - 159 | 23°24'05"SE | 5.91               | 159          | 469,163.201500 | 2,181,725.451900 |
| 159 - 160 | 29°15'00"SE | 49.19              | 160          | 469,187.236200 | 2,181,682.534900 |
| 160 - 161 | 30°25'29"SE | 48.22              | 161          | 469,211.654100 | 2,181,640.956800 |
| 161 - 162 | 09°30'49"SE | 49.41              | 162          | 469,219.821100 | 2,181,592.224000 |
| 162 - 163 | 65°04'55"SE | 30.99              | 163          | 469,247.927500 | 2,181,579.166800 |
| 163 - 164 | 18°47'53"SE | 46.34              | 164          | 469,262.858700 | 2,181,535.302300 |
| 164 - 165 | 19°39'51"SE | 49.75              | 165          | 469,279.598400 | 2,181,488.458100 |
| 165 - 166 | 22°55'53"SE | 49.95              | 166          | 469,299.060200 | 2,181,442.456300 |
| 166 - 167 | 31°28'54"SE | 49.61              | 167          | 469,324.966700 | 2,181,400.150800 |
| 167 - 168 | 13°35'57"SE | 48.84              | 168          | 469,336.449500 | 2,181,352.684100 |
| 168 - 169 | 35°24'33"SE | 49.81              | 169          | 469,365.310900 | 2,181,312.086200 |
| 169 - 170 | 32°21'01"SE | 49.94              | 170          | 469,392.031800 | 2,181,269.900200 |
| 170 - 171 | 24°27'08"SE | 49.93              | 171          | 469,412.699100 | 2,181,224.450100 |
| 171 - 172 | 31°48'34"SE | 49.92              | 172          | 469,439.011800 | 2,181,182.028000 |
| 172 - 173 | 26°11'06"SE | 49.64              | 173          | 469,460.915300 | 2,181,137.485300 |
| 173 - 174 | 15°17'59"SE | 38.62              | 174          | 469,471.105000 | 2,181,100.237700 |
| 174 - 175 | 15°17'58"SE | 11.23              | 175          | 469,474.068600 | 2,181,089.404200 |
| 175 - 176 | 12°03'44"SE | 49.85              | 176          | 469,484.485200 | 2,181,040.658800 |
| 176 - 177 | 17°42'09"SE | 49.89              | 177          | 469,499.655900 | 2,180,993.130200 |
| 177 - 178 | 18°39'36"SE | 49.83              | 178          | 469,515.599000 | 2,180,945.919900 |
| 178 - 179 | 06°14'17"SE | 24.29              | 179          | 469,518.238000 | 2,180,921.777900 |



| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|--------------------|--------------|----------------|------------------|
|           |             |                    |              | X              | Y                |
| 179 - 180 | 06°14'16"SE | 24.54              | 180          | 469,520.904100 | 2,180,897.386700 |
| 180 - 181 | 11°32'45"SE | 39.54              | 181          | 469,528.817700 | 2,180,858.648800 |
| 181 - 182 | 11°32'44"SE | 10.32              | 182          | 469,530.882600 | 2,180,848.540800 |
| 182 - 183 | 06°32'05"SE | 49.45              | 183          | 469,536.511000 | 2,180,799.407200 |
| 183 - 184 | 06°32'38"SE | 0.42               | 184          | 469,536.558400 | 2,180,798.994000 |
| 184 - 185 | 09°47'47"SE | 14.46              | 185          | 469,539.018000 | 2,180,784.749400 |
| 185 - 186 | 09°47'47"SE | 35.54              | 186          | 469,545.064900 | 2,180,749.728900 |
| 186 - 187 | 06°20'48"SE | 49.97              | 187          | 469,550.588500 | 2,180,700.068200 |
| 187 - 188 | 10°35'40"SE | 47.10              | 188          | 469,559.248900 | 2,180,653.768100 |
| 188 - 189 | 10°35'49"SE | 1.56               | 189          | 469,559.536500 | 2,180,652.230900 |
| 189 - 190 | 05°51'24"SW | 2.89               | 190          | 469,559.241400 | 2,180,649.354100 |
| 190 - 191 | 05°51'24"SW | 35.75              | 191          | 469,555.593200 | 2,180,613.788400 |
| 191 - 192 | 05°51'25"SW | 11.35              | 192          | 469,554.434700 | 2,180,602.495100 |
| 192 - 193 | 16°03'30"SW | 47.63              | 193          | 469,541.258500 | 2,180,556.720900 |
| 193 - 194 | 29°53'12"SE | 48.96              | 194          | 469,565.654000 | 2,180,514.273300 |
| 194 - 195 | 59°35'12"SE | 48.78              | 195          | 469,607.723800 | 2,180,489.578000 |
| 195 - 196 | 68°24'28"SE | 49.43              | 196          | 469,653.689700 | 2,180,471.386200 |
| 196 - 197 | 81°58'25"SE | 49.97              | 197          | 469,703.170500 | 2,180,464.409000 |
| 197 - 198 | 82°42'35"SE | 48.61              | 198          | 469,751.387200 | 2,180,458.240800 |
| 198 - 199 | 61°01'45"SE | 49.62              | 199          | 469,794.794400 | 2,180,434.208900 |
| 199 - 200 | 63°23'22"SE | 49.97              | 200          | 469,839.470100 | 2,180,411.826800 |
| 200 - 201 | 54°20'26"SE | 49.50              | 201          | 469,879.687600 | 2,180,382.970800 |
| 201 - 202 | 43°14'07"SE | 49.90              | 202          | 469,913.871200 | 2,180,346.614100 |
| 202 - 203 | 36°04'57"SE | 49.95              | 203          | 469,943.289100 | 2,180,306.246200 |
| 203 - 204 | 32°30'35"SE | 50.00              | 204          | 469,970.159500 | 2,180,264.084200 |
| 204 - 205 | 52°36'23"SE | 48.30              | 205          | 470,008.534500 | 2,180,234.751200 |
| 205 - 206 | 64°04'31"SE | 49.81              | 206          | 470,053.336000 | 2,180,212.972900 |
| 206 - 207 | 59°16'22"SE | 50.00              | 207          | 470,096.315400 | 2,180,187.426200 |
| 207 - 208 | 62°31'45"SE | 49.96              | 208          | 470,140.643400 | 2,180,164.379200 |
| 208 - 209 | 66°44'34"SE | 50.00              | 209          | 470,186.579300 | 2,180,144.636800 |
| 209 - 210 | 64°28'59"SE | 49.99              | 210          | 470,231.691200 | 2,180,123.103200 |
| 210 - 211 | 58°44'34"SE | 49.69              | 211          | 470,274.167300 | 2,180,097.320800 |
| 211 - 212 | 53°30'56"SE | 49.61              | 212          | 470,314.058000 | 2,180,067.820200 |
| 212 - 213 | 58°40'14"SE | 49.99              | 213          | 470,356.758200 | 2,180,041.828200 |
| 213 - 214 | 56°09'07"SE | 49.99              | 214          | 470,398.274700 | 2,180,013.984900 |
| 214 - 215 | 62°02'14"SE | 49.27              | 215          | 470,441.793500 | 2,179,990.881900 |
| 215 - 216 | 27°35'04"SE | 46.13              | 216          | 470,463.155300 | 2,179,949.993800 |
| 216 - 217 | 75°51'08"SE | 49.62              | 217          | 470,511.269000 | 2,179,937.866000 |
| 217 - 218 | 62°38'15"SE | 49.81              | 218          | 470,555.509200 | 2,179,914.971000 |
| 218 - 219 | 57°11'28"SE | 49.97              | 219          | 470,597.510200 | 2,179,887.894200 |
| 219 - 220 | 59°13'41"SE | 49.94              | 220          | 470,640.422100 | 2,179,862.342200 |
| 220 - 221 | 60°20'48"SE | 49.98              | 221          | 470,683.857400 | 2,179,837.614200 |
| 221 - 222 | 52°40'32"SE | 49.94              | 222          | 470,723.572200 | 2,179,807.332900 |
| 222 - 223 | 53°02'14"SE | 49.66              | 223          | 470,763.252400 | 2,179,777.472200 |
| 223 - 224 | 56°04'44"SE | 49.95              | 224          | 470,804.704000 | 2,179,749.595800 |
| 224 - 225 | 49°51'05"SE | 49.93              | 225          | 470,842.871300 | 2,179,717.400700 |
| 225 - 226 | 49°07'45"SE | 49.86              | 226          | 470,880.576800 | 2,179,684.772800 |
| 226 - 227 | 45°26'14"SE | 49.99              | 227          | 470,916.194200 | 2,179,649.695100 |
| 227 - 228 | 48°52'13"SE | 50.00              | 228          | 470,953.852800 | 2,179,616.809000 |
| 228 - 229 | 54°26'17"SE | 49.96              | 229          | 470,994.492000 | 2,179,587.755200 |
| 229 - 230 | 60°31'31"SE | 50.00              | 230          | 471,038.017600 | 2,179,563.155000 |
| 230 - 231 | 53°25'26"SE | 49.54              | 231          | 471,077.801000 | 2,179,533.635200 |
| 231 - 232 | 45°00'00"SE | 50.00              | 232          | 471,113.156300 | 2,179,498.280100 |
| 232 - 233 | 53°54'15"SE | 49.96              | 233          | 471,153.527300 | 2,179,468.845700 |
| 233 - 234 | 52°58'40"SE | 49.94              | 234          | 471,193.396300 | 2,179,438.778200 |
| 234 - 235 | 47°09'58"SE | 49.99              | 235          | 471,230.058000 | 2,179,404.788800 |
| 235 - 236 | 40°36'03"SE | 50.00              | 236          | 471,262.597500 | 2,179,366.825800 |
| 236 - 237 | 40°28'24"SE | 50.00              | 237          | 471,295.051900 | 2,179,328.790900 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|--------------------|--------------|----------------|------------------|
|           |             |                    |              | X              | Y                |
| 237 - 238 | 39°48'20"SE | 50.00              | 238          | 471,327.061100 | 2,179,290.380000 |
| 238 - 239 | 41°30'32"SE | 49.98              | 239          | 471,360.187900 | 2,179,252.949000 |
| 239 - 240 | 39°23'38"SE | 49.87              | 240          | 471,391.839900 | 2,179,214.406900 |
| 240 - 241 | 34°22'48"SE | 50.00              | 241          | 471,420.074100 | 2,179,173.141200 |
| 241 - 242 | 44°45'08"SE | 49.86              | 242          | 471,455.176200 | 2,179,137.734200 |
| 242 - 243 | 47°15'31"SE | 49.96              | 243          | 471,491.870100 | 2,179,103.825200 |
| 243 - 244 | 54°09'45"SE | 50.00              | 244          | 471,532.404000 | 2,179,074.550900 |
| 244 - 245 | 45°59'32"SE | 49.67              | 245          | 471,568.125500 | 2,179,040.046000 |
| 245 - 246 | 40°18'43"SE | 50.00              | 246          | 471,600.472300 | 2,179,001.920200 |
| 246 - 247 | 39°48'20"SE | 50.00              | 247          | 471,632.481600 | 2,178,963.509200 |
| 247 - 248 | 38°16'53"SE | 50.00              | 248          | 471,663.455000 | 2,178,924.264100 |
| 248 - 249 | 39°42'27"SE | 49.93              | 249          | 471,695.351400 | 2,178,885.855300 |
| 249 - 250 | 44°53'47"SE | 50.00              | 250          | 471,730.640100 | 2,178,850.438800 |
| 250 - 251 | 40°21'52"SE | 10.45              | 251          | 471,737.411100 | 2,178,842.472900 |
| 251 - 252 | 55°33'52"SW | 104.67             | 252          | 471,651.087200 | 2,178,783.287000 |

A partir de este vértice 252 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia de 9,477.08 metros hasta llegar al vértice 253.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 253 | 465,655.296300 | 2,186,122.606500 |
| 253 - 1 | 18°02'47"SE | 65.11 | 1   |                |                  |

**Zona de Amortiguamiento**  
**“Faro de Chalacatepec”**  
**(Superficie 3-73-78.23 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
|         |             |                    | 1            | 472,654.407300 | 2,176,159.469700 |
| 1 - 2   | 60°54'11"SW | 7.84               | 2            | 472,647.554700 | 2,176,155.656100 |
| 2 - 3   | 85°30'46"NW | 44.97              | 3            | 472,602.724200 | 2,176,159.174200 |
| 3 - 4   | 89°18'01"NW | 46.25              | 4            | 472,556.476900 | 2,176,159.739000 |
| 4 - 5   | 63°00'40"NW | 49.62              | 5            | 472,512.265100 | 2,176,182.255000 |
| 5 - 6   | 87°40'03"SW | 8.42               | 6            | 472,503.849000 | 2,176,181.912200 |
| 6 - 7   | 87°40'04"SW | 39.52              | 7            | 472,464.358200 | 2,176,180.303900 |
| 7 - 8   | 68°34'08"NW | 48.91              | 8            | 472,418.832000 | 2,176,198.173700 |
| 8 - 9   | 52°41'28"SW | 8.25               | 9            | 472,412.267100 | 2,176,193.171000 |
| 9 - 10  | 52°41'31"SW | 33.68              | 10           | 472,385.481900 | 2,176,172.760300 |
| 10 - 11 | 52°41'31"SW | 7.43               | 11           | 472,379.573100 | 2,176,168.257700 |
| 11 - 12 | 42°48'33"SW | 49.68              | 12           | 472,345.815800 | 2,176,131.814900 |
| 12 - 13 | 35°39'23"SW | 16.21              | 13           | 472,336.368100 | 2,176,118.645900 |
| 13 - 14 | 35°39'17"SW | 5.58               | 14           | 472,333.115300 | 2,176,114.111600 |
| 14 - 15 | 35°39'22"SW | 28.12              | 15           | 472,316.721500 | 2,176,091.260300 |
| 15 - 16 | 14°46'56"SE | 35.02              | 16           | 472,325.656900 | 2,176,057.398700 |
| 16 - 17 | 84°19'15"NE | 15.76              | 17           | 472,341.338000 | 2,176,058.958100 |
| 17 - 18 | 84°19'14"NE | 16.92              | 18           | 472,358.177000 | 2,176,060.632700 |
| 18 - 19 | 84°19'14"NE | 16.10              | 19           | 472,374.199500 | 2,176,062.226100 |
| 19 - 20 | 70°24'31"NE | 48.67              | 20           | 472,420.047600 | 2,176,078.544000 |
| 20 - 21 | 79°21'43"NE | 28.13              | 21           | 472,447.693400 | 2,176,083.736700 |
| 21 - 22 | 79°21'49"NE | 6.85               | 22           | 472,454.421900 | 2,176,085.000300 |
| 22 - 23 | 79°21'41"NE | 12.74              | 23           | 472,466.938300 | 2,176,087.351400 |
| 23 - 24 | 55°12'06"NE | 25.95              | 24           | 472,488.244300 | 2,176,102.158500 |
| 24 - 25 | 55°12'05"NE | 23.85              | 25           | 472,507.825400 | 2,176,115.767000 |
| 25 - 26 | 78°16'29"NE | 45.94              | 26           | 472,552.808400 | 2,176,125.103100 |
| 26 - 27 | 74°22'39"SE | 7.66               | 27           | 472,560.187500 | 2,176,123.039700 |
| 27 - 28 | 20°58'16"SW | 96.83              | 28           | 472,525.531800 | 2,176,032.623500 |

A partir de este vértice 28 se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia de 210.95 metros hasta llegar al vértice 29.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 29 | 472,632.084200 | 2,176,214.682600 |
| 29 - 1 | 22°00'50"SE | 59.55 | 1  |                |                  |

**Zona de Amortiguamiento**  
**“Boca Río San Nicolás”**  
**(Superficie 34-62-14.31 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice<br>No.- | Coordenadas    |                  |
|---------|-------------|--------------------|-----------------|----------------|------------------|
|         |             |                    |                 | X              | Y                |
| 1 - 2   | 46°00'53"SE | 127.97             | 1               | 476,364.478500 | 2,172,896.762700 |
| 2 - 3   | 45°18'56"SE | 140.96             | 2               | 476,456.552900 | 2,172,807.893900 |
| 3 - 4   | 45°27'54"SE | 117.53             | 3               | 476,556.775600 | 2,172,708.769200 |
| 4 - 5   | 42°05'53"SE | 101.44             | 4               | 476,640.553500 | 2,172,626.340400 |
| 5 - 6   | 45°34'12"SE | 77.03              | 5               | 476,708.560100 | 2,172,551.071600 |
| 6 - 7   | 50°57'29"SE | 77.30              | 6               | 476,763.570000 | 2,172,497.145800 |
| 7 - 8   | 53°59'38"SE | 72.80              | 7               | 476,823.605500 | 2,172,448.457300 |
| 8 - 9   | 53°59'38"SE | 72.80              | 8               | 476,882.499200 | 2,172,405.659100 |
| 9 - 10  | 56°33'38"SE | 54.67              | 9               | 476,928.117000 | 2,172,375.534800 |
| 10 - 11 | 50°24'51"SE | 86.91              | 10              | 476,995.099300 | 2,172,320.150200 |
| 11 - 12 | 04°15'47"SW | 3.54               | 11              | 476,994.836400 | 2,172,316.623500 |
| 12 - 13 | 48°05'07"SE | 70.43              | 12              | 477,047.243100 | 2,172,269.577500 |
| 13 - 14 | 52°27'44"SE | 76.36              | 13              | 477,107.789100 | 2,172,223.055800 |
| 14 - 15 | 58°14'41"SE | 76.56              | 14              | 477,172.886300 | 2,172,182.764300 |
| 15 - 16 | 61°38'54"NE | 26.61              | 15              | 477,196.305000 | 2,172,195.401100 |
| 16 - 17 | 19°05'23"SE | 41.07              | 16              | 477,209.735900 | 2,172,156.592500 |
| 17 - 18 | 53°37'00"SE | 53.25              | 17              | 477,252.607300 | 2,172,125.004500 |
| 18 - 19 | 50°54'33"SE | 42.49              | 18              | 477,285.587800 | 2,172,098.210800 |
| 19 - 20 | 43°09'12"SE | 58.65              | 19              | 477,325.700500 | 2,172,055.425700 |
| 20 - 21 | 45°07'02"SE | 42.01              | 20              | 477,355.463600 | 2,172,025.784300 |
| 21 - 22 | 54°57'30"SE | 61.16              | 21              | 477,405.537900 | 2,171,990.667800 |
| 22 - 23 | 45°44'37"SE | 42.99              | 22              | 477,436.331500 | 2,171,960.663400 |
| 23 - 24 | 46°26'33"SE | 45.21              | 23              | 477,469.095500 | 2,171,929.509100 |
| 24 - 25 | 43°38'48"SE | 70.34              | 24              | 477,517.648200 | 2,171,878.606900 |
| 25 - 26 | 51°39'39"SE | 59.37              | 25              | 477,564.217100 | 2,171,841.777600 |
| 26 - 27 | 58°39'39"SE | 64.67              | 26              | 477,619.454100 | 2,171,808.141300 |
| 27 - 28 | 41°18'38"SE | 68.30              | 27              | 477,664.542600 | 2,171,756.837600 |
| 28 - 29 | 42°40'50"SE | 68.24              | 28              | 477,710.801600 | 2,171,706.673500 |
| 29 - 30 | 68°54'51"SE | 49.82              | 29              | 477,757.287700 | 2,171,688.749400 |
| 30 - 31 | 69°25'51"SE | 39.23              | 30              | 477,794.014300 | 2,171,674.967400 |
| 31 - 32 | 53°01'49"SE | 45.58              | 31              | 477,830.432400 | 2,171,647.554600 |
| 32 - 33 | 52°21'14"SE | 85.33              | 32              | 477,897.997600 | 2,171,595.436200 |
| 33 - 34 | 85°28'49"SE | 50.55              | 33              | 477,948.392800 | 2,171,591.452800 |
| 34 - 35 | 27°56'37"SE | 25.05              | 34              | 477,960.131600 | 2,171,569.323000 |
| 35 - 36 | 43°21'14"SE | 33.54              | 35              | 477,983.155600 | 2,171,544.936700 |
| 36 - 37 | 50°05'27"SW | 56.59              | 36              | 477,939.747400 | 2,171,508.630200 |
| 37 - 38 | 30°44'28"SE | 12.67              | 37              | 477,946.225700 | 2,171,497.737400 |
| 38 - 39 | 78°17'49"SW | 32.23              | 38              | 477,914.668400 | 2,171,491.200500 |
| 39 - 40 | 66°49'54"NW | 50.62              | 39              | 477,868.132300 | 2,171,511.115200 |
| 40 - 41 | 11°11'06"SE | 18.76              | 40              | 477,871.770900 | 2,171,492.713700 |
| 41 - 42 | 53°20'57"SE | 29.60              | 41              | 477,895.522000 | 2,171,475.042000 |
| 42 - 43 | 39°18'11"SE | 34.77              | 42              | 477,917.543900 | 2,171,448.139500 |
| 43 - 44 | 56°26'22"SE | 15.52              | 43              | 477,930.480400 | 2,171,439.557400 |
| 44 - 45 | 54°38'04"SE | 18.70              | 44              | 477,945.727200 | 2,171,428.735900 |
| 45 - 46 | 20°13'52"SE | 22.79              | 45              | 477,953.607900 | 2,171,407.352800 |
| 46 - 47 | 38°38'50"SE | 21.60              | 46              | 477,967.100600 | 2,171,390.479400 |
| 47 - 48 | 13°55'44"SW | 22.85              | 47              | 477,961.601200 | 2,171,368.305700 |
| 48 - 49 | 80°28'16"SE | 43.44              | 48              | 478,004.440500 | 2,171,361.114800 |
| 49 - 50 | 47°38'35"SW | 22.42              | 49              | 477,987.875900 | 2,171,346.012100 |
| 50 - 51 | 30°14'08"SE | 46.90              | 50              | 478,011.494900 | 2,171,305.488700 |
| 51 - 52 | 41°20'00"SE | 66.20              | 51              | 478,055.213100 | 2,171,255.783700 |
| 52 - 53 | 50°57'14"SE | 16.46              | 52              | 478,067.995100 | 2,171,245.416000 |
| 53 - 54 | 52°38'26"SE | 19.00              | 53              | 478,083.094300 | 2,171,233.888800 |
| 54 - 55 | 41°44'36"SE | 23.81              | 54              | 478,098.943600 | 2,171,216.127100 |

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|--------------------|--------------|----------------|------------------|
|         |             |                    |              | X              | Y                |
| 54 - 55 | 52°42'45"SE | 11.82              | 55           | 478,108.346700 | 2,171,208.967100 |
| 55 - 56 | 52°42'42"SE | 13.41              | 56           | 478,119.017500 | 2,171,200.841600 |
| 56 - 57 | 83°10'06"SE | 15.83              | 57           | 478,134.731600 | 2,171,198.959000 |
| 57 - 58 | 89°03'46"NE | 20.12              | 58           | 478,154.851700 | 2,171,199.288100 |
| 58 - 59 | 36°12'45"SE | 19.14              | 59           | 478,166.159400 | 2,171,183.845300 |
| 59 - 60 | 17°32'24"SW | 16.90              | 60           | 478,161.064700 | 2,171,167.726400 |
| 60 - 61 | 19°47'50"SW | 25.59              | 61           | 478,152.396000 | 2,171,143.644800 |
| 61 - 62 | 32°00'45"SW | 32.48              | 62           | 478,135.175600 | 2,171,116.099900 |
| 62 - 63 | 33°58'30"SW | 18.86              | 63           | 478,124.636500 | 2,171,100.460400 |
| 63 - 64 | 54°39'48"SW | 28.39              | 64           | 478,101.473000 | 2,171,084.037600 |

A partir de este vértice 65 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia de 2,500.09 metros hasta llegar al vértice 65.

|        |             |        |    |                |                  |
|--------|-------------|--------|----|----------------|------------------|
|        |             |        | 65 | 476,287.578800 | 2,172,804.566700 |
| 65 - 1 | 39°49'52"NE | 120.06 | 1  |                |                  |

### Zona Núcleo

#### “Villa del Mar 1”

(Superficie 37-94-22.12 hectáreas)

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
|         |             |                    | 1            | 442,095.309800  | 2,236,553.829900 |
| 1 - 2   | 20°22'50"SE | 49.98              | 2            | 442,112.717400  | 2,236,506.974000 |
| 2 - 3   | 22°32'39"SE | 49.76              | 3            | 442,131.794600  | 2,236,461.018000 |
| 3 - 4   | 29°22'53"SE | 49.83              | 4            | 442,156.240500  | 2,236,417.600900 |
| 4 - 5   | 19°25'00"SE | 49.39              | 5            | 442,172.659600  | 2,236,371.019900 |
| 5 - 6   | 30°12'30"SE | 49.96              | 6            | 442,197.797100  | 2,236,327.844100 |
| 6 - 7   | 23°36'06"SE | 49.98              | 7            | 442,217.807800  | 2,236,282.045200 |
| 7 - 8   | 21°59'32"SE | 49.99              | 8            | 442,236.527300  | 2,236,235.695100 |
| 8 - 9   | 21°38'58"SE | 49.99              | 9            | 442,254.971300  | 2,236,189.228100 |
| 9 - 10  | 21°17'53"SE | 48.01              | 10           | 442,272.410700  | 2,236,144.494100 |
| 10 - 11 | 44°13'51"SE | 40.44              | 11           | 442,300.623200  | 2,236,115.514000 |
| 11 - 12 | 31°52'07"SE | 27.86              | 12           | 442,315.334700  | 2,236,091.850200 |
| 12 - 13 | 10°53'28"SW | 49.88              | 13           | 442,305.910200  | 2,236,042.868800 |
| 13 - 14 | 11°11'47"SE | 49.94              | 14           | 442,315.606700  | 2,235,993.882900 |
| 14 - 15 | 49°01'15"SE | 48.05              | 15           | 442,351.884900  | 2,235,962.369900 |
| 15 - 16 | 28°43'09"SE | 48.22              | 16           | 442,375.055500  | 2,235,920.081800 |
| 16 - 17 | 24°13'39"SE | 50.00              | 17           | 442,395.573800  | 2,235,874.485200 |
| 17 - 18 | 26°07'46"SE | 49.97              | 18           | 442,417.579300  | 2,235,829.624900 |
| 18 - 19 | 28°23'34"SE | 50.00              | 19           | 442,441.355200  | 2,235,785.639300 |
| 19 - 20 | 33°27'09"SE | 49.92              | 20           | 442,468.874200  | 2,235,743.987700 |
| 20 - 21 | 14°13'56"SE | 47.57              | 21           | 442,480.568600  | 2,235,697.881000 |
| 21 - 22 | 61°08'56"SW | 43.74              | 22           | 442,442.253800  | 2,235,676.772800 |
| 22 - 23 | 00°26'46"SE | 40.00              | 23           | 442,442.565400  | 2,235,636.770100 |
| 23 - 24 | 19°03'43"SE | 9.24               | 24           | 442,445.582400  | 2,235,628.038800 |
| 24 - 25 | 19°03'42"SE | 40.66              | 25           | 442,458.862600  | 2,235,589.605100 |
| 25 - 26 | 23°39'08"SE | 49.99              | 26           | 442,478.919100  | 2,235,543.811700 |
| 26 - 27 | 22°19'34"SE | 13.55              | 27           | 442,484.068200  | 2,235,531.273300 |
| 27 - 28 | 22°19'35"SE | 36.45              | 28           | 442,497.913200  | 2,235,497.560100 |
| 28 - 29 | 20°34'31"SE | 49.99              | 29           | 442,515.481800  | 2,235,450.758800 |
| 29 - 30 | 20°09'57"SE | 19.56              | 30           | 442,522.225500  | 2,235,432.396200 |
| 30 - 31 | 20°09'57"SE | 30.44              | 31           | 442,532.718700  | 2,235,403.824100 |
| 31 - 32 | 19°40'49"SE | 49.99              | 32           | 442,549.555300  | 2,235,356.750800 |
| 32 - 33 | 18°30'06"SE | 25.53              | 33           | 442,557.657900  | 2,235,332.537300 |
| 33 - 34 | 18°30'05"SE | 24.47              | 34           | 442,565.422000  | 2,235,309.335000 |
| 34 - 35 | 18°30'22"SE | 35.42              | 35           | 442,576.665000  | 2,235,275.745200 |
| 35 - 36 | 18°30'21"SE | 14.58              | 36           | 442,581.292200  | 2,235,261.920700 |

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
| 36 - 37 | 18°34'12"SE | 50.00              | 37           | 442,597.215500  | 2,235,214.524000 |
| 37 - 38 | 18°43'22"SE | 50.00              | 38           | 442,613.264700  | 2,235,167.171300 |
| 38 - 39 | 18°24'15"SE | 49.99              | 39           | 442,629.048900  | 2,235,119.734200 |
| 39 - 40 | 18°23'25"SE | 50.00              | 40           | 442,644.822600  | 2,235,072.290200 |
| 40 - 41 | 19°18'40"SE | 33.00              | 41           | 442,655.735300  | 2,235,041.147900 |
| 41 - 42 | 19°18'40"SE | 16.98              | 42           | 442,661.350700  | 2,235,025.123000 |
| 42 - 43 | 18°27'56"SE | 50.00              | 43           | 442,677.187000  | 2,234,977.699200 |
| 43 - 44 | 19°10'53"SE | 50.00              | 44           | 442,693.615100  | 2,234,930.475200 |
| 44 - 45 | 19°17'24"SE | 50.00              | 45           | 442,710.132600  | 2,234,883.282800 |
| 45 - 46 | 19°17'23"SE | 50.00              | 46           | 442,726.650100  | 2,234,836.089800 |
| 46 - 47 | 19°17'24"SE | 50.00              | 47           | 442,743.167600  | 2,234,788.896900 |
| 47 - 48 | 07°25'28"SE | 49.87              | 48           | 442,749.611800  | 2,234,739.446200 |
| 48 - 49 | 10°32'20"SE | 49.81              | 49           | 442,758.721900  | 2,234,690.479000 |
| 49 - 50 | 16°04'53"SE | 50.00              | 50           | 442,772.572200  | 2,234,642.435800 |
| 50 - 51 | 15°09'11"SE | 49.99              | 51           | 442,785.640700  | 2,234,594.179800 |
| 51 - 52 | 14°19'41"SE | 4.97               | 52           | 442,786.870500  | 2,234,589.365000 |
| 52 - 53 | 14°19'44"SE | 45.03              | 53           | 442,798.015100  | 2,234,545.735100 |
| 53 - 54 | 14°03'04"SE | 21.54              | 54           | 442,803.245700  | 2,234,524.835900 |
| 54 - 55 | 14°03'03"SE | 9.86               | 55           | 442,805.639400  | 2,234,515.271500 |
| 55 - 56 | 14°03'04"SE | 18.59              | 56           | 442,810.154000  | 2,234,497.233000 |
| 56 - 57 | 15°18'14"SE | 49.98              | 57           | 442,823.346100  | 2,234,449.024000 |
| 57 - 58 | 17°18'00"SE | 40.07              | 58           | 442,835.262800  | 2,234,410.764300 |
| 58 - 59 | 17°18'01"SE | 9.93               | 59           | 442,838.215000  | 2,234,401.286100 |
| 59 - 60 | 17°18'00"SE | 50.00              | 60           | 442,853.083900  | 2,234,353.548000 |
| 60 - 61 | 16°54'41"SE | 50.00              | 61           | 442,867.628500  | 2,234,305.710900 |
| 61 - 62 | 17°02'49"SE | 50.00              | 62           | 442,882.285600  | 2,234,257.909800 |
| 62 - 63 | 16°22'24"SE | 50.00              | 63           | 442,896.380300  | 2,234,209.938100 |
| 63 - 64 | 16°15'49"SE | 12.79              | 64           | 442,899.961700  | 2,234,197.661800 |
| 64 - 65 | 16°15'48"SE | 37.21              | 65           | 442,910.383000  | 2,234,161.939000 |
| 65 - 66 | 16°15'48"SE | 18.94              | 66           | 442,915.686900  | 2,234,143.757900 |
| 66 - 67 | 16°15'48"SE | 31.06              | 67           | 442,924.385600  | 2,234,113.939900 |
| 67 - 68 | 18°52'14"SE | 49.98              | 68           | 442,940.550500  | 2,234,066.646800 |
| 68 - 69 | 19°26'24"SE | 49.96              | 69           | 442,957.179200  | 2,234,019.532200 |
| 69 - 70 | 16°05'27"SE | 50.00              | 70           | 442,971.037200  | 2,233,971.491200 |
| 70 - 71 | 16°05'27"SE | 50.00              | 71           | 442,984.895300  | 2,233,923.450100 |
| 71 - 72 | 16°05'26"SE | 50.00              | 72           | 442,998.753300  | 2,233,875.408900 |
| 72 - 73 | 16°56'31"SE | 49.99              | 73           | 443,013.321400  | 2,233,827.585900 |
| 73 - 74 | 10°22'04"SE | 49.87              | 74           | 443,022.296900  | 2,233,778.528100 |
| 74 - 75 | 11°08'03"SE | 50.00              | 75           | 443,031.952400  | 2,233,729.469200 |
| 75 - 76 | 11°08'03"SE | 50.00              | 76           | 443,041.607800  | 2,233,680.410200 |
| 76 - 77 | 11°23'08"SE | 50.00              | 77           | 443,051.478300  | 2,233,631.395100 |
| 77 - 78 | 12°14'25"SE | 49.99              | 78           | 443,062.077500  | 2,233,582.539100 |
| 78 - 79 | 11°25'21"SE | 50.00              | 79           | 443,071.979800  | 2,233,533.529700 |
| 79 - 80 | 11°49'53"SE | 50.00              | 80           | 443,082.231600  | 2,233,484.591900 |
| 80 - 81 | 11°40'53"SE | 50.00              | 81           | 443,092.354700  | 2,233,435.630000 |
| 81 - 82 | 09°19'25"SE | 50.00              | 82           | 443,100.455300  | 2,233,386.290900 |
| 82 - 83 | 09°19'24"SE | 50.00              | 83           | 443,108.555700  | 2,233,336.951100 |
| 83 - 84 | 09°38'54"SE | 50.00              | 84           | 443,116.935500  | 2,233,287.661000 |
| 84 - 85 | 06°05'31"SE | 49.98              | 85           | 443,122.239800  | 2,233,237.962000 |
| 85 - 86 | 05°01'09"SE | 50.00              | 86           | 443,126.614400  | 2,233,188.153900 |
| 86 - 87 | 05°01'41"SE | 11.73              | 87           | 443,127.642600  | 2,233,176.467500 |
| 87 - 88 | 05°01'42"SE | 38.27              | 88           | 443,130.996800  | 2,233,138.346200 |
| 88 - 89 | 05°34'10"SE | 23.82              | 89           | 443,133.308400  | 2,233,114.640900 |
| 89 - 90 | 05°34'10"SE | 26.18              | 90           | 443,135.849200  | 2,233,088.584900 |
| 90 - 91 | 04°42'25"SE | 50.00              | 91           | 443,139.952200  | 2,233,038.753800 |
| 91 - 92 | 04°40'00"SE | 50.00              | 92           | 443,144.020300  | 2,232,988.919900 |
| 92 - 93 | 08°44'09"SE | 49.96              | 93           | 443,151.608300  | 2,232,939.539800 |
| 93 - 94 | 10°05'21"SE | 50.00              | 94           | 443,160.367500  | 2,232,890.312800 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 94 - 95   | 10°05'21"SE | 50.00              | 95           | 443,169.126700  | 2,232,841.085900 |
| 95 - 96   | 10°05'21"SE | 50.00              | 96           | 443,177.885900  | 2,232,791.859000 |
| 96 - 97   | 10°05'21"SE | 50.00              | 97           | 443,186.645100  | 2,232,742.632100 |
| 97 - 98   | 15°43'27"SE | 50.00              | 98           | 443,200.195100  | 2,232,694.505100 |
| 98 - 99   | 15°45'45"SE | 50.00              | 99           | 443,213.777700  | 2,232,646.385200 |
| 99 - 100  | 08°21'17"SE | 48.92              | 100          | 443,220.885500  | 2,232,597.986900 |
| 100 - 101 | 07°32'23"SE | 49.40              | 101          | 443,227.367200  | 2,232,549.017100 |
| 101 - 102 | 09°44'28"SE | 49.99              | 102          | 443,235.825400  | 2,232,499.748100 |
| 102 - 103 | 15°41'18"SE | 50.00              | 103          | 443,249.345600  | 2,232,451.611000 |
| 103 - 104 | 15°31'09"SE | 49.99              | 104          | 443,262.722300  | 2,232,403.438900 |
| 104 - 105 | 11°05'30"SE | 50.00              | 105          | 443,272.341300  | 2,232,354.372800 |
| 105 - 106 | 13°16'32"SE | 49.80              | 106          | 443,283.778100  | 2,232,305.900200 |
| 106 - 107 | 26°27'15"SE | 49.99              | 107          | 443,306.046300  | 2,232,261.147900 |
| 107 - 108 | 17°51'38"SE | 49.69              | 108          | 443,321.286300  | 2,232,213.852900 |
| 108 - 109 | 11°52'14"SE | 67.14              | 109          | 443,335.096600  | 2,232,148.151600 |
| 109 - 110 | 75°57'23"SW | 79.13              | 110          | 443,258.328100  | 2,232,128.949300 |

A partir de este vértice 110 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 4,552.29 metros hasta llegar al vértice 111.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 111 | 442,008.012400 | 2,236,506.167800 |
| 111 - 1 | 61°21'59"NE | 99.46 | 1   |                |                  |

### Zona Núcleo

#### “Villa del Mar 2”

(Superficie 56-11-79.39 hectáreas)

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
|         |             |                    | 1            | 443,270.862600  | 2,231,479.922900 |
| 1 - 2   | 17°05'20"SW | 49.89              | 2            | 443,256.201800  | 2,231,432.234900 |
| 2 - 3   | 20°20'00"SW | 50.00              | 3            | 443,238.827700  | 2,231,385.350700 |
| 3 - 4   | 20°20'00"SW | 50.00              | 4            | 443,221.453500  | 2,231,338.466100 |
| 4 - 5   | 22°08'04"SW | 49.96              | 5            | 443,202.628600  | 2,231,292.186200 |
| 5 - 6   | 24°54'17"SW | 50.00              | 6            | 443,181.573000  | 2,231,246.836000 |
| 6 - 7   | 24°54'16"SW | 50.00              | 7            | 443,160.517400  | 2,231,201.485300 |
| 7 - 8   | 24°54'17"SW | 50.00              | 8            | 443,139.461900  | 2,231,156.135000 |
| 8 - 9   | 24°54'17"SW | 50.00              | 9            | 443,118.406300  | 2,231,110.784800 |
| 9 - 10  | 22°44'35"SW | 49.93              | 10           | 443,099.103600  | 2,231,064.737800 |
| 10 - 11 | 18°26'06"SW | 50.00              | 11           | 443,083.292100  | 2,231,017.303800 |
| 11 - 12 | 18°26'04"SW | 50.00              | 12           | 443,067.480800  | 2,230,969.869200 |
| 12 - 13 | 18°26'05"SW | 28.99              | 13           | 443,058.313600  | 2,230,942.367500 |
| 13 - 14 | 18°26'06"SW | 21.01              | 14           | 443,051.669400  | 2,230,922.435100 |
| 14 - 15 | 19°48'20"SW | 49.99              | 15           | 443,034.729800  | 2,230,875.398300 |
| 15 - 16 | 20°22'35"SW | 50.00              | 16           | 443,017.320500  | 2,230,828.527100 |
| 16 - 17 | 20°22'35"SW | 47.71              | 17           | 443,000.706900  | 2,230,783.798400 |
| 17 - 18 | 20°22'39"SW | 2.29               | 18           | 442,999.911100  | 2,230,781.656000 |
| 18 - 19 | 34°45'50"SW | 49.14              | 19           | 442,971.888800  | 2,230,741.283000 |
| 19 - 20 | 42°34'49"SW | 65.38              | 20           | 442,927.654000  | 2,230,693.145000 |
| 20 - 21 | 42°34'50"SW | 34.62              | 21           | 442,904.226200  | 2,230,667.650100 |
| 21 - 22 | 42°34'49"SW | 50.00              | 22           | 442,870.395000  | 2,230,630.833800 |
| 22 - 23 | 31°35'52"SW | 49.18              | 23           | 442,844.625300  | 2,230,588.942200 |
| 23 - 24 | 21°48'05"SW | 50.00              | 24           | 442,826.055800  | 2,230,542.518800 |
| 24 - 25 | 21°48'04"SW | 50.00              | 25           | 442,807.486300  | 2,230,496.094900 |
| 25 - 26 | 10°50'52"SW | 49.63              | 26           | 442,798.145800  | 2,230,447.351800 |
| 26 - 27 | 09°05'05"SW | 49.70              | 27           | 442,790.298900  | 2,230,398.278900 |
| 27 - 28 | 05°32'30"SW | 49.97              | 28           | 442,785.473500  | 2,230,348.546100 |
| 28 - 29 | 01°30'43"SW | 50.00              | 29           | 442,784.154200  | 2,230,298.563200 |
| 29 - 30 | 01°30'42"SW | 50.00              | 30           | 442,782.835000  | 2,230,248.581000 |
| 30 - 31 | 01°30'42"SW | 50.00              | 31           | 442,781.515800  | 2,230,198.598200 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 31 - 32 | 03°29'11"SW | 49.95                 | 32           | 442,778.478400  | 2,230,148.742800 |
| 32 - 33 | 00°08'50"SE | 49.83                 | 33           | 442,778.606500  | 2,230,098.916100 |
| 33 - 34 | 07°14'11"SE | 49.98                 | 34           | 442,784.901900  | 2,230,049.336700 |
| 34 - 35 | 07°59'21"SE | 50.00                 | 35           | 442,791.851300  | 2,229,999.821900 |
| 35 - 36 | 14°56'20"SE | 49.97                 | 36           | 442,804.732900  | 2,229,951.542000 |
| 36 - 37 | 15°31'39"SE | 50.00                 | 37           | 442,818.118000  | 2,229,903.366900 |
| 37 - 38 | 06°33'17"SE | 49.19                 | 38           | 442,823.732800  | 2,229,854.502200 |
| 38 - 39 | 05°23'22"SW | 50.00                 | 39           | 442,819.036600  | 2,229,804.723800 |
| 39 - 40 | 05°23'21"SW | 50.00                 | 40           | 442,814.340500  | 2,229,754.944800 |
| 40 - 41 | 05°23'21"SW | 50.00                 | 41           | 442,809.644400  | 2,229,705.165800 |
| 41 - 42 | 05°33'37"SW | 50.00                 | 42           | 442,804.799900  | 2,229,655.403900 |
| 42 - 43 | 07°56'36"SW | 50.00                 | 43           | 442,797.890100  | 2,229,605.883900 |
| 43 - 44 | 07°56'35"SW | 50.00                 | 44           | 442,790.980400  | 2,229,556.363200 |
| 44 - 45 | 07°56'36"SW | 50.00                 | 45           | 442,784.070500  | 2,229,506.843100 |
| 45 - 46 | 10°16'37"SW | 49.96                 | 46           | 442,775.157300  | 2,229,457.684800 |
| 46 - 47 | 19°55'04"SW | 49.18                 | 47           | 442,758.403600  | 2,229,411.448100 |
| 47 - 48 | 26°33'14"SW | 49.87                 | 48           | 442,736.108900  | 2,229,366.837200 |
| 48 - 49 | 11°31'40"SW | 48.35                 | 49           | 442,726.445400  | 2,229,319.458300 |
| 49 - 50 | 04°17'31"SE | 49.25                 | 50           | 442,730.131400  | 2,229,270.345900 |
| 50 - 51 | 05°12'21"SW | 50.00                 | 51           | 442,725.594500  | 2,229,220.552000 |
| 51 - 52 | 05°12'22"SW | 80.36                 | 52           | 442,718.302300  | 2,229,140.519200 |
| 52 - 53 | 05°12'23"SW | 19.64                 | 53           | 442,716.520500  | 2,229,120.964800 |
| 53 - 54 | 03°17'39"SW | 49.99                 | 54           | 442,713.648000  | 2,229,071.059800 |
| 54 - 55 | 02°26'11"SW | 50.00                 | 55           | 442,711.522300  | 2,229,021.105000 |
| 55 - 56 | 02°26'11"SW | 50.00                 | 56           | 442,709.396600  | 2,228,971.150100 |
| 56 - 57 | 02°26'12"SW | 22.69                 | 57           | 442,708.432100  | 2,228,948.485100 |
| 57 - 58 | 02°26'12"SW | 27.31                 | 58           | 442,707.270800  | 2,228,921.195200 |
| 58 - 59 | 00°24'06"SW | 49.99                 | 59           | 442,706.920200  | 2,228,871.202900 |
| 59 - 60 | 00°00'00"SE | 50.00                 | 60           | 442,706.920200  | 2,228,821.202800 |
| 60 - 61 | 00°00'00"SE | 50.00                 | 61           | 442,706.920200  | 2,228,771.202800 |
| 61 - 62 | 00°00'00"SE | 17.78                 | 62           | 442,706.920200  | 2,228,753.426100 |
| 62 - 63 | 04°47'36"SE | 81.98                 | 63           | 442,713.771100  | 2,228,671.728700 |
| 63 - 64 | 02°43'54"SE | 49.89                 | 64           | 442,716.148800  | 2,228,621.899000 |
| 64 - 65 | 05°54'28"SE | 49.88                 | 65           | 442,721.283500  | 2,228,572.279200 |
| 65 - 66 | 15°51'46"SE | 10.92                 | 66           | 442,724.268100  | 2,228,561.775800 |
| 66 - 67 | 15°51'46"SE | 38.46                 | 67           | 442,734.781100  | 2,228,524.778800 |
| 67 - 68 | 06°42'43"SE | 49.95                 | 68           | 442,740.619700  | 2,228,475.167800 |
| 68 - 69 | 09°11'30"SE | 49.74                 | 69           | 442,748.565000  | 2,228,426.067800 |
| 69 - 70 | 01°57'24"SE | 49.88                 | 70           | 442,750.268100  | 2,228,376.218200 |
| 70 - 71 | 05°09'13"SE | 49.99                 | 71           | 442,754.758900  | 2,228,326.426800 |
| 71 - 72 | 12°28'54"SE | 49.94                 | 72           | 442,765.553100  | 2,228,277.664200 |
| 72 - 73 | 08°50'49"SE | 49.75                 | 73           | 442,773.204200  | 2,228,228.508100 |
| 73 - 74 | 07°39'59"SE | 49.78                 | 74           | 442,779.844900  | 2,228,179.175800 |
| 74 - 75 | 08°26'29"SE | 49.72                 | 75           | 442,787.143200  | 2,228,129.998900 |
| 75 - 76 | 05°33'10"SE | 50.00                 | 76           | 442,791.981400  | 2,228,080.233200 |
| 76 - 77 | 03°32'38"SW | 47.34                 | 77           | 442,789.055100  | 2,228,032.983800 |
| 77 - 78 | 24°24'02"SE | 49.22                 | 78           | 442,809.389700  | 2,227,988.157800 |
| 78 - 79 | 10°03'52"SE | 49.90                 | 79           | 442,818.109700  | 2,227,939.027800 |
| 79 - 80 | 04°27'41"SE | 50.00                 | 80           | 442,821.999300  | 2,227,889.179100 |
| 80 - 81 | 04°27'42"SE | 50.00                 | 81           | 442,825.888900  | 2,227,839.330800 |
| 81 - 82 | 11°18'17"SE | 49.91                 | 82           | 442,835.671700  | 2,227,790.393700 |
| 82 - 83 | 19°28'55"SE | 49.73                 | 83           | 442,852.257600  | 2,227,743.510100 |
| 83 - 84 | 12°24'43"SE | 49.69                 | 84           | 442,862.937800  | 2,227,694.983100 |
| 84 - 85 | 08°24'53"SE | 49.84                 | 85           | 442,870.231300  | 2,227,645.679800 |
| 85 - 86 | 07°56'42"SE | 49.28                 | 86           | 442,877.043100  | 2,227,596.872000 |
| 86 - 87 | 15°08'21"SE | 48.86                 | 87           | 442,889.803900  | 2,227,549.707100 |
| 87 - 88 | 07°10'58"SE | 49.29                 | 88           | 442,895.967500  | 2,227,500.800100 |
| 88 - 89 | 05°05'20"SE | 49.83                 | 89           | 442,900.387700  | 2,227,451.165000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 89 - 90   | 22°26'29"SE | 49.91                 | 90           | 442,919.440900  | 2,227,405.033100 |
| 90 - 91   | 04°20'08"SE | 49.69                 | 91           | 442,923.197300  | 2,227,355.489000 |
| 91 - 92   | 14°55'27"SW | 49.64                 | 92           | 442,910.413000  | 2,227,307.524200 |
| 92 - 93   | 19°07'44"SW | 49.75                 | 93           | 442,894.108900  | 2,227,260.518000 |
| 93 - 94   | 19°34'23"SW | 49.86                 | 94           | 442,877.406500  | 2,227,213.542800 |
| 94 - 95   | 45°56'40"SW | 45.37                 | 95           | 442,844.801000  | 2,227,181.994900 |
| 95 - 96   | 15°13'43"SW | 49.21                 | 96           | 442,831.873700  | 2,227,134.508900 |
| 96 - 97   | 11°41'32"SE | 46.30                 | 97           | 442,841.255900  | 2,227,089.173200 |
| 97 - 98   | 25°13'53"SW | 49.86                 | 98           | 442,820.003300  | 2,227,044.073800 |
| 98 - 99   | 07°40'02"SW | 49.18                 | 99           | 442,813.441600  | 2,226,995.334200 |
| 99 - 100  | 17°49'08"SW | 50.00                 | 100          | 442,798.141100  | 2,226,947.732900 |
| 100 - 101 | 17°49'07"SW | 50.00                 | 101          | 442,782.840600  | 2,226,900.131200 |
| 101 - 102 | 09°12'26"SW | 49.98                 | 102          | 442,774.842700  | 2,226,850.790900 |
| 102 - 103 | 08°58'21"SW | 33.74                 | 103          | 442,769.580500  | 2,226,817.463800 |
| 103 - 104 | 89°55'11"SW | 63.27                 | 104          | 442,706.310200  | 2,226,817.375400 |

A partir de este vértice 104 se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 4,711.34 metros hasta llegar al vértice 105.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 105 | 443,174.307800 | 2,231,505.409600 |
| 105 - 1 | 75°12'48"SE | 99.86 | 1   |                |                  |

### Zona Núcleo

#### “Mismaloya Norte”

(Superficie 82-62-14.95 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 443,741.097500  | 2,220,248.612600 |
| 1 - 2   | 33°12'00"SE | 3.86                  | 2            | 443,743.209000  | 2,220,245.385900 |
| 2 - 3   | 17°55'13"SE | 1.40                  | 3            | 443,743.641300  | 2,220,244.049100 |
| 3 - 4   | 17°55'22"SE | 48.50                 | 4            | 443,758.566800  | 2,220,197.902100 |
| 4 - 5   | 19°25'26"SE | 49.94                 | 5            | 443,775.173100  | 2,220,150.809000 |
| 5 - 6   | 30°45'31"SE | 49.43                 | 6            | 443,800.450700  | 2,220,108.336100 |
| 6 - 7   | 16°59'03"SE | 46.81                 | 7            | 443,814.125100  | 2,220,063.565500 |
| 7 - 8   | 16°59'07"SE | 1.88                  | 8            | 443,814.673200  | 2,220,061.771100 |
| 8 - 9   | 22°57'37"SE | 14.93                 | 9            | 443,820.497700  | 2,220,048.023100 |
| 9 - 10  | 22°57'38"SE | 35.07                 | 10           | 443,834.177900  | 2,220,015.733100 |
| 10 - 11 | 23°15'09"SE | 15.55                 | 11           | 443,840.318200  | 2,220,001.442900 |
| 11 - 12 | 23°15'07"SE | 34.40                 | 12           | 443,853.898900  | 2,219,969.836000 |
| 12 - 13 | 43°03'40"SE | 48.76                 | 13           | 443,887.190200  | 2,219,934.211900 |
| 13 - 14 | 30°05'50"SE | 50.00                 | 14           | 443,912.263400  | 2,219,890.953900 |
| 14 - 15 | 23°31'03"SE | 49.86                 | 15           | 443,932.158000  | 2,219,845.237800 |
| 15 - 16 | 22°04'40"SE | 49.39                 | 16           | 443,950.722800  | 2,219,799.467900 |
| 16 - 17 | 23°24'31"SE | 49.04                 | 17           | 443,970.205500  | 2,219,754.465000 |
| 17 - 18 | 01°04'29"SE | 14.65                 | 18           | 443,970.480300  | 2,219,739.820100 |
| 18 - 19 | 01°04'29"SE | 34.06                 | 19           | 443,971.119200  | 2,219,705.765000 |
| 19 - 20 | 33°56'28"SE | 31.54                 | 20           | 443,988.727700  | 2,219,679.601600 |
| 20 - 21 | 33°56'29"SE | 13.70                 | 21           | 443,996.374400  | 2,219,668.239900 |
| 21 - 22 | 88°59'06"SE | 49.56                 | 22           | 444,045.927500  | 2,219,667.362000 |
| 22 - 23 | 28°21'39"SE | 49.70                 | 23           | 444,069.535300  | 2,219,623.629100 |
| 23 - 24 | 27°53'38"SE | 49.78                 | 24           | 444,092.823600  | 2,219,579.634000 |
| 24 - 25 | 50°45'28"SE | 49.12                 | 25           | 444,130.867100  | 2,219,548.560000 |
| 25 - 26 | 26°46'17"SE | 48.42                 | 26           | 444,152.677700  | 2,219,505.329000 |
| 26 - 27 | 34°41'12"SE | 49.55                 | 27           | 444,180.875600  | 2,219,464.586100 |
| 27 - 28 | 18°29'22"SE | 48.65                 | 28           | 444,196.305100  | 2,219,418.444000 |
| 28 - 29 | 40°32'40"SE | 49.69                 | 29           | 444,228.602700  | 2,219,380.687900 |
| 29 - 30 | 07°41'47"SE | 5.35                  | 30           | 444,229.319300  | 2,219,375.385300 |
| 30 - 31 | 07°41'46"SE | 26.18                 | 31           | 444,232.824900  | 2,219,349.444900 |
| 31 - 32 | 07°41'47"SE | 11.33                 | 32           | 444,234.342800  | 2,219,338.213000 |
| 32 - 33 | 06°04'41"SE | 49.66                 | 33           | 444,239.601500  | 2,219,288.827200 |
| 33 - 34 | 13°21'46"SE | 49.90                 | 34           | 444,251.135400  | 2,219,240.273900 |
| 34 - 35 | 33°42'05"SE | 49.59                 | 35           | 444,278.651200  | 2,219,199.018100 |



| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 35 - 36 | 22°10'39"SE | 49.14                 | 36           | 444,297.201900  | 2,219,153.510100 |
| 36 - 37 | 20°26'03"SE | 48.02                 | 37           | 444,313.967300  | 2,219,108.511800 |
| 37 - 38 | 22°34'10"SE | 25.38                 | 38           | 444,323.708500  | 2,219,085.075100 |
| 38 - 39 | 22°34'11"SE | 14.40                 | 39           | 444,329.236900  | 2,219,071.774300 |
| 39 - 40 | 22°34'07"SE | 7.66                  | 40           | 444,332.176700  | 2,219,064.701000 |
| 40 - 41 | 19°40'29"SE | 49.26                 | 41           | 444,348.760100  | 2,219,018.321100 |
| 41 - 42 | 21°06'46"SW | 6.51                  | 42           | 444,346.416500  | 2,219,012.251600 |
| 42 - 43 | 21°06'46"SW | 19.07                 | 43           | 444,339.546700  | 2,218,994.460100 |
| 43 - 44 | 75°11'47"SW | 26.56                 | 44           | 444,313.873000  | 2,218,987.675100 |
| 44 - 45 | 27°09'58"SE | 49.91                 | 45           | 444,336.658300  | 2,218,943.275200 |
| 45 - 46 | 68°21'35"SE | 30.96                 | 46           | 444,365.439000  | 2,218,931.856800 |
| 46 - 47 | 87°17'37"NE | 11.36                 | 47           | 444,376.782800  | 2,218,932.393000 |
| 47 - 48 | 87°17'37"NE | 19.40                 | 48           | 444,396.164200  | 2,218,933.309100 |
| 48 - 49 | 11°54'08"SE | 46.50                 | 49           | 444,405.754500  | 2,218,887.809100 |
| 49 - 50 | 23°34'25"SE | 47.74                 | 50           | 444,424.845400  | 2,218,844.056900 |
| 50 - 51 | 59°47'57"SE | 27.27                 | 51           | 444,448.414700  | 2,218,830.338800 |
| 51 - 52 | 59°47'57"SE | 22.45                 | 52           | 444,467.820500  | 2,218,819.044000 |
| 52 - 53 | 34°51'21"SW | 37.97                 | 53           | 444,446.120700  | 2,218,787.887000 |
| 53 - 54 | 04°48'06"SE | 2.09                  | 54           | 444,446.295600  | 2,218,785.804900 |
| 54 - 55 | 04°48'04"SE | 14.47                 | 55           | 444,447.506800  | 2,218,771.385200 |
| 55 - 56 | 04°48'06"SE | 22.58                 | 56           | 444,449.397200  | 2,218,748.881200 |
| 56 - 57 | 12°04'33"SW | 24.56                 | 57           | 444,444.259700  | 2,218,724.867900 |
| 57 - 58 | 12°04'32"SW | 17.84                 | 58           | 444,440.526700  | 2,218,707.418700 |
| 58 - 59 | 23°14'05"SE | 49.93                 | 59           | 444,460.224300  | 2,218,661.538000 |
| 59 - 60 | 39°53'06"SE | 24.13                 | 60           | 444,475.695500  | 2,218,643.024900 |
| 60 - 61 | 39°53'07"SE | 24.77                 | 61           | 444,491.581300  | 2,218,624.015800 |
| 61 - 62 | 19°18'19"SE | 43.53                 | 62           | 444,505.971600  | 2,218,582.936200 |
| 62 - 63 | 19°18'16"SE | 5.63                  | 63           | 444,507.832000  | 2,218,577.625100 |
| 63 - 64 | 31°06'36"SE | 15.88                 | 64           | 444,516.035800  | 2,218,564.030900 |
| 64 - 65 | 31°06'34"SE | 33.90                 | 65           | 444,533.553600  | 2,218,535.002200 |
| 65 - 66 | 18°33'00"SE | 20.62                 | 66           | 444,540.112000  | 2,218,515.458200 |
| 66 - 67 | 18°33'01"SE | 29.26                 | 67           | 444,549.420500  | 2,218,487.719000 |
| 67 - 68 | 29°53'14"SE | 49.13                 | 68           | 444,573.902300  | 2,218,445.121900 |
| 68 - 69 | 29°41'16"SE | 0.07                  | 69           | 444,573.939300  | 2,218,445.057000 |
| 69 - 70 | 29°45'56"SE | 48.64                 | 70           | 444,598.086600  | 2,218,402.835000 |
| 70 - 71 | 23°37'07"SE | 49.89                 | 71           | 444,618.073800  | 2,218,357.126800 |
| 71 - 72 | 16°29'39"SE | 35.11                 | 72           | 444,628.042700  | 2,218,323.460300 |
| 72 - 73 | 16°29'41"SE | 14.75                 | 73           | 444,632.231100  | 2,218,309.315800 |
| 73 - 74 | 23°48'25"SE | 50.00                 | 74           | 444,652.414100  | 2,218,263.570100 |
| 74 - 75 | 32°16'56"SE | 13.08                 | 75           | 444,659.402300  | 2,218,252.508300 |
| 75 - 76 | 32°16'57"SE | 36.68                 | 76           | 444,678.993800  | 2,218,221.496900 |
| 76 - 77 | 26°02'25"SE | 49.19                 | 77           | 444,700.589200  | 2,218,177.299100 |
| 77 - 78 | 22°11'08"SE | 49.73                 | 78           | 444,719.368700  | 2,218,131.248300 |
| 78 - 79 | 26°57'26"SE | 49.99                 | 79           | 444,742.032600  | 2,218,086.686100 |
| 79 - 80 | 24°34'04"SE | 2.69                  | 80           | 444,743.150900  | 2,218,084.239900 |
| 80 - 81 | 24°34'01"SE | 46.07                 | 81           | 444,762.303600  | 2,218,042.343400 |
| 81 - 82 | 23°25'43"SE | 0.00                  | 82           | 444,762.304900  | 2,218,042.340400 |
| 82 - 83 | 24°34'09"SE | 1.24                  | 83           | 444,762.820700  | 2,218,041.212200 |
| 83 - 84 | 26°20'18"SE | 27.61                 | 84           | 444,775.072500  | 2,218,016.464300 |
| 84 - 85 | 26°20'18"SE | 22.37                 | 85           | 444,784.996800  | 2,217,996.417800 |
| 85 - 86 | 26°45'18"SE | 50.00                 | 86           | 444,807.505300  | 2,217,951.771900 |
| 86 - 87 | 23°57'31"SE | 13.63                 | 87           | 444,813.039200  | 2,217,939.318500 |
| 87 - 88 | 23°57'31"SE | 36.34                 | 88           | 444,827.795500  | 2,217,906.111200 |
| 88 - 89 | 22°16'49"SE | 50.00                 | 89           | 444,846.752100  | 2,217,859.845100 |
| 89 - 90 | 24°51'49"SE | 49.69                 | 90           | 444,867.643200  | 2,217,814.764600 |
| 90 - 91 | 24°52'00"SE | 0.31                  | 91           | 444,867.775200  | 2,217,814.479800 |
| 91 - 92 | 26°16'45"SE | 49.95                 | 92           | 444,889.890200  | 2,217,769.692700 |
| 92 - 93 | 30°57'49"SE | 43.92                 | 93           | 444,912.488200  | 2,217,732.029300 |
| 93 - 94 | 30°57'50"SE | 6.08                  | 94           | 444,915.615000  | 2,217,726.818000 |
| 94 - 95 | 30°57'48"SE | 50.00                 | 95           | 444,941.339700  | 2,217,683.943200 |
| 95 - 96 | 30°23'22"SE | 36.40                 | 96           | 444,959.753500  | 2,217,652.544400 |
| 96 - 97 | 30°23'22"SE | 13.60                 | 97           | 444,966.632900  | 2,217,640.813900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 97 - 98   | 28°36'04"SE | 1.16                  | 98           | 444,967.187800  | 2,217,639.796200 |
| 98 - 99   | 28°35'55"SE | 48.79                 | 99           | 444,990.544600  | 2,217,596.954800 |
| 99 - 100  | 24°40'36"SE | 50.00                 | 100          | 445,011.419600  | 2,217,551.520900 |
| 100 - 101 | 23°53'17"SE | 100.00                | 101          | 445,051.913800  | 2,217,460.089200 |
| 101 - 102 | 22°47'06"SE | 49.98                 | 102          | 445,071.269300  | 2,217,414.010800 |
| 102 - 103 | 20°51'15"SE | 50.00                 | 103          | 445,089.069100  | 2,217,367.286200 |
| 103 - 104 | 26°59'23"SE | 49.85                 | 104          | 445,111.691500  | 2,217,322.868000 |
| 104 - 105 | 20°34'08"SE | 30.31                 | 105          | 445,122.338900  | 2,217,294.494500 |
| 105 - 106 | 20°34'08"SE | 19.12                 | 106          | 445,129.057400  | 2,217,276.590900 |
| 106 - 107 | 33°44'49"SE | 16.76                 | 107          | 445,138.368800  | 2,217,262.653800 |
| 107 - 108 | 33°44'48"SE | 30.77                 | 108          | 445,155.464000  | 2,217,237.066000 |
| 108 - 109 | 21°15'08"SE | 49.98                 | 109          | 445,173.579900  | 2,217,190.487000 |
| 109 - 110 | 16°48'07"SE | 49.98                 | 110          | 445,188.027900  | 2,217,142.639100 |
| 110 - 111 | 19°48'49"SE | 50.00                 | 111          | 445,204.974900  | 2,217,095.602100 |
| 111 - 112 | 22°28'47"SE | 11.16                 | 112          | 445,209.242400  | 2,217,085.289200 |
| 112 - 113 | 22°28'45"SE | 38.84                 | 113          | 445,224.092500  | 2,217,049.401300 |
| 113 - 114 | 30°32'39"SE | 26.68                 | 114          | 445,237.650300  | 2,217,026.425400 |
| 114 - 115 | 30°32'35"SE | 3.87                  | 115          | 445,239.617100  | 2,217,023.092200 |
| 115 - 116 | 30°32'40"SE | 19.34                 | 116          | 445,249.446300  | 2,217,006.435100 |
| 116 - 117 | 32°54'11"SE | 47.30                 | 117          | 445,275.142000  | 2,216,966.720300 |
| 117 - 118 | 32°54'11"SE | 2.69                  | 118          | 445,276.605600  | 2,216,964.458200 |
| 118 - 119 | 33°41'24"SE | 50.00                 | 119          | 445,304.340600  | 2,216,922.855900 |
| 119 - 120 | 27°39'06"SE | 49.95                 | 120          | 445,327.522200  | 2,216,878.611000 |
| 120 - 121 | 19°52'09"SE | 49.85                 | 121          | 445,344.466200  | 2,216,831.725300 |
| 121 - 122 | 24°04'06"SE | 48.52                 | 122          | 445,364.254800  | 2,216,787.422000 |
| 122 - 123 | 19°00'23"SE | 8.96                  | 123          | 445,367.171400  | 2,216,778.954700 |
| 123 - 124 | 19°00'25"SE | 102.68                | 124          | 445,400.611300  | 2,216,681.877100 |
| 124 - 125 | 18°26'05"SE | 35.65                 | 125          | 445,411.884900  | 2,216,648.056100 |
| 125 - 126 | 19°04'43"SE | 27.25                 | 126          | 445,420.793000  | 2,216,622.300100 |
| 126 - 127 | 19°04'45"SE | 5.79                  | 127          | 445,422.686400  | 2,216,616.825900 |
| 127 - 128 | 19°04'43"SE | 16.87                 | 128          | 445,428.202000  | 2,216,600.878700 |
| 128 - 129 | 35°21'45"SE | 15.95                 | 129          | 445,437.433800  | 2,216,587.870300 |
| 129 - 130 | 35°21'44"SE | 34.05                 | 130          | 445,457.139400  | 2,216,560.103100 |
| 130 - 131 | 24°46'03"SE | 47.60                 | 131          | 445,477.079900  | 2,216,516.883900 |
| 131 - 132 | 24°45'51"SE | 1.67                  | 132          | 445,477.778600  | 2,216,515.369300 |
| 132 - 133 | 16°10'58"SE | 41.26                 | 133          | 445,489.277600  | 2,216,475.745500 |
| 133 - 134 | 16°10'58"SE | 8.74                  | 134          | 445,491.713200  | 2,216,467.352800 |
| 134 - 135 | 14°59'56"SE | 49.94                 | 135          | 445,504.638300  | 2,216,419.112800 |
| 135 - 136 | 12°42'33"SE | 21.63                 | 136          | 445,509.396000  | 2,216,398.017300 |
| 136 - 137 | 12°42'33"SE | 28.21                 | 137          | 445,515.603200  | 2,216,370.494900 |
| 137 - 138 | 22°14'58"SE | 8.58                  | 138          | 445,518.853800  | 2,216,362.549200 |
| 138 - 139 | 22°14'56"SE | 41.41                 | 139          | 445,534.534800  | 2,216,324.217700 |
| 139 - 140 | 24°27'38"SE | 49.92                 | 140          | 445,555.204300  | 2,216,278.780200 |
| 140 - 141 | 29°21'28"SE | 50.00                 | 141          | 445,579.717300  | 2,216,235.201900 |
| 141 - 142 | 26°26'36"SE | 8.00                  | 142          | 445,583.278300  | 2,216,228.042000 |
| 142 - 143 | 26°26'40"SE | 41.99                 | 143          | 445,601.979200  | 2,216,190.442800 |
| 143 - 144 | 25°35'20"SE | 49.99                 | 144          | 445,623.572000  | 2,216,145.352900 |
| 144 - 145 | 23°21'20"SE | 50.00                 | 145          | 445,643.393800  | 2,216,099.449800 |
| 145 - 146 | 23°15'44"SE | 50.00                 | 146          | 445,663.140900  | 2,216,053.514700 |
| 146 - 147 | 22°59'18"SE | 50.00                 | 147          | 445,682.668300  | 2,216,007.485300 |
| 147 - 148 | 35°28'38"SE | 49.77                 | 148          | 445,711.554700  | 2,215,966.954200 |
| 148 - 149 | 05°24'03"SE | 32.68                 | 149          | 445,714.631100  | 2,215,934.415700 |
| 149 - 150 | 20°41'06"SE | 49.72                 | 150          | 445,732.195500  | 2,215,887.896300 |
| 150 - 151 | 30°55'03"SE | 49.75                 | 151          | 445,757.758400  | 2,215,845.213700 |
| 151 - 152 | 24°32'08"SE | 48.33                 | 152          | 445,777.829100  | 2,215,801.245300 |
| 152 - 153 | 24°13'21"SE | 48.95                 | 153          | 445,797.912800  | 2,215,756.604100 |
| 153 - 154 | 36°22'24"SE | 21.08                 | 154          | 445,810.415000  | 2,215,739.630000 |
| 154 - 155 | 36°22'22"SE | 12.70                 | 155          | 445,817.948200  | 2,215,729.402100 |
| 155 - 156 | 36°22'23"SE | 16.07                 | 156          | 445,827.475500  | 2,215,716.466900 |
| 156 - 157 | 34°46'41"SE | 49.52                 | 157          | 445,855.723100  | 2,215,675.790700 |
| 157 - 158 | 26°29'11"SE | 3.23                  | 158          | 445,857.161700  | 2,215,672.903600 |
| 158 - 159 | 26°29'15"SE | 46.67                 | 159          | 445,877.976600  | 2,215,631.133000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 159 - 160 | 22°24'08"SE | 49.28                 | 160          | 445,896.756700  | 2,215,585.574100 |
| 160 - 161 | 24°48'41"SE | 48.48                 | 161          | 445,917.099700  | 2,215,541.571000 |
| 161 - 162 | 35°24'57"SE | 49.75                 | 162          | 445,945.932600  | 2,215,501.023000 |
| 162 - 163 | 26°46'42"SE | 49.97                 | 163          | 445,968.447500  | 2,215,456.409300 |
| 163 - 164 | 26°05'16"SE | 49.78                 | 164          | 445,990.337800  | 2,215,411.701900 |
| 164 - 165 | 15°10'43"SE | 49.96                 | 165          | 446,003.418300  | 2,215,363.487000 |
| 165 - 166 | 12°48'14"SE | 50.00                 | 166          | 446,014.499300  | 2,215,314.730200 |
| 166 - 167 | 18°15'27"SE | 49.91                 | 167          | 446,030.135400  | 2,215,267.333200 |
| 167 - 168 | 20°25'58"SE | 50.00                 | 168          | 446,047.590900  | 2,215,220.479000 |
| 168 - 169 | 27°43'28"SE | 49.69                 | 169          | 446,070.707100  | 2,215,176.495100 |
| 169 - 170 | 33°20'26"SE | 50.00                 | 170          | 446,098.187900  | 2,215,134.724200 |
| 170 - 171 | 28°08'13"SE | 49.94                 | 171          | 446,121.737600  | 2,215,090.688100 |
| 171 - 172 | 27°18'29"SE | 11.04                 | 172          | 446,126.802400  | 2,215,080.878700 |
| 172 - 173 | 27°18'30"SE | 11.99                 | 173          | 446,132.303600  | 2,215,070.224200 |
| 173 - 174 | 27°18'29"SE | 26.96                 | 174          | 446,144.671100  | 2,215,046.271000 |
| 174 - 175 | 29°21'27"SE | 50.00                 | 175          | 446,169.184100  | 2,215,002.692100 |
| 175 - 176 | 27°04'45"SE | 49.99                 | 176          | 446,191.941300  | 2,214,958.181100 |
| 176 - 177 | 26°39'59"SE | 50.00                 | 177          | 446,214.380800  | 2,214,913.499900 |
| 177 - 178 | 27°00'44"SE | 50.00                 | 178          | 446,237.090100  | 2,214,868.954200 |
| 178 - 179 | 27°00'45"SE | 50.00                 | 179          | 446,259.799500  | 2,214,824.409000 |
| 179 - 180 | 33°27'10"SE | 49.99                 | 180          | 446,287.355700  | 2,214,782.701900 |
| 180 - 181 | 20°28'55"SE | 49.39                 | 181          | 446,304.636900  | 2,214,736.437100 |
| 181 - 182 | 15°44'53"SE | 2.31                  | 182          | 446,305.264900  | 2,214,734.210100 |
| 182 - 183 | 15°44'52"SE | 5.29                  | 183          | 446,306.701300  | 2,214,729.116300 |
| 183 - 184 | 15°44'55"SE | 42.25                 | 184          | 446,318.169100  | 2,214,688.451000 |
| 184 - 185 | 29°21'27"SE | 50.00                 | 185          | 446,342.682100  | 2,214,644.872100 |
| 185 - 186 | 26°15'52"SE | 49.96                 | 186          | 446,364.789800  | 2,214,600.070800 |
| 186 - 187 | 24°32'15"SE | 50.00                 | 187          | 446,385.554400  | 2,214,554.586000 |
| 187 - 188 | 30°26'08"SE | 49.85                 | 188          | 446,410.808900  | 2,214,511.602100 |
| 188 - 189 | 33°41'24"SE | 50.00                 | 189          | 446,438.543900  | 2,214,469.999800 |
| 189 - 190 | 32°36'03"SE | 52.21                 | 190          | 446,466.672500  | 2,214,426.018200 |
| 190 - 191 | 26°12'40"SE | 47.41                 | 191          | 446,487.614300  | 2,214,383.480000 |
| 191 - 192 | 20°46'21"SE | 49.85                 | 192          | 446,505.293400  | 2,214,336.872200 |
| 192 - 193 | 31°49'39"SE | 50.00                 | 193          | 446,531.661600  | 2,214,294.390200 |
| 193 - 194 | 20°15'07"SE | 49.73                 | 194          | 446,548.877000  | 2,214,247.730800 |
| 194 - 195 | 21°51'13"SE | 49.89                 | 195          | 446,567.447700  | 2,214,201.427000 |
| 195 - 196 | 23°08'25"SE | 49.93                 | 196          | 446,587.070600  | 2,214,155.511700 |
| 196 - 197 | 14°21'05"SE | 49.32                 | 197          | 446,599.295300  | 2,214,107.732000 |
| 197 - 198 | 02°34'19"SE | 47.52                 | 198          | 446,601.427800  | 2,214,060.261000 |
| 198 - 199 | 34°59'31"SE | 50.00                 | 199          | 446,630.101000  | 2,214,019.299200 |
| 199 - 200 | 29°13'00"SE | 49.94                 | 200          | 446,654.475600  | 2,213,975.716200 |
| 200 - 201 | 27°22'21"SE | 49.99                 | 201          | 446,677.459500  | 2,213,931.323800 |
| 201 - 202 | 23°57'44"SE | 50.00                 | 202          | 446,697.766500  | 2,213,885.633000 |
| 202 - 203 | 28°54'23"SE | 49.85                 | 203          | 446,721.860700  | 2,213,841.998100 |
| 203 - 204 | 33°01'25"SE | 50.00                 | 204          | 446,749.110100  | 2,213,800.075900 |
| 204 - 205 | 30°18'56"SE | 49.97                 | 205          | 446,774.333700  | 2,213,756.937800 |
| 205 - 206 | 29°06'07"SE | 50.00                 | 206          | 446,798.651500  | 2,213,713.251000 |
| 206 - 207 | 30°25'41"SE | 50.00                 | 207          | 446,823.973800  | 2,213,670.138800 |
| 207 - 208 | 30°29'19"SE | 50.00                 | 208          | 446,849.342100  | 2,213,627.052800 |
| 208 - 209 | 33°17'33"SE | 49.88                 | 209          | 446,876.724600  | 2,213,585.355200 |
| 209 - 210 | 40°25'49"SE | 49.95                 | 210          | 446,909.119700  | 2,213,547.331900 |
| 210 - 211 | 30°55'13"SE | 48.52                 | 211          | 446,934.053000  | 2,213,505.705200 |
| 211 - 212 | 17°01'46"SE | 49.76                 | 212          | 446,948.625900  | 2,213,458.127100 |
| 212 - 213 | 34°41'43"SE | 50.00                 | 213          | 446,977.086400  | 2,213,417.017800 |
| 213 - 214 | 24°59'31"SE | 49.87                 | 214          | 446,998.155100  | 2,213,371.819800 |
| 214 - 215 | 15°55'03"SE | 49.97                 | 215          | 447,011.861000  | 2,213,323.761100 |
| 215 - 216 | 15°42'13"SE | 49.97                 | 216          | 447,025.385900  | 2,213,275.657200 |
| 216 - 217 | 32°28'16"SE | 50.00                 | 217          | 447,052.229600  | 2,213,233.474200 |
| 217 - 218 | 27°40'30"SE | 49.80                 | 218          | 447,075.360300  | 2,213,189.370000 |
| 218 - 219 | 25°24'51"SE | 49.93                 | 219          | 447,096.789300  | 2,213,144.269700 |
| 219 - 220 | 28°13'02"SE | 50.00                 | 220          | 447,120.430200  | 2,213,100.211700 |
| 220 - 221 | 34°12'34"SE | 49.88                 | 221          | 447,148.473000  | 2,213,058.962700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 221 - 222 | 21°33'15"SE | 48.81                 | 222          | 447,166.406600  | 2,213,013.561900 |
| 222 - 223 | 38°30'50"SE | 49.94                 | 223          | 447,197.503300  | 2,212,974.487800 |
| 223 - 224 | 23°11'54"SE | 31.73                 | 224          | 447,210.003400  | 2,212,945.320800 |
| 224 - 225 | 23°11'54"SE | 18.27                 | 225          | 447,217.199300  | 2,212,928.530200 |
| 225 - 226 | 28°51'48"SE | 29.10                 | 226          | 447,231.247800  | 2,212,903.042900 |
| 226 - 227 | 29°17'28"SE | 0.00                  | 227          | 447,231.250100  | 2,212,903.038800 |
| 227 - 228 | 28°51'48"SE | 20.84                 | 228          | 447,241.311400  | 2,212,884.785200 |
| 228 - 229 | 30°01'06"SE | 50.00                 | 229          | 447,266.325300  | 2,212,841.492000 |
| 229 - 230 | 28°10'27"SE | 49.99                 | 230          | 447,289.929400  | 2,212,797.422900 |
| 230 - 231 | 27°51'25"SE | 25.20                 | 231          | 447,301.704700  | 2,212,775.143000 |
| 231 - 232 | 27°51'25"SE | 16.85                 | 232          | 447,309.576900  | 2,212,760.248100 |
| 232 - 233 | 27°51'23"SE | 7.95                  | 233          | 447,313.292800  | 2,212,753.217100 |
| 233 - 234 | 28°47'50"SE | 49.99                 | 234          | 447,337.372200  | 2,212,709.412100 |
| 234 - 235 | 30°41'58"SE | 50.00                 | 235          | 447,362.899200  | 2,212,666.419200 |
| 235 - 236 | 28°58'30"SE | 50.00                 | 236          | 447,387.118700  | 2,212,622.681100 |
| 236 - 237 | 28°40'23"SE | 50.00                 | 237          | 447,411.109200  | 2,212,578.812900 |
| 237 - 238 | 28°40'22"SE | 50.00                 | 238          | 447,435.099800  | 2,212,534.944100 |
| 238 - 239 | 38°34'26"SE | 49.98                 | 239          | 447,466.261600  | 2,212,495.872200 |
| 239 - 240 | 31°08'21"SE | 49.30                 | 240          | 447,491.756800  | 2,212,453.673900 |
| 240 - 241 | 24°19'47"SE | 49.85                 | 241          | 447,512.293500  | 2,212,408.253100 |
| 241 - 242 | 24°54'22"SE | 34.57                 | 242          | 447,526.851500  | 2,212,376.899500 |
| 242 - 243 | 24°54'21"SE | 14.96                 | 243          | 447,533.150500  | 2,212,363.333200 |
| 243 - 244 | 34°48'01"SE | 50.00                 | 244          | 447,561.685400  | 2,212,322.277600 |
| 244 - 245 | 31°01'51"SE | 49.91                 | 245          | 447,587.415500  | 2,212,279.507700 |
| 245 - 246 | 28°05'46"SE | 50.00                 | 246          | 447,610.963200  | 2,212,235.399800 |
| 246 - 247 | 28°10'42"SE | 50.00                 | 247          | 447,634.574200  | 2,212,191.325700 |
| 247 - 248 | 38°02'43"SE | 49.69                 | 248          | 447,665.196000  | 2,212,152.195500 |
| 248 - 249 | 38°03'35"SE | 0.29                  | 249          | 447,665.373500  | 2,212,151.968800 |
| 249 - 250 | 34°07'31"SE | 49.95                 | 250          | 447,693.396200  | 2,212,110.619100 |
| 250 - 251 | 25°58'43"SE | 49.74                 | 251          | 447,715.183700  | 2,212,065.905800 |
| 251 - 252 | 37°56'36"SE | 49.95                 | 252          | 447,745.899900  | 2,212,026.511000 |
| 252 - 253 | 29°32'19"SE | 50.00                 | 253          | 447,770.550500  | 2,211,983.009900 |
| 253 - 254 | 36°23'24"SE | 5.82                  | 254          | 447,774.006000  | 2,211,978.321300 |
| 254 - 255 | 36°23'24"SE | 44.03                 | 255          | 447,800.130700  | 2,211,942.873700 |
| 255 - 256 | 36°17'08"SE | 18.60                 | 256          | 447,811.135800  | 2,211,927.884300 |
| 256 - 257 | 36°17'09"SE | 30.74                 | 257          | 447,829.327700  | 2,211,903.106200 |
| 257 - 258 | 12°36'02"SE | 45.30                 | 258          | 447,839.209200  | 2,211,858.901800 |
| 258 - 259 | 12°36'03"SE | 3.83                  | 259          | 447,840.043800  | 2,211,855.168300 |
| 259 - 260 | 29°17'44"SE | 50.00                 | 260          | 447,864.509700  | 2,211,811.563100 |
| 260 - 261 | 27°43'44"SE | 49.98                 | 261          | 447,887.763800  | 2,211,767.325200 |
| 261 - 262 | 27°04'16"SE | 49.93                 | 262          | 447,910.488800  | 2,211,722.861800 |
| 262 - 263 | 28°26'05"SE | 49.93                 | 263          | 447,934.261000  | 2,211,678.959700 |
| 263 - 264 | 28°07'52"SE | 49.99                 | 264          | 447,957.833000  | 2,211,634.871100 |
| 264 - 265 | 31°25'02"SE | 49.98                 | 265          | 447,983.887500  | 2,211,592.216200 |
| 265 - 266 | 32°13'43"SE | 50.00                 | 266          | 448,010.552500  | 2,211,549.920000 |
| 266 - 267 | 35°08'31"SE | 49.96                 | 267          | 448,039.310700  | 2,211,509.064900 |
| 267 - 268 | 33°43'18"SE | 35.08                 | 268          | 448,058.787000  | 2,211,479.885400 |
| 268 - 269 | 33°43'17"SE | 14.90                 | 269          | 448,067.060500  | 2,211,467.489900 |
| 269 - 270 | 34°06'38"SE | 44.70                 | 270          | 448,092.129800  | 2,211,430.477700 |
| 270 - 271 | 34°06'40"SE | 5.29                  | 271          | 448,095.098900  | 2,211,426.094200 |
| 271 - 272 | 34°26'20"SE | 38.86                 | 272          | 448,117.077900  | 2,211,394.041500 |
| 272 - 273 | 34°26'21"SE | 11.14                 | 273          | 448,123.375300  | 2,211,384.857900 |
| 273 - 274 | 34°26'19"SE | 50.00                 | 274          | 448,151.651700  | 2,211,343.621200 |
| 274 - 275 | 36°15'33"SE | 49.96                 | 275          | 448,181.201300  | 2,211,303.334200 |
| 275 - 276 | 32°11'12"SE | 11.37                 | 276          | 448,187.258600  | 2,211,293.710500 |
| 276 - 277 | 53°24'58"SW | 76.89                 | 277          | 448,125.515900  | 2,211,247.883300 |

A partir de este vértice 277 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 10,016.91 metros hasta llegar al vértice 278.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 278 | 443,655.849700 | 2,220,212.288900 |
| 278 - 1 | 66°55'16"NE | 92.66 | 1   |                |                  |

**Zona Núcleo**  
**“Mismaloya Sur”**  
**(Superficie 52-32-08.80 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 1 - 2   | 29°45'33"SE | 48.95                 | 1            | 449,131.469100  | 2,209,794.422300 |
| 2 - 3   | 34°14'45"SE | 49.19                 | 2            | 449,155.765800  | 2,209,751.928000 |
| 3 - 4   | 36°13'31"SE | 49.87                 | 3            | 449,183.450100  | 2,209,711.262000 |
| 4 - 5   | 32°20'26"SE | 49.72                 | 4            | 449,212.920800  | 2,209,671.032800 |
| 5 - 6   | 38°31'57"SE | 49.51                 | 5            | 449,239.520400  | 2,209,629.022300 |
| 6 - 7   | 32°39'17"SE | 49.93                 | 6            | 449,270.363700  | 2,209,590.292200 |
| 7 - 8   | 35°22'42"SE | 49.99                 | 7            | 449,297.305100  | 2,209,548.253700 |
| 8 - 9   | 34°27'29"SE | 49.74                 | 8            | 449,326.250700  | 2,209,507.491000 |
| 9 - 10  | 33°30'44"SE | 49.55                 | 9            | 449,354.396300  | 2,209,466.474900 |
| 10 - 11 | 35°20'19"SE | 15.72                 | 10           | 449,381.752300  | 2,209,425.163800 |
| 11 - 12 | 35°20'18"SE | 33.76                 | 11           | 449,390.843900  | 2,209,412.341700 |
| 12 - 13 | 33°04'17"SE | 24.44                 | 12           | 449,410.370000  | 2,209,384.803100 |
| 13 - 14 | 33°04'16"SE | 25.32                 | 13           | 449,423.705800  | 2,209,364.323700 |
| 14 - 15 | 38°06'42"SE | 49.98                 | 14           | 449,437.524200  | 2,209,343.103000 |
| 15 - 16 | 32°07'03"SE | 49.95                 | 15           | 449,468.373000  | 2,209,303.776900 |
| 16 - 17 | 29°55'55"SE | 26.13                 | 16           | 449,494.930300  | 2,209,261.469900 |
| 17 - 18 | 29°55'54"SE | 23.83                 | 17           | 449,507.970400  | 2,209,238.821900 |
| 18 - 19 | 35°55'28"SE | 35.24                 | 18           | 449,519.859300  | 2,209,218.173100 |
| 19 - 20 | 35°55'27"SE | 14.74                 | 19           | 449,540.538100  | 2,209,189.632200 |
| 20 - 21 | 33°58'25"SE | 49.98                 | 20           | 449,549.187700  | 2,209,177.693900 |
| 21 - 22 | 35°24'16"SE | 25.82                 | 21           | 449,577.116600  | 2,209,136.246800 |
| 22 - 23 | 35°24'17"SE | 24.16                 | 22           | 449,592.075100  | 2,209,115.201800 |
| 23 - 24 | 32°23'19"SE | 49.52                 | 23           | 449,606.070300  | 2,209,095.512100 |
| 24 - 25 | 37°16'35"SE | 48.56                 | 24           | 449,632.594900  | 2,209,053.697900 |
| 25 - 26 | 36°24'20"SE | 49.90                 | 25           | 449,662.005000  | 2,209,015.058900 |
| 26 - 27 | 29°50'13"SE | 44.12                 | 26           | 449,691.619100  | 2,208,974.899800 |
| 27 - 28 | 29°50'14"SE | 5.78                  | 27           | 449,713.568400  | 2,208,936.631500 |
| 28 - 29 | 39°18'43"SE | 0.02                  | 28           | 449,716.442900  | 2,208,931.619900 |
| 29 - 30 | 40°15'09"SE | 49.74                 | 29           | 449,716.454200  | 2,208,931.606100 |
| 30 - 31 | 33°00'45"SE | 7.71                  | 30           | 449,748.591800  | 2,208,893.647000 |
| 31 - 32 | 33°00'44"SE | 42.26                 | 31           | 449,752.794000  | 2,208,887.179300 |
| 32 - 33 | 32°38'45"SE | 22.63                 | 32           | 449,775.816200  | 2,208,851.744800 |
| 33 - 34 | 32°38'46"SE | 27.36                 | 33           | 449,788.021900  | 2,208,832.692900 |
| 34 - 35 | 31°52'35"SE | 49.98                 | 34           | 449,802.779000  | 2,208,809.658900 |
| 35 - 36 | 36°16'44"SE | 20.08                 | 35           | 449,829.174500  | 2,208,767.213900 |
| 36 - 37 | 36°16'44"SE | 29.91                 | 36           | 449,841.057700  | 2,208,751.024400 |
| 37 - 38 | 33°29'29"SE | 49.81                 | 37           | 449,858.756200  | 2,208,726.912300 |
| 38 - 39 | 34°05'29"SE | 43.88                 | 38           | 449,886.241600  | 2,208,685.373200 |
| 39 - 40 | 34°05'29"SE | 5.80                  | 39           | 449,910.837700  | 2,208,649.033500 |
| 40 - 41 | 31°41'22"SE | 0.04                  | 40           | 449,914.087600  | 2,208,644.231900 |
| 41 - 42 | 32°11'44"SE | 49.65                 | 41           | 449,914.106800  | 2,208,644.200800 |
| 42 - 43 | 31°37'43"SE | 0.02                  | 42           | 449,940.561900  | 2,208,602.183700 |
| 43 - 44 | 30°44'37"SE | 49.98                 | 43           | 449,940.571200  | 2,208,602.168600 |
| 44 - 45 | 36°42'32"SE | 49.95                 | 44           | 449,966.119700  | 2,208,559.214900 |
| 45 - 46 | 34°25'19"SE | 10.10                 | 45           | 449,995.974800  | 2,208,519.174200 |
| 46 - 47 | 34°25'15"SE | 39.48                 | 46           | 450,001.682000  | 2,208,510.845900 |
| 47 - 48 | 33°31'12"SE | 23.69                 | 47           | 450,023.996400  | 2,208,478.282100 |
| 48 - 49 | 33°25'44"SE | 0.09                  | 48           | 450,037.081200  | 2,208,458.528200 |
| 49 - 50 | 33°31'11"SE | 26.14                 | 49           | 450,037.131500  | 2,208,458.452000 |
| 50 - 51 | 34°22'53"SE | 49.98                 | 50           | 450,051.568800  | 2,208,436.656100 |
| 51 - 52 | 33°11'25"SE | 49.88                 | 51           | 450,079.793100  | 2,208,395.407200 |
| 52 - 53 | 34°59'34"SE | 21.16                 | 52           | 450,107.097700  | 2,208,353.666000 |
| 53 - 54 | 34°59'33"SE | 28.84                 | 53           | 450,119.230200  | 2,208,336.334400 |
|         |             |                       | 54           | 450,135.770300  | 2,208,312.706200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 54 - 55   | 31°41'44"SE | 16.41                 | 55           | 450,144.392500  | 2,208,298.743300 |
| 55 - 56   | 31°41'42"SE | 0.14                  | 56           | 450,144.464500  | 2,208,298.626700 |
| 56 - 57   | 31°41'43"SE | 33.34                 | 57           | 450,161.982700  | 2,208,270.257200 |
| 57 - 58   | 31°14'20"SE | 49.83                 | 58           | 450,187.823800  | 2,208,227.653800 |
| 58 - 59   | 34°49'38"SE | 44.94                 | 59           | 450,213.488300  | 2,208,190.765000 |
| 59 - 60   | 34°49'42"SE | 3.14                  | 60           | 450,215.281200  | 2,208,188.188100 |
| 60 - 61   | 39°42'32"SE | 2.22                  | 61           | 450,216.702400  | 2,208,186.476800 |
| 61 - 62   | 39°42'26"SE | 47.77                 | 62           | 450,247.221600  | 2,208,149.725900 |
| 62 - 63   | 33°38'51"SE | 49.85                 | 63           | 450,274.842000  | 2,208,108.228700 |
| 63 - 64   | 29°40'46"SE | 24.75                 | 64           | 450,287.096600  | 2,208,086.726200 |
| 64 - 65   | 29°40'46"SE | 25.15                 | 65           | 450,299.551400  | 2,208,064.872600 |
| 65 - 66   | 42°41'18"SE | 49.87                 | 66           | 450,333.360800  | 2,208,028.218800 |
| 66 - 67   | 38°06'55"SE | 49.94                 | 67           | 450,364.185900  | 2,207,988.928000 |
| 67 - 68   | 33°06'45"SE | 50.00                 | 68           | 450,391.499600  | 2,207,947.049100 |
| 68 - 69   | 31°59'25"SE | 50.00                 | 69           | 450,417.988300  | 2,207,904.642700 |
| 69 - 70   | 55°26'23"SE | 2.62                  | 70           | 450,420.143900  | 2,207,903.157900 |
| 70 - 71   | 55°27'34"SE | 45.72                 | 71           | 450,457.803600  | 2,207,877.235900 |
| 71 - 72   | 31°03'53"SE | 23.96                 | 72           | 450,470.166800  | 2,207,856.712800 |
| 72 - 73   | 31°03'51"SE | 8.24                  | 73           | 450,474.418200  | 2,207,849.655200 |
| 73 - 74   | 31°03'54"SE | 17.20                 | 74           | 450,483.293700  | 2,207,834.921800 |
| 74 - 75   | 38°18'46"SE | 12.17                 | 75           | 450,490.836500  | 2,207,825.375400 |
| 75 - 76   | 38°18'48"SE | 37.19                 | 76           | 450,513.890600  | 2,207,796.198000 |
| 76 - 77   | 14°48'54"SE | 29.42                 | 77           | 450,521.413300  | 2,207,767.756000 |
| 77 - 78   | 14°48'53"SE | 20.01                 | 78           | 450,526.530400  | 2,207,748.409000 |
| 78 - 79   | 26°30'23"SE | 45.21                 | 79           | 450,546.707100  | 2,207,707.952300 |
| 79 - 80   | 26°30'20"SE | 4.32                  | 80           | 450,548.634800  | 2,207,704.086900 |
| 80 - 81   | 47°43'02"SE | 49.99                 | 81           | 450,585.616800  | 2,207,670.456200 |
| 81 - 82   | 44°44'29"SE | 31.62                 | 82           | 450,607.876100  | 2,207,647.995100 |
| 82 - 83   | 44°44'29"SE | 18.38                 | 83           | 450,620.812200  | 2,207,634.941800 |
| 83 - 84   | 39°35'43"SE | 43.54                 | 84           | 450,648.560900  | 2,207,601.393900 |
| 84 - 85   | 39°35'42"SE | 6.43                  | 85           | 450,652.658500  | 2,207,596.439900 |
| 85 - 86   | 26°36'53"SE | 49.64                 | 86           | 450,674.897000  | 2,207,552.059200 |
| 86 - 87   | 24°41'38"SE | 4.97                  | 87           | 450,676.974800  | 2,207,547.540500 |
| 87 - 88   | 24°41'37"SE | 44.98                 | 88           | 450,695.766400  | 2,207,506.672900 |
| 88 - 89   | 23°07'59"SE | 23.83                 | 89           | 450,705.126900  | 2,207,484.762800 |
| 89 - 90   | 23°11'54"SE | 0.01                  | 90           | 450,705.131100  | 2,207,484.753000 |
| 90 - 91   | 23°07'59"SE | 25.61                 | 91           | 450,715.193900  | 2,207,461.199000 |
| 91 - 92   | 47°20'27"SE | 49.80                 | 92           | 450,751.819600  | 2,207,427.450200 |
| 92 - 93   | 26°04'38"SE | 29.62                 | 93           | 450,764.842000  | 2,207,400.841700 |
| 93 - 94   | 26°04'37"SE | 20.14                 | 94           | 450,773.693800  | 2,207,382.754700 |
| 94 - 95   | 37°25'58"SE | 21.86                 | 95           | 450,786.981300  | 2,207,365.396000 |
| 95 - 96   | 37°25'57"SE | 27.13                 | 96           | 450,803.473900  | 2,207,343.850100 |
| 96 - 97   | 34°58'50"SE | 27.38                 | 97           | 450,819.172600  | 2,207,321.413900 |
| 97 - 98   | 34°58'48"SE | 22.37                 | 98           | 450,831.996500  | 2,207,303.086000 |
| 98 - 99   | 42°43'22"SE | 49.93                 | 99           | 450,865.872100  | 2,207,266.404900 |
| 99 - 100  | 33°26'14"SE | 49.91                 | 100          | 450,893.372400  | 2,207,224.757800 |
| 100 - 101 | 18°23'42"SE | 14.85                 | 101          | 450,898.058100  | 2,207,210.668100 |
| 101 - 102 | 18°23'42"SE | 34.76                 | 102          | 450,909.025700  | 2,207,177.688800 |
| 102 - 103 | 29°25'47"SE | 50.00                 | 103          | 450,933.592300  | 2,207,134.143000 |
| 103 - 104 | 33°47'41"SE | 49.95                 | 104          | 450,961.374800  | 2,207,092.633800 |
| 104 - 105 | 40°43'43"SE | 11.17                 | 105          | 450,968.662200  | 2,207,084.170000 |
| 105 - 106 | 40°43'43"SE | 38.80                 | 106          | 450,993.980500  | 2,207,054.764700 |
| 106 - 107 | 47°58'05"SE | 23.69                 | 107          | 451,011.573800  | 2,207,038.906000 |
| 107 - 108 | 48°48'50"SE | 0.01                  | 108          | 451,011.578600  | 2,207,038.901800 |
| 108 - 109 | 47°58'05"SE | 26.29                 | 109          | 451,031.104200  | 2,207,021.301200 |
| 109 - 110 | 38°06'55"SE | 49.76                 | 110          | 451,061.818000  | 2,206,982.152000 |
| 110 - 111 | 31°20'55"SE | 14.83                 | 111          | 451,069.533300  | 2,206,969.486900 |
| 111 - 112 | 31°20'56"SE | 35.17                 | 112          | 451,087.829200  | 2,206,939.453200 |
| 112 - 113 | 29°28'15"SE | 49.95                 | 113          | 451,112.403100  | 2,206,895.967800 |
| 113 - 114 | 43°14'02"SE | 3.19                  | 114          | 451,114.587800  | 2,206,893.644100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 114 - 115 | 43°17'22"SE | 47.59                 | 115          | 451,147.218000  | 2,206,859.005200 |
| 115 - 116 | 43°15'19"SE | 0.14                  | 116          | 451,147.311900  | 2,206,858.905400 |
| 116 - 117 | 43°17'24"SE | 2.23                  | 117          | 451,148.841100  | 2,206,857.282100 |
| 117 - 118 | 40°51'24"SE | 49.96                 | 118          | 451,181.521600  | 2,206,819.497000 |
| 118 - 119 | 41°20'38"SE | 49.98                 | 119          | 451,214.534500  | 2,206,781.977300 |
| 119 - 120 | 29°20'03"SE | 49.78                 | 120          | 451,238.920000  | 2,206,738.583700 |
| 120 - 121 | 39°00'15"SE | 49.82                 | 121          | 451,270.278600  | 2,206,699.865000 |
| 121 - 122 | 40°13'25"SE | 49.64                 | 122          | 451,302.332600  | 2,206,661.966000 |
| 122 - 123 | 35°54'34"SE | 0.00                  | 123          | 451,302.334700  | 2,206,661.963100 |
| 123 - 124 | 40°11'39"SE | 0.06                  | 124          | 451,302.376100  | 2,206,661.914100 |
| 124 - 125 | 26°52'39"SE | 49.95                 | 125          | 451,324.957500  | 2,206,617.360800 |
| 125 - 126 | 33°26'46"SE | 49.98                 | 126          | 451,352.504500  | 2,206,575.657000 |
| 126 - 127 | 35°34'04"SE | 0.04                  | 127          | 451,352.530100  | 2,206,575.621200 |
| 127 - 128 | 36°17'13"SE | 49.96                 | 128          | 451,382.095600  | 2,206,535.353700 |
| 128 - 129 | 41°16'55"SE | 37.51                 | 129          | 451,406.846500  | 2,206,507.162700 |
| 129 - 130 | 41°16'57"SE | 12.19                 | 130          | 451,414.892200  | 2,206,497.998900 |
| 130 - 131 | 47°27'59"SE | 17.30                 | 131          | 451,427.637100  | 2,206,486.306700 |
| 131 - 132 | 47°28'00"SE | 32.68                 | 132          | 451,451.716900  | 2,206,464.215900 |
| 132 - 133 | 33°55'11"SE | 0.21                  | 133          | 451,451.836600  | 2,206,464.037900 |
| 133 - 134 | 33°55'58"SE | 49.51                 | 134          | 451,479.474300  | 2,206,422.959800 |
| 134 - 135 | 41°29'32"SE | 49.82                 | 135          | 451,512.482000  | 2,206,385.641200 |
| 135 - 136 | 23°05'21"SE | 49.41                 | 136          | 451,531.860200  | 2,206,340.186000 |
| 136 - 137 | 34°35'01"SE | 27.29                 | 137          | 451,547.348900  | 2,206,317.720300 |
| 137 - 138 | 34°35'00"SE | 22.52                 | 138          | 451,560.131700  | 2,206,299.179200 |
| 138 - 139 | 41°02'52"SE | 5.43                  | 139          | 451,563.694300  | 2,206,295.087800 |
| 139 - 140 | 41°02'53"SE | 44.50                 | 140          | 451,592.916000  | 2,206,261.529000 |
| 140 - 141 | 42°47'43"SE | 27.34                 | 141          | 451,611.493600  | 2,206,241.463800 |
| 141 - 142 | 42°47'41"SE | 5.13                  | 142          | 451,614.981800  | 2,206,237.696200 |
| 142 - 143 | 42°47'42"SE | 17.52                 | 143          | 451,626.884600  | 2,206,224.840200 |
| 143 - 144 | 43°18'34"SE | 49.99                 | 144          | 451,661.177400  | 2,206,188.461900 |
| 144 - 145 | 39°31'44"SE | 49.87                 | 145          | 451,692.917200  | 2,206,149.998100 |
| 145 - 146 | 36°25'58"SE | 50.00                 | 146          | 451,722.608700  | 2,206,109.774000 |
| 146 - 147 | 37°25'41"SE | 50.00                 | 147          | 451,752.997100  | 2,206,070.068100 |
| 147 - 148 | 41°54'45"SE | 49.99                 | 148          | 451,786.390700  | 2,206,032.866800 |
| 148 - 149 | 37°59'04"SE | 49.86                 | 149          | 451,817.079800  | 2,205,993.564900 |
| 149 - 150 | 34°21'59"SE | 49.98                 | 150          | 451,845.293000  | 2,205,952.308900 |
| 150 - 151 | 38°26'01"SE | 50.00                 | 151          | 451,876.373400  | 2,205,913.142800 |
| 151 - 152 | 38°02'11"SE | 50.00                 | 152          | 451,907.180800  | 2,205,873.762800 |
| 152 - 153 | 36°47'16"SE | 50.00                 | 153          | 451,937.123600  | 2,205,833.719900 |
| 153 - 154 | 30°43'40"SE | 49.97                 | 154          | 451,962.657800  | 2,205,790.763100 |
| 154 - 155 | 27°02'00"SE | 14.36                 | 155          | 451,969.185300  | 2,205,777.970600 |
| 155 - 156 | 27°01'59"SE | 35.58                 | 156          | 451,985.354700  | 2,205,746.281900 |
| 156 - 157 | 38°43'55"SE | 50.00                 | 157          | 452,016.638600  | 2,205,707.277800 |
| 157 - 158 | 46°46'26"SE | 0.28                  | 158          | 452,016.843300  | 2,205,707.085400 |
| 158 - 159 | 46°46'42"SE | 49.47                 | 159          | 452,052.892300  | 2,205,673.207800 |
| 159 - 160 | 44°35'35"SE | 14.95                 | 160          | 452,063.386300  | 2,205,662.563700 |
| 160 - 161 | 44°35'37"SE | 11.66                 | 161          | 452,071.572400  | 2,205,654.260700 |
| 161 - 162 | 38°17'00"SE | 72.77                 | 162          | 452,116.658400  | 2,205,597.138000 |
| 162 - 163 | 33°27'48"SE | 49.81                 | 163          | 452,144.123000  | 2,205,555.586100 |
| 163 - 164 | 40°33'29"SE | 5.58                  | 164          | 452,147.753200  | 2,205,551.344400 |
| 164 - 165 | 40°33'26"SE | 44.35                 | 165          | 452,176.590400  | 2,205,517.648800 |
| 165 - 166 | 37°43'20"SE | 49.98                 | 166          | 452,207.171200  | 2,205,478.113800 |
| 166 - 167 | 41°20'14"SE | 50.00                 | 167          | 452,240.194800  | 2,205,440.573100 |
| 167 - 168 | 41°52'25"SE | 49.89                 | 168          | 452,273.498700  | 2,205,403.421000 |
| 168 - 169 | 33°39'09"SE | 50.00                 | 169          | 452,301.204900  | 2,205,361.803000 |
| 169 - 170 | 27°57'33"SE | 49.95                 | 170          | 452,324.624900  | 2,205,317.681000 |
| 170 - 171 | 34°42'56"SE | 49.85                 | 171          | 452,353.014500  | 2,205,276.705100 |
| 171 - 172 | 42°45'02"SE | 45.25                 | 172          | 452,383.732000  | 2,205,243.475900 |
| 172 - 173 | 42°45'02"SE | 4.01                  | 173          | 452,386.455500  | 2,205,240.529700 |
| 173 - 174 | 35°47'46"SE | 49.09                 | 174          | 452,415.168000  | 2,205,200.713200 |
| 174 - 175 | 34°14'03"SE | 11.67                 | 175          | 452,421.732500  | 2,205,191.066300 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 175 - 176 | 34°14'04"SE | 36.80                 | 176          | 452,442.436100  | 2,205,160.641300 |
| 176 - 177 | 34°14'04"SE | 1.49                  | 177          | 452,443.273500  | 2,205,159.410700 |
| 177 - 178 | 42°58'00"SE | 39.42                 | 178          | 452,470.140900  | 2,205,130.565400 |
| 178 - 179 | 42°57'59"SE | 10.50                 | 179          | 452,477.299100  | 2,205,122.880200 |
| 179 - 180 | 33°56'28"SE | 27.73                 | 180          | 452,492.780700  | 2,205,099.876900 |
| 180 - 181 | 33°56'29"SE | 22.26                 | 181          | 452,505.210200  | 2,205,081.408700 |
| 181 - 182 | 26°59'51"SE | 2.71                  | 182          | 452,506.441900  | 2,205,078.991100 |
| 182 - 183 | 26°59'52"SE | 41.01                 | 183          | 452,525.060300  | 2,205,042.447200 |
| 183 - 184 | 26°59'53"SE | 5.70                  | 184          | 452,527.647200  | 2,205,037.369700 |
| 184 - 185 | 31°39'39"SE | 49.18                 | 185          | 452,553.459200  | 2,204,995.512900 |
| 185 - 186 | 44°54'17"SE | 36.74                 | 186          | 452,579.392700  | 2,204,969.493200 |
| 186 - 187 | 44°54'16"SE | 13.25                 | 187          | 452,588.749700  | 2,204,960.105000 |
| 187 - 188 | 38°26'52"SE | 11.87                 | 188          | 452,596.127700  | 2,204,950.812300 |
| 188 - 189 | 38°26'52"SE | 27.50                 | 189          | 452,613.225200  | 2,204,929.277700 |
| 189 - 190 | 38°26'54"SE | 10.56                 | 190          | 452,619.794400  | 2,204,921.003800 |
| 190 - 191 | 29°41'16"SE | 12.65                 | 191          | 452,626.060200  | 2,204,910.013300 |
| 191 - 192 | 29°41'16"SE | 37.19                 | 192          | 452,644.478000  | 2,204,877.707800 |
| 192 - 193 | 41°45'47"SE | 14.03                 | 193          | 452,653.824400  | 2,204,867.240900 |
| 193 - 194 | 41°45'48"SE | 34.29                 | 194          | 452,676.665500  | 2,204,841.661800 |
| 194 - 195 | 49°06'10"SE | 49.34                 | 195          | 452,713.964000  | 2,204,809.356200 |
| 195 - 196 | 37°45'09"SE | 50.00                 | 196          | 452,744.575800  | 2,204,769.824100 |
| 196 - 197 | 31°18'18"SE | 49.69                 | 197          | 452,770.394600  | 2,204,727.368100 |
| 197 - 198 | 38°33'01"SE | 49.88                 | 198          | 452,801.479300  | 2,204,688.359800 |
| 198 - 199 | 38°24'28"SE | 49.61                 | 199          | 452,832.299000  | 2,204,649.486000 |
| 199 - 200 | 40°35'17"SE | 49.22                 | 200          | 452,864.319800  | 2,204,612.111000 |
| 200 - 201 | 30°34'04"SE | 21.83                 | 201          | 452,875.420000  | 2,204,593.317600 |
| 201 - 202 | 30°34'03"SE | 26.16                 | 202          | 452,888.725700  | 2,204,570.789900 |
| 202 - 203 | 34°03'06"SE | 48.88                 | 203          | 452,916.095100  | 2,204,530.292300 |
| 203 - 204 | 43°29'26"SE | 49.89                 | 204          | 452,950.434200  | 2,204,494.094800 |
| 204 - 205 | 30°18'11"SE | 49.29                 | 205          | 452,975.304000  | 2,204,451.540700 |
| 205 - 206 | 47°12'28"SE | 29.90                 | 206          | 452,997.248000  | 2,204,431.226000 |
| 206 - 207 | 47°12'27"SE | 20.05                 | 207          | 453,011.958800  | 2,204,417.607300 |
| 207 - 208 | 38°41'47"SE | 49.76                 | 208          | 453,043.067200  | 2,204,378.772900 |
| 208 - 209 | 32°21'57"SE | 49.71                 | 209          | 453,069.676700  | 2,204,336.787900 |
| 209 - 210 | 27°54'21"SE | 49.85                 | 210          | 453,093.009000  | 2,204,292.732200 |
| 210 - 211 | 39°50'18"SE | 49.97                 | 211          | 453,125.020000  | 2,204,254.363900 |
| 211 - 212 | 37°48'43"SE | 49.53                 | 212          | 453,155.384500  | 2,204,215.235200 |
| 212 - 213 | 37°23'26"SE | 29.84                 | 213          | 453,173.507000  | 2,204,191.523900 |
| 213 - 214 | 37°23'25"SE | 19.81                 | 214          | 453,185.539200  | 2,204,175.781000 |
| 214 - 215 | 29°13'37"SE | 49.56                 | 215          | 453,209.739400  | 2,204,132.527800 |
| 215 - 216 | 37°01'21"SE | 3.04                  | 216          | 453,211.572800  | 2,204,130.096800 |
| 216 - 217 | 37°01'26"SE | 46.74                 | 217          | 453,239.715200  | 2,204,092.783100 |
| 217 - 218 | 47°03'27"SE | 49.88                 | 218          | 453,276.231500  | 2,204,058.799800 |
| 218 - 219 | 40°25'40"SE | 49.53                 | 219          | 453,308.354200  | 2,204,021.092900 |
| 219 - 220 | 30°47'43"SE | 46.37                 | 220          | 453,332.092300  | 2,203,981.264800 |
| 220 - 221 | 28°57'04"SE | 49.08                 | 221          | 453,355.848600  | 2,203,938.321000 |
| 221 - 222 | 26°56'47"SE | 48.86                 | 222          | 453,377.992000  | 2,203,894.761800 |
| 222 - 223 | 33°43'50"SE | 13.66                 | 223          | 453,385.580000  | 2,203,883.397300 |
| 223 - 224 | 33°43'50"SE | 35.56                 | 224          | 453,405.326500  | 2,203,853.823100 |
| 224 - 225 | 41°50'20"SE | 42.21                 | 225          | 453,433.482100  | 2,203,822.376000 |
| 225 - 226 | 41°50'20"SE | 6.73                  | 226          | 453,437.970300  | 2,203,817.363100 |
| 226 - 227 | 26°36'16"SE | 46.60                 | 227          | 453,458.838800  | 2,203,775.697800 |
| 227 - 228 | 43°38'00"SE | 49.71                 | 228          | 453,493.138100  | 2,203,739.722100 |
| 228 - 229 | 36°49'58"SE | 49.35                 | 229          | 453,522.724100  | 2,203,700.221200 |
| 229 - 230 | 28°26'05"SE | 49.41                 | 230          | 453,546.250800  | 2,203,656.772900 |
| 230 - 231 | 26°34'41"SE | 49.50                 | 231          | 453,568.399000  | 2,203,612.501700 |
| 231 - 232 | 27°04'12"SE | 48.46                 | 232          | 453,590.452500  | 2,203,569.349800 |
| 232 - 233 | 26°34'24"SE | 9.27                  | 233          | 453,594.598500  | 2,203,561.060800 |
| 233 - 234 | 50°02'57"SW | 104.25                | 234          | 453,514.682000  | 2,203,494.119800 |

A partir de este vértice 234 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 7,676.84 metros hasta llegar al vértice 235.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 235 | 449,096.185600 | 2,209,771.918900 |
| 235 - 1 | 57°28'14"NE | 41.85 | 1   |                |                  |



**Zona Núcleo****“La Gloria”****(Superficie 49-21-07.90 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 454,283.934000  | 2,202,593.523700 |
| 1 - 2   | 43°21'28"SE | 10.88                 | 2            | 454,291.406800  | 2,202,585.609800 |
| 2 - 3   | 40°12'56"SE | 49.78                 | 3            | 454,323.546300  | 2,202,547.599000 |
| 3 - 4   | 35°57'12"SE | 49.88                 | 4            | 454,352.830600  | 2,202,507.223800 |
| 4 - 5   | 41°40'19"SE | 49.33                 | 5            | 454,385.631600  | 2,202,470.372700 |
| 5 - 6   | 21°04'53"SE | 39.39                 | 6            | 454,399.799000  | 2,202,433.621600 |
| 6 - 7   | 21°04'52"SE | 9.38                  | 7            | 454,403.171600  | 2,202,424.872800 |
| 7 - 8   | 31°35'08"SE | 17.13                 | 8            | 454,412.143800  | 2,202,410.280600 |
| 8 - 9   | 31°35'09"SE | 32.11                 | 9            | 454,428.960200  | 2,202,382.931000 |
| 9 - 10  | 25°26'03"SE | 23.27                 | 10           | 454,438.953600  | 2,202,361.917500 |
| 10 - 11 | 25°26'02"SE | 26.40                 | 11           | 454,450.293100  | 2,202,338.073000 |
| 11 - 12 | 43°28'48"SE | 29.59                 | 12           | 454,470.651400  | 2,202,316.604900 |
| 12 - 13 | 43°28'50"SE | 20.41                 | 13           | 454,484.693200  | 2,202,301.797900 |
| 13 - 14 | 25°00'19"SE | 48.79                 | 14           | 454,505.316800  | 2,202,257.581200 |
| 14 - 15 | 43°02'45"SE | 49.90                 | 15           | 454,539.377800  | 2,202,221.114100 |
| 15 - 16 | 33°59'57"SE | 49.34                 | 16           | 454,566.969300  | 2,202,180.207000 |
| 16 - 17 | 26°40'50"SE | 48.60                 | 17           | 454,588.793100  | 2,202,136.778900 |
| 17 - 18 | 41°29'25"SE | 47.52                 | 18           | 454,620.275200  | 2,202,101.182800 |
| 18 - 19 | 33°11'07"SE | 49.87                 | 19           | 454,647.571900  | 2,202,059.446000 |
| 19 - 20 | 36°12'16"SE | 7.11                  | 20           | 454,651.770800  | 2,202,053.709900 |
| 20 - 21 | 36°12'16"SE | 42.75                 | 21           | 454,677.023800  | 2,202,019.211900 |
| 21 - 22 | 43°04'15"SE | 36.89                 | 22           | 454,702.219300  | 2,201,992.260000 |
| 22 - 23 | 43°04'17"SE | 12.98                 | 23           | 454,711.081800  | 2,201,982.779900 |
| 23 - 24 | 38°47'31"SE | 49.92                 | 24           | 454,742.354100  | 2,201,943.874000 |
| 24 - 25 | 40°39'56"SE | 49.98                 | 25           | 454,774.923900  | 2,201,905.962200 |
| 25 - 26 | 37°07'58"SE | 49.74                 | 26           | 454,804.948100  | 2,201,866.310300 |
| 26 - 27 | 18°28'21"SE | 45.92                 | 27           | 454,819.497900  | 2,201,822.756700 |
| 27 - 28 | 19°14'03"SE | 48.41                 | 28           | 454,835.446400  | 2,201,777.046900 |
| 28 - 29 | 34°37'47"SE | 49.43                 | 29           | 454,863.535300  | 2,201,736.375000 |
| 29 - 30 | 34°12'52"SE | 49.76                 | 30           | 454,891.516200  | 2,201,695.225100 |
| 30 - 31 | 43°07'10"SE | 49.47                 | 31           | 454,925.332300  | 2,201,659.113100 |
| 31 - 32 | 44°59'44"SE | 49.67                 | 32           | 454,960.452800  | 2,201,623.987200 |
| 32 - 33 | 33°18'51"SE | 49.76                 | 33           | 454,987.784100  | 2,201,582.401800 |
| 33 - 34 | 38°20'15"SE | 49.93                 | 34           | 455,018.753900  | 2,201,543.240000 |
| 34 - 35 | 34°37'40"SE | 49.16                 | 35           | 455,046.690900  | 2,201,502.785100 |
| 35 - 36 | 42°01'36"SE | 48.44                 | 36           | 455,079.123500  | 2,201,466.798800 |
| 36 - 37 | 14°59'08"SE | 46.87                 | 37           | 455,091.243300  | 2,201,421.522100 |
| 37 - 38 | 25°07'51"SE | 47.16                 | 38           | 455,111.273700  | 2,201,378.822000 |
| 38 - 39 | 42°57'19"SE | 48.40                 | 39           | 455,144.251800  | 2,201,343.402100 |
| 39 - 40 | 38°30'19"SE | 49.76                 | 40           | 455,175.234300  | 2,201,304.459200 |
| 40 - 41 | 37°45'29"SE | 49.96                 | 41           | 455,205.827800  | 2,201,264.958900 |
| 41 - 42 | 37°18'39"SE | 49.94                 | 42           | 455,236.099800  | 2,201,225.236900 |
| 42 - 43 | 30°51'18"SE | 49.91                 | 43           | 455,261.698300  | 2,201,182.388900 |
| 43 - 44 | 32°56'12"SE | 49.87                 | 44           | 455,288.814800  | 2,201,140.532000 |
| 44 - 45 | 31°21'40"SE | 49.94                 | 45           | 455,314.807800  | 2,201,097.883900 |
| 45 - 46 | 33°44'20"SE | 49.99                 | 46           | 455,342.575000  | 2,201,056.310200 |
| 46 - 47 | 13°00'41"SE | 48.07                 | 47           | 455,353.396600  | 2,201,009.479200 |
| 47 - 48 | 29°17'48"SE | 43.64                 | 48           | 455,374.752200  | 2,200,971.418800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 48 - 49 | 55°33'21"SE | 43.68                 | 49           | 455,410.771700  | 2,200,946.715100 |
| 49 - 50 | 49°18'33"SE | 49.87                 | 50           | 455,448.588700  | 2,200,914.198100 |
| 50 - 51 | 29°56'43"SE | 49.19                 | 51           | 455,473.140700  | 2,200,871.578900 |
| 51 - 52 | 39°34'54"SE | 49.67                 | 52           | 455,504.787400  | 2,200,833.299700 |
| 52 - 53 | 26°29'26"SE | 49.68                 | 53           | 455,526.947700  | 2,200,788.835100 |
| 53 - 54 | 30°37'57"SE | 49.61                 | 54           | 455,552.224900  | 2,200,746.149100 |
| 54 - 55 | 35°39'55"SE | 49.99                 | 55           | 455,581.371000  | 2,200,705.536200 |
| 55 - 56 | 35°14'26"SE | 49.99                 | 56           | 455,610.217600  | 2,200,664.705100 |
| 56 - 57 | 32°47'03"SE | 49.85                 | 57           | 455,637.212600  | 2,200,622.792000 |
| 57 - 58 | 25°35'50"SE | 49.78                 | 58           | 455,658.718200  | 2,200,577.901200 |
| 58 - 59 | 31°50'07"SE | 49.97                 | 59           | 455,685.075700  | 2,200,535.449300 |
| 59 - 60 | 37°41'39"SE | 50.00                 | 60           | 455,715.648100  | 2,200,495.885100 |
| 60 - 61 | 34°07'21"SE | 49.96                 | 61           | 455,743.674800  | 2,200,454.525100 |
| 61 - 62 | 36°16'27"SE | 49.17                 | 62           | 455,772.767500  | 2,200,414.882800 |
| 62 - 63 | 41°27'37"SE | 49.69                 | 63           | 455,805.665900  | 2,200,377.646200 |
| 63 - 64 | 39°13'48"SE | 49.93                 | 64           | 455,837.240900  | 2,200,338.973100 |
| 64 - 65 | 37°26'09"SE | 49.92                 | 65           | 455,867.587200  | 2,200,299.333200 |
| 65 - 66 | 36°18'56"SE | 49.96                 | 66           | 455,897.172300  | 2,200,259.080900 |
| 66 - 67 | 35°04'49"SE | 49.87                 | 67           | 455,925.836400  | 2,200,218.266200 |
| 67 - 68 | 33°25'48"SE | 49.96                 | 68           | 455,953.360100  | 2,200,176.572000 |
| 68 - 69 | 38°14'01"SE | 49.95                 | 69           | 455,984.271700  | 2,200,137.337800 |
| 69 - 70 | 30°27'28"SE | 182.70                | 70           | 456,076.884100  | 2,199,979.849200 |
| 70 - 71 | 28°44'58"SE | 16.59                 | 71           | 456,084.861500  | 2,199,965.308100 |
| 71 - 72 | 32°12'31"SE | 49.94                 | 72           | 456,111.477900  | 2,199,923.056100 |
| 72 - 73 | 35°21'53"SE | 49.93                 | 73           | 456,140.373600  | 2,199,882.343000 |
| 73 - 74 | 34°36'08"SE | 50.00                 | 74           | 456,168.765300  | 2,199,841.190700 |
| 74 - 75 | 41°45'45"SE | 49.89                 | 75           | 456,201.995200  | 2,199,803.976200 |
| 75 - 76 | 33°10'01"SE | 49.28                 | 76           | 456,228.953400  | 2,199,762.728000 |
| 76 - 77 | 08°20'47"SE | 45.67                 | 77           | 456,235.582700  | 2,199,717.543000 |
| 77 - 78 | 08°20'57"SE | 2.31                  | 78           | 456,235.917500  | 2,199,715.261800 |
| 78 - 79 | 57°12'16"SE | 4.92                  | 79           | 456,240.055200  | 2,199,712.595700 |
| 79 - 80 | 57°12'18"SE | 43.56                 | 80           | 456,276.671400  | 2,199,689.002900 |
| 80 - 81 | 41°03'01"SE | 49.76                 | 81           | 456,309.349100  | 2,199,651.478200 |
| 81 - 82 | 32°19'08"SE | 49.96                 | 82           | 456,336.059100  | 2,199,609.258000 |
| 82 - 83 | 35°27'47"SE | 50.00                 | 83           | 456,365.067800  | 2,199,568.533900 |
| 83 - 84 | 35°38'01"SE | 50.00                 | 84           | 456,394.197800  | 2,199,527.896000 |
| 84 - 85 | 37°47'12"SE | 49.98                 | 85           | 456,424.822500  | 2,199,488.396000 |
| 85 - 86 | 33°31'36"SE | 49.71                 | 86           | 456,452.280900  | 2,199,446.953200 |
| 86 - 87 | 22°34'01"SE | 49.90                 | 87           | 456,471.429300  | 2,199,400.877800 |
| 87 - 88 | 38°25'52"SE | 46.76                 | 88           | 456,500.493400  | 2,199,364.249000 |
| 88 - 89 | 46°02'30"SE | 47.56                 | 89           | 456,534.732400  | 2,199,331.233000 |
| 89 - 90 | 24°38'33"SE | 49.99                 | 90           | 456,555.577700  | 2,199,285.792100 |
| 90 - 91 | 27°05'06"SE | 48.40                 | 91           | 456,577.616000  | 2,199,242.697900 |
| 91 - 92 | 39°01'45"SE | 49.83                 | 92           | 456,608.994800  | 2,199,203.988700 |
| 92 - 93 | 36°40'16"SE | 48.94                 | 93           | 456,638.224400  | 2,199,164.733000 |
| 93 - 94 | 25°58'09"SE | 47.86                 | 94           | 456,659.183000  | 2,199,121.703000 |
| 94 - 95 | 25°08'38"SE | 22.06                 | 95           | 456,668.557400  | 2,199,101.730700 |
| 95 - 96 | 25°08'37"SE | 13.98                 | 96           | 456,674.496200  | 2,199,089.077800 |
| 96 - 97 | 55°43'37"SW | 108.63                | 97           | 456,584.724900  | 2,199,027.902100 |

A partir de este vértice 97 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 4,225.73 metros hasta llegar al vértice 98.

|        |             |        |    |                |                  |
|--------|-------------|--------|----|----------------|------------------|
|        |             |        | 98 | 454,202.152900 | 2,202,517.905400 |
| 98 - 1 | 47°14'31"NE | 111.38 | 1  |                |                  |

**Zona Núcleo**  
**“Majahuas Norte”**  
**(Superficie 53-09-33.97 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 1 - 2   | 45°41'56"SE | 20.91                 | 1            | 457,364.111400  | 2,198,230.171200 |
| 2 - 3   | 36°52'38"SE | 49.89                 | 2            | 457,379.073200  | 2,198,215.570100 |
| 3 - 4   | 42°43'40"SE | 49.88                 | 3            | 457,409.013000  | 2,198,175.661100 |
| 4 - 5   | 28°20'17"SE | 49.74                 | 4            | 457,442.854700  | 2,198,139.022900 |
| 5 - 6   | 41°37'18"SE | 49.98                 | 5            | 457,466.464400  | 2,198,095.245000 |
| 6 - 7   | 41°26'54"SE | 49.99                 | 6            | 457,499.663200  | 2,198,057.880800 |
| 7 - 8   | 40°19'53"SE | 49.83                 | 7            | 457,532.754600  | 2,198,020.410100 |
| 8 - 9   | 28°40'02"SE | 49.60                 | 8            | 457,565.004800  | 2,197,982.424200 |
| 9 - 10  | 28°40'02"SE | 49.60                 | 9            | 457,588.799800  | 2,197,938.903100 |
| 10 - 11 | 42°50'48"SE | 49.55                 | 10           | 457,622.494100  | 2,197,902.576100 |
| 11 - 12 | 43°38'45"SE | 49.57                 | 11           | 457,656.705500  | 2,197,866.708100 |
| 12 - 13 | 38°24'31"SE | 49.54                 | 12           | 457,687.480200  | 2,197,827.892200 |
| 13 - 14 | 41°35'58"SE | 49.93                 | 13           | 457,720.631800  | 2,197,790.552200 |
| 14 - 15 | 38°46'58"SE | 49.87                 | 14           | 457,751.870200  | 2,197,751.675800 |
| 15 - 16 | 34°28'46"SE | 50.00                 | 15           | 457,780.176100  | 2,197,710.459200 |
| 16 - 17 | 34°17'13"SE | 50.00                 | 16           | 457,808.343000  | 2,197,669.148000 |
| 17 - 18 | 82°56'57"SE | 48.40                 | 17           | 457,856.379400  | 2,197,663.206800 |
| 18 - 19 | 55°18'17"SE | 46.76                 | 18           | 457,894.828400  | 2,197,636.588200 |
| 19 - 20 | 37°15'18"SE | 49.99                 | 19           | 457,925.090700  | 2,197,596.798700 |
| 20 - 21 | 39°32'08"SE | 49.97                 | 20           | 457,956.897100  | 2,197,558.263200 |
| 21 - 22 | 40°45'50"SE | 49.99                 | 21           | 457,989.535000  | 2,197,520.403800 |
| 22 - 23 | 39°00'20"SE | 48.34                 | 22           | 458,019.961200  | 2,197,482.838200 |
| 23 - 24 | 11°42'55"SW | 48.89                 | 23           | 458,010.033200  | 2,197,434.962000 |
| 24 - 25 | 06°25'11"SE | 45.40                 | 24           | 458,015.109800  | 2,197,389.844000 |
| 25 - 26 | 50°08'08"SE | 49.98                 | 25           | 458,053.472900  | 2,197,357.807900 |
| 26 - 27 | 33°23'08"SE | 49.75                 | 26           | 458,080.849700  | 2,197,316.266200 |
| 27 - 28 | 34°49'24"SE | 49.70                 | 27           | 458,109.231200  | 2,197,275.466200 |
| 28 - 29 | 35°21'51"SE | 49.52                 | 28           | 458,137.894800  | 2,197,235.079200 |
| 29 - 30 | 38°07'44"SE | 49.86                 | 29           | 458,168.681900  | 2,197,195.855900 |
| 30 - 31 | 35°28'59"SE | 49.99                 | 30           | 458,197.701900  | 2,197,155.145900 |
| 31 - 32 | 38°40'48"SE | 49.98                 | 31           | 458,228.935000  | 2,197,116.132900 |
| 32 - 33 | 32°05'34"SE | 49.81                 | 32           | 458,255.401300  | 2,197,073.930200 |
| 33 - 34 | 55°22'27"SE | 49.72                 | 33           | 458,296.314400  | 2,197,045.679100 |
| 34 - 35 | 42°42'30"SE | 49.53                 | 34           | 458,329.907100  | 2,197,009.285700 |
| 35 - 36 | 29°18'45"SE | 49.84                 | 35           | 458,354.307500  | 2,196,965.827100 |
| 36 - 37 | 37°20'49"SE | 49.97                 | 36           | 458,384.619200  | 2,196,926.105200 |
| 37 - 38 | 39°19'55"SE | 50.00                 | 37           | 458,416.309000  | 2,196,887.432100 |
| 38 - 39 | 32°04'09"SE | 19.33                 | 38           | 458,426.572600  | 2,196,871.051100 |
| 39 - 40 | 32°04'09"SE | 30.44                 | 39           | 458,442.732600  | 2,196,845.259100 |
| 40 - 41 | 37°37'43"SE | 49.76                 | 40           | 458,473.111600  | 2,196,805.851900 |
| 41 - 42 | 38°37'21"SE | 49.82                 | 41           | 458,504.207800  | 2,196,766.930000 |
| 42 - 43 | 06°03'00"SE | 49.99                 | 42           | 458,509.476900  | 2,196,717.216200 |
| 43 - 44 | 23°13'51"SE | 47.90                 | 43           | 458,528.370400  | 2,196,673.200100 |
| 44 - 45 | 42°23'40"SE | 49.98                 | 44           | 458,562.065800  | 2,196,636.291900 |
| 45 - 46 | 49°55'09"SE | 49.88                 | 45           | 458,600.230800  | 2,196,604.176000 |
| 46 - 47 | 78°37'27"SE | 49.33                 | 46           | 458,648.587400  | 2,196,594.446900 |
| 47 - 48 | 52°00'54"SE | 49.40                 | 47           | 458,687.525000  | 2,196,564.042200 |
| 48 - 49 | 29°13'23"SE | 49.44                 | 48           | 458,711.659900  | 2,196,520.899000 |
| 49 - 50 | 46°23'49"SE | 50.00                 | 49           | 458,747.866800  | 2,196,486.416200 |
| 50 - 51 | 21°06'33"SE | 49.77                 | 50           | 458,765.791500  | 2,196,439.986000 |
| 51 - 52 | 30°47'36"SE | 49.89                 | 51           | 458,791.332800  | 2,196,397.128900 |
| 52 - 53 | 37°50'22"SE | 45.65                 | 52           | 458,819.334600  | 2,196,361.080800 |
| 53 - 54 | 48°41'01"SE | 47.57                 | 53           | 458,855.061700  | 2,196,329.675900 |
| 54 - 55 | 07°38'17"SE | 47.62                 | 54           | 458,861.391800  | 2,196,282.474000 |
| 55 - 56 | 03°27'35"SW | 48.24                 | 55           | 458,858.480200  | 2,196,234.317100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 55 - 56   | 40°56'02"SE | 10.41                 | 56           | 458,865.301200  | 2,196,226.452200 |
| 56 - 57   | 40°56'03"SE | 38.38                 | 57           | 458,890.446400  | 2,196,197.458800 |
| 57 - 58   | 24°47'37"SE | 44.26                 | 58           | 458,909.005100  | 2,196,157.282600 |
| 58 - 59   | 24°47'37"SE | 5.54                  | 59           | 458,911.328800  | 2,196,152.252200 |
| 59 - 60   | 31°32'34"SE | 0.46                  | 60           | 458,911.569300  | 2,196,151.860400 |
| 60 - 61   | 31°32'25"SE | 49.50                 | 61           | 458,937.464600  | 2,196,109.669800 |
| 61 - 62   | 46°27'19"SE | 15.36                 | 62           | 458,948.595000  | 2,196,099.091000 |
| 62 - 63   | 46°27'17"SE | 33.04                 | 63           | 458,972.544200  | 2,196,076.328200 |
| 63 - 64   | 20°36'03"SE | 37.40                 | 64           | 458,985.702200  | 2,196,041.323700 |
| 64 - 65   | 20°36'03"SE | 12.27                 | 65           | 458,990.020000  | 2,196,029.836900 |
| 65 - 66   | 41°44'46"SE | 47.96                 | 66           | 459,021.954900  | 2,195,994.052200 |
| 66 - 67   | 39°53'23"SE | 39.71                 | 67           | 459,047.421700  | 2,195,963.583200 |
| 67 - 68   | 39°53'26"SE | 9.02                  | 68           | 459,053.209500  | 2,195,956.658800 |
| 68 - 69   | 47°38'13"SE | 49.85                 | 69           | 459,090.044800  | 2,195,923.067200 |
| 69 - 70   | 42°44'28"SE | 44.75                 | 70           | 459,120.416400  | 2,195,890.201200 |
| 70 - 71   | 42°44'27"SE | 4.77                  | 71           | 459,123.651200  | 2,195,886.700700 |
| 71 - 72   | 31°47'23"SE | 11.29                 | 72           | 459,129.596800  | 2,195,877.107600 |
| 72 - 73   | 31°47'24"SE | 34.56                 | 73           | 459,147.805800  | 2,195,847.728200 |
| 73 - 74   | 36°39'28"SE | 25.11                 | 74           | 459,162.800100  | 2,195,827.581000 |
| 74 - 75   | 36°39'30"SE | 24.19                 | 75           | 459,177.243000  | 2,195,808.175000 |
| 75 - 76   | 35°11'31"SE | 3.84                  | 76           | 459,179.457100  | 2,195,805.035400 |
| 76 - 77   | 35°11'28"SE | 26.67                 | 77           | 459,194.827200  | 2,195,783.239900 |
| 77 - 78   | 35°11'27"SE | 19.22                 | 78           | 459,205.906300  | 2,195,767.529000 |
| 78 - 79   | 25°56'11"SE | 49.99                 | 79           | 459,227.769300  | 2,195,722.576900 |
| 79 - 80   | 44°06'11"SE | 48.75                 | 80           | 459,261.694400  | 2,195,687.572800 |
| 80 - 81   | 56°44'48"SE | 46.39                 | 81           | 459,300.492000  | 2,195,662.133000 |
| 81 - 82   | 67°18'30"SE | 1.09                  | 82           | 459,301.496700  | 2,195,661.712900 |
| 82 - 83   | 67°18'35"SE | 48.29                 | 83           | 459,346.045200  | 2,195,643.086900 |
| 83 - 84   | 55°32'53"SE | 50.00                 | 84           | 459,387.274200  | 2,195,614.802000 |
| 84 - 85   | 52°46'45"SE | 65.09                 | 85           | 459,439.104800  | 2,195,575.431100 |
| 85 - 86   | 39°57'24"SE | 34.12                 | 86           | 459,461.018700  | 2,195,549.275100 |
| 86 - 87   | 35°37'00"SE | 49.91                 | 87           | 459,490.085600  | 2,195,508.700000 |
| 87 - 88   | 45°17'51"SE | 49.55                 | 88           | 459,525.304500  | 2,195,473.845000 |
| 88 - 89   | 44°00'39"SE | 47.96                 | 89           | 459,558.628700  | 2,195,439.350000 |
| 89 - 90   | 37°44'13"SE | 49.98                 | 90           | 459,589.217100  | 2,195,399.826200 |
| 90 - 91   | 35°59'29"SE | 49.91                 | 91           | 459,618.545100  | 2,195,359.447200 |
| 91 - 92   | 25°54'48"SE | 49.98                 | 92           | 459,640.388300  | 2,195,314.490000 |
| 92 - 93   | 38°56'48"SE | 49.52                 | 93           | 459,671.514100  | 2,195,275.979800 |
| 93 - 94   | 39°37'59"SE | 49.95                 | 94           | 459,703.373200  | 2,195,237.514100 |
| 94 - 95   | 39°17'30"SE | 49.93                 | 95           | 459,734.992000  | 2,195,198.872100 |
| 95 - 96   | 38°29'06"SE | 49.99                 | 96           | 459,766.103400  | 2,195,159.739000 |
| 96 - 97   | 29°07'09"SE | 48.83                 | 97           | 459,789.863600  | 2,195,117.084200 |
| 97 - 98   | 43°06'45"SE | 49.06                 | 98           | 459,823.389900  | 2,195,081.273000 |
| 98 - 99   | 47°26'07"SE | 48.97                 | 99           | 459,859.454500  | 2,195,048.151000 |
| 99 - 100  | 64°26'19"SE | 49.78                 | 100          | 459,904.366800  | 2,195,026.670100 |
| 100 - 101 | 21°32'29"SE | 47.64                 | 101          | 459,921.858900  | 2,194,982.358200 |
| 101 - 102 | 66°42'02"SE | 46.39                 | 102          | 459,964.466900  | 2,194,964.008900 |
| 102 - 103 | 57°16'50"SE | 47.00                 | 103          | 460,004.012600  | 2,194,938.602200 |
| 103 - 104 | 32°43'31"SE | 49.95                 | 104          | 460,031.014400  | 2,194,896.583800 |
| 104 - 105 | 35°28'17"SE | 49.99                 | 105          | 460,060.026200  | 2,194,855.868100 |
| 105 - 106 | 38°25'36"SE | 49.99                 | 106          | 460,091.093200  | 2,194,816.709000 |
| 106 - 107 | 28°55'06"SE | 49.87                 | 107          | 460,115.207600  | 2,194,773.059200 |
| 107 - 108 | 39°27'18"SE | 49.94                 | 108          | 460,146.940000  | 2,194,734.503100 |
| 108 - 109 | 42°05'32"SE | 50.00                 | 109          | 460,180.453500  | 2,194,697.402900 |
| 109 - 110 | 41°22'05"SE | 49.98                 | 110          | 460,213.486000  | 2,194,659.893100 |
| 110 - 111 | 15°17'14"SE | 49.49                 | 111          | 460,226.534400  | 2,194,612.155200 |
| 111 - 112 | 54°44'06"SW | 88.81                 | 112          | 460,154.018600  | 2,194,560.878000 |

A partir de este vértice 112 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 4,602.94 metros hasta llegar al vértice 113.

|         |             |        |     |                |                  |
|---------|-------------|--------|-----|----------------|------------------|
|         |             |        | 113 | 457,258.744600 | 2,198,139.214300 |
| 113 - 1 | 49°11'52"NE | 139.20 | 1   |                |                  |

**Zona Núcleo**  
**“Majahuas Sur”**  
**(Superficie 32-71-02.13 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 461,091.431900  | 2,193,533.918900 |
| 1 - 2   | 40°15'52"SE | 50.00                 | 2            | 461,123.744900  | 2,193,495.769100 |
| 2 - 3   | 44°28'41"SE | 49.98                 | 3            | 461,158.764400  | 2,193,460.105800 |
| 3 - 4   | 42°21'18"SE | 49.93                 | 4            | 461,192.406500  | 2,193,423.205000 |
| 4 - 5   | 47°50'35"SE | 49.94                 | 5            | 461,229.425900  | 2,193,389.688700 |
| 5 - 6   | 41°34'21"SE | 49.96                 | 6            | 461,262.575800  | 2,193,352.315100 |
| 6 - 7   | 48°03'19"SE | 49.96                 | 7            | 461,299.738300  | 2,193,318.918900 |
| 7 - 8   | 40°09'40"SE | 49.84                 | 8            | 461,331.880800  | 2,193,280.831100 |
| 8 - 9   | 63°08'41"SE | 48.87                 | 9            | 461,375.479600  | 2,193,258.755100 |
| 9 - 10  | 63°08'44"SE | 0.84                  | 10           | 461,376.230100  | 2,193,258.375100 |
| 10 - 11 | 37°42'05"SE | 0.31                  | 11           | 461,376.418000  | 2,193,258.132000 |
| 11 - 12 | 37°42'12"SE | 26.42                 | 12           | 461,392.576000  | 2,193,237.228700 |
| 12 - 13 | 37°42'13"SE | 21.27                 | 13           | 461,405.586800  | 2,193,220.397000 |
| 13 - 14 | 29°24'48"SE | 15.97                 | 14           | 461,413.430500  | 2,193,206.484300 |
| 14 - 15 | 29°24'50"SE | 29.58                 | 15           | 461,427.956300  | 2,193,180.719900 |
| 15 - 16 | 65°57'54"SE | 43.33                 | 16           | 461,467.528000  | 2,193,163.072500 |
| 16 - 17 | 65°57'49"SE | 4.90                  | 17           | 461,472.000100  | 2,193,161.078000 |
| 17 - 18 | 44°02'52"SE | 22.41                 | 18           | 461,487.578200  | 2,193,144.973400 |
| 18 - 19 | 44°02'51"SE | 27.58                 | 19           | 461,506.755900  | 2,193,125.147300 |
| 19 - 20 | 41°07'14"SE | 49.99                 | 20           | 461,539.634700  | 2,193,087.485100 |
| 20 - 21 | 40°13'24"SE | 207.31                | 21           | 461,673.506600  | 2,192,929.200000 |
| 21 - 22 | 40°13'24"SE | 41.23                 | 22           | 461,700.129500  | 2,192,897.722100 |
| 22 - 23 | 42°42'01"SE | 18.27                 | 23           | 461,712.517800  | 2,192,884.297200 |
| 23 - 24 | 42°41'04"SE | 0.21                  | 24           | 461,712.660200  | 2,192,884.142800 |
| 24 - 25 | 42°42'00"SE | 31.42                 | 25           | 461,733.967800  | 2,192,861.052100 |
| 25 - 26 | 49°37'54"SE | 34.23                 | 26           | 461,760.050800  | 2,192,838.878700 |
| 26 - 27 | 49°37'54"SE | 14.81                 | 27           | 461,771.334000  | 2,192,829.286700 |
| 27 - 28 | 50°27'03"SE | 48.91                 | 28           | 461,809.050800  | 2,192,798.141200 |
| 28 - 29 | 45°58'16"SE | 49.47                 | 29           | 461,844.621000  | 2,192,763.757000 |
| 29 - 30 | 26°12'35"SE | 49.61                 | 30           | 461,866.531700  | 2,192,719.247700 |
| 30 - 31 | 38°01'10"SE | 49.00                 | 31           | 461,896.712200  | 2,192,680.645700 |
| 31 - 32 | 48°31'15"SE | 13.11                 | 32           | 461,906.533700  | 2,192,671.962800 |
| 32 - 33 | 48°31'15"SE | 35.75                 | 33           | 461,933.316400  | 2,192,648.284900 |
| 33 - 34 | 45°12'42"SE | 49.22                 | 34           | 461,968.245600  | 2,192,613.612900 |
| 34 - 35 | 24°28'36"SE | 14.13                 | 35           | 461,974.101400  | 2,192,600.749700 |
| 35 - 36 | 24°28'37"SE | 35.58                 | 36           | 461,988.842000  | 2,192,568.370200 |
| 36 - 37 | 55°53'38"SE | 36.76                 | 37           | 462,019.281400  | 2,192,547.756500 |
| 37 - 38 | 55°53'36"SE | 11.35                 | 38           | 462,028.677900  | 2,192,541.393000 |
| 38 - 39 | 51°26'10"SE | 47.32                 | 39           | 462,065.677500  | 2,192,511.895000 |
| 39 - 40 | 53°39'46"SE | 45.04                 | 40           | 462,101.959700  | 2,192,485.207000 |
| 40 - 41 | 18°37'33"SE | 47.20                 | 41           | 462,117.036000  | 2,192,440.475900 |
| 41 - 42 | 34°18'16"SE | 48.32                 | 42           | 462,144.271000  | 2,192,400.557800 |
| 42 - 43 | 53°49'04"SE | 49.86                 | 43           | 462,184.514600  | 2,192,371.123300 |
| 43 - 44 | 26°55'08"SE | 48.92                 | 44           | 462,206.659900  | 2,192,327.508200 |
| 44 - 45 | 49°44'58"SE | 46.13                 | 45           | 462,241.868000  | 2,192,297.701900 |
| 45 - 46 | 33°30'20"SE | 48.86                 | 46           | 462,268.838100  | 2,192,256.963300 |
| 46 - 47 | 42°10'23"SE | 48.15                 | 47           | 462,301.164900  | 2,192,221.278200 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 47 - 48 | 42°23'49"SE | 48.47                 | 48           | 462,333.846100  | 2,192,185.483900 |
| 48 - 49 | 41°16'20"SE | 49.81                 | 49           | 462,366.699600  | 2,192,148.051100 |
| 49 - 50 | 34°52'30"SE | 49.46                 | 50           | 462,394.982700  | 2,192,107.470800 |
| 50 - 51 | 28°52'48"SE | 50.00                 | 51           | 462,419.131600  | 2,192,063.689100 |
| 51 - 52 | 32°07'07"SE | 49.87                 | 52           | 462,445.646600  | 2,192,021.451200 |
| 52 - 53 | 43°02'40"SE | 49.98                 | 53           | 462,479.758100  | 2,191,984.928000 |
| 53 - 54 | 47°56'09"SE | 49.11                 | 54           | 462,516.216200  | 2,191,952.027000 |
| 54 - 55 | 40°19'21"SE | 49.27                 | 55           | 462,548.100000  | 2,191,914.461100 |
| 55 - 56 | 30°37'34"SE | 49.22                 | 56           | 462,573.173600  | 2,191,872.108200 |
| 56 - 57 | 43°40'50"SE | 49.99                 | 57           | 462,607.698300  | 2,191,835.955800 |
| 57 - 58 | 40°29'41"SE | 47.13                 | 58           | 462,638.304200  | 2,191,800.114500 |
| 58 - 59 | 40°29'37"SE | 2.70                  | 59           | 462,640.056900  | 2,191,798.061900 |
| 59 - 60 | 35°20'58"SE | 75.62                 | 60           | 462,683.806600  | 2,191,736.385100 |
| 60 - 61 | 34°18'06"SE | 24.36                 | 61           | 462,697.536600  | 2,191,716.259000 |
| 61 - 62 | 39°37'20"SE | 49.91                 | 62           | 462,729.366400  | 2,191,677.813900 |
| 62 - 63 | 36°07'22"SE | 49.90                 | 63           | 462,758.784100  | 2,191,637.506000 |
| 63 - 64 | 39°00'05"SE | 49.97                 | 64           | 462,790.230700  | 2,191,598.674900 |
| 64 - 65 | 61°27'39"SE | 39.60                 | 65           | 462,825.021600  | 2,191,579.754200 |
| 65 - 66 | 43°32'34"SE | 49.98                 | 66           | 462,859.452700  | 2,191,543.525800 |
| 66 - 67 | 42°03'22"SE | 50.00                 | 67           | 462,892.944000  | 2,191,506.403200 |
| 67 - 68 | 40°48'37"SE | 49.99                 | 68           | 462,925.617100  | 2,191,468.565100 |
| 68 - 69 | 41°47'05"SE | 50.00                 | 69           | 462,958.933700  | 2,191,431.282800 |
| 69 - 70 | 35°23'22"SE | 49.96                 | 70           | 462,987.865600  | 2,191,390.556000 |
| 70 - 71 | 26°06'35"SE | 49.85                 | 71           | 463,009.802500  | 2,191,345.796900 |
| 71 - 72 | 17°43'12"SE | 49.50                 | 72           | 463,024.868600  | 2,191,298.646000 |
| 72 - 73 | 17°36'19"SE | 46.22                 | 73           | 463,038.848400  | 2,191,254.590200 |
| 73 - 74 | 49°33'52"SE | 50.00                 | 74           | 463,076.904500  | 2,191,222.161200 |
| 74 - 75 | 48°08'42"SE | 50.00                 | 75           | 463,114.146200  | 2,191,188.798900 |
| 75 - 76 | 39°01'52"SE | 49.86                 | 76           | 463,145.544700  | 2,191,150.068100 |
| 76 - 77 | 36°34'51"SE | 49.99                 | 77           | 463,175.339000  | 2,191,109.922200 |
| 77 - 78 | 51°10'46"SE | 48.55                 | 78           | 463,213.161200  | 2,191,079.490100 |
| 78 - 79 | 46°38'00"SE | 49.49                 | 79           | 463,249.140500  | 2,191,045.506100 |
| 79 - 80 | 32°40'22"SE | 49.57                 | 80           | 463,275.899700  | 2,191,003.780900 |
| 80 - 81 | 39°39'40"SE | 49.61                 | 81           | 463,307.560300  | 2,190,965.592900 |
| 81 - 82 | 18°47'54"SE | 49.51                 | 82           | 463,323.514400  | 2,190,918.723900 |
| 82 - 83 | 30°30'51"SE | 49.24                 | 83           | 463,348.516500  | 2,190,876.302800 |
| 83 - 84 | 51°02'18"SE | 49.95                 | 84           | 463,387.358600  | 2,190,844.892200 |
| 84 - 85 | 64°32'12"SE | 46.11                 | 85           | 463,428.987400  | 2,190,825.069100 |
| 85 - 86 | 30°08'01"SE | 48.96                 | 86           | 463,453.566200  | 2,190,782.726000 |
| 86 - 87 | 29°19'09"SE | 49.86                 | 87           | 463,477.980400  | 2,190,739.254900 |
| 87 - 88 | 14°18'48"SE | 49.76                 | 88           | 463,490.283100  | 2,190,691.036800 |
| 88 - 89 | 38°08'39"SE | 47.75                 | 89           | 463,519.777500  | 2,190,653.481200 |
| 89 - 90 | 43°48'32"SE | 49.51                 | 90           | 463,554.049600  | 2,190,617.754000 |
| 90 - 91 | 61°27'23"SE | 49.55                 | 91           | 463,597.578700  | 2,190,594.076800 |
| 91 - 92 | 40°02'57"SE | 48.70                 | 92           | 463,628.916700  | 2,190,556.795000 |
| 92 - 93 | 54°37'30"SW | 147.51                | 93           | 463,508.640300  | 2,190,471.398000 |

A partir de este vértice 93 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 3,898.74 metros hasta llegar al vértice 94.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 94 | 461,049.518500 | 2,193,496.770300 |
| 94 - 1 | 48°26'55"NE | 56.01 | 1  |                |                  |

**Zona Núcleo**  
**“El Chiquihuite”**  
**(Superficie 9-29-38.16 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 1 - 2   | 15°07'17"SE | 49.28                 | 1            | 465,421.019300  | 2,187,238.211000 |
| 2 - 3   | 19°28'34"SE | 49.34                 | 2            | 465,433.876000  | 2,187,190.633300 |
| 3 - 4   | 23°11'01"SE | 48.70                 | 3            | 465,450.328400  | 2,187,144.112100 |
| 4 - 5   | 15°36'46"SE | 49.76                 | 4            | 465,469.501200  | 2,187,099.343800 |
| 5 - 6   | 23°43'53"SE | 49.99                 | 5            | 465,482.893100  | 2,187,051.420900 |
| 6 - 7   | 15°27'54"SE | 49.81                 | 6            | 465,503.010200  | 2,187,005.661100 |
| 7 - 8   | 19°11'07"SE | 49.80                 | 7            | 465,516.292800  | 2,186,957.651800 |
| 8 - 9   | 20°07'27"SE | 49.24                 | 8            | 465,532.657000  | 2,186,910.621800 |
| 9 - 10  | 17°35'36"SE | 47.60                 | 9            | 465,549.599500  | 2,186,864.385000 |
| 10 - 11 | 23°17'45"SE | 11.27                 | 10           | 465,563.986600  | 2,186,819.012900 |
| 11 - 12 | 23°17'46"SE | 38.61                 | 11           | 465,568.444500  | 2,186,808.659800 |
| 12 - 13 | 23°50'13"SE | 33.56                 | 12           | 465,583.714000  | 2,186,773.197800 |
| 13 - 14 | 23°50'14"SE | 16.42                 | 13           | 465,597.276900  | 2,186,742.500600 |
| 14 - 15 | 17°56'56"SE | 49.98                 | 14           | 465,603.914500  | 2,186,727.477700 |
| 15 - 16 | 02°53'32"SE | 0.06                  | 15           | 465,619.316000  | 2,186,679.933000 |
| 16 - 17 | 02°49'33"SE | 47.49                 | 16           | 465,619.318900  | 2,186,679.875600 |
| 17 - 18 | 23°52'19"SE | 49.92                 | 17           | 465,621.660500  | 2,186,632.440300 |
| 18 - 19 | 19°46'37"SE | 49.93                 | 18           | 465,641.864200  | 2,186,586.788300 |
| 19 - 20 | 21°35'11"SE | 49.82                 | 19           | 465,658.758300  | 2,186,539.804100 |
| 20 - 21 | 21°15'32"SE | 49.98                 | 20           | 465,677.088300  | 2,186,493.476300 |
| 21 - 22 | 21°23'40"SE | 49.57                 | 21           | 465,695.211800  | 2,186,446.893700 |
| 22 - 23 | 21°24'16"SE | 49.15                 | 22           | 465,713.294300  | 2,186,400.739800 |
| 23 - 24 | 16°36'11"SE | 48.28                 | 23           | 465,731.233200  | 2,186,354.975900 |
| 24 - 25 | 09°22'48"SE | 47.90                 | 24           | 465,745.029800  | 2,186,308.705900 |
| 25 - 26 | 04°57'37"SE | 10.62                 | 25           | 465,752.836900  | 2,186,261.444800 |
| 26 - 27 | 04°57'38"SE | 37.23                 | 26           | 465,753.755400  | 2,186,250.862200 |
| 27 - 28 | 05°30'55"SW | 40.55                 | 27           | 465,756.974800  | 2,186,213.770300 |
| 28 - 29 | 08°12'06"SE | 48.49                 | 28           | 465,753.077800  | 2,186,173.413000 |
| 29 - 30 | 36°35'43"SW | 49.07                 | 29           | 465,759.994900  | 2,186,125.423100 |
| 30 - 31 | 66°23'52"SW | 48.27                 | 30           | 465,730.743200  | 2,186,086.028900 |
| 31 - 32 | 61°28'00"SW | 12.57                 | 31           | 465,686.511700  | 2,186,066.702700 |
| 32 - 33 | 18°02'47"NW | 65.11                 | 32           | 465,675.467300  | 2,186,060.697800 |
|         |             |                       | 33           | 465,655.296300  | 2,186,122.606500 |

A partir de este vértice 33 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1,133.29 metros hasta llegar al vértice 34.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 34 | 465,352.774200 | 2,187,214.772700 |
| 34 - 1 | 71°02'43"NE | 72.16 | 1  |                |                  |

**Zona Núcleo**  
**“Chalacatepec Norte”**  
**(Superficie 25-59-67.32 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 1 - 2   | 40°21'52"SE | 39.55                 | 1            | 471,737.411100  | 2,178,842.472900 |
| 2 - 3   | 39°49'35"SE | 49.99                 | 2            | 471,763.022500  | 2,178,812.341800 |
| 3 - 4   | 38°17'24"SE | 50.00                 | 3            | 471,795.042000  | 2,178,773.947100 |
| 4 - 5   | 40°13'33"SE | 49.98                 | 4            | 471,826.024200  | 2,178,734.703100 |
| 5 - 6   | 41°20'51"SE | 50.00                 | 5            | 471,858.303600  | 2,178,696.540800 |
| 6 - 7   | 36°53'08"SE | 49.77                 | 6            | 471,891.334900  | 2,178,659.004900 |
| 7 - 8   | 30°04'07"SE | 50.00                 | 7            | 471,921.207200  | 2,178,619.198200 |
| 8 - 9   | 33°24'16"SE | 49.99                 | 8            | 471,946.259000  | 2,178,575.927100 |
| 9 - 10  | 84°12'19"SE | 49.09                 | 9            | 471,973.782300  | 2,178,534.193000 |
| 10 - 11 | 46°26'14"SE | 48.36                 | 10           | 472,022.626400  | 2,178,529.236200 |
|         |             |                       | 11           | 472,057.668200  | 2,178,495.909900 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 11 - 12 | 19°55'34"SE | 45.75                 | 12           | 472,073.259000  | 2,178,452.902300 |
| 12 - 13 | 03°39'02"SE | 48.02                 | 13           | 472,076.316500  | 2,178,404.983000 |
| 13 - 14 | 28°48'38"SE | 50.00                 | 14           | 472,100.412400  | 2,178,361.172100 |
| 14 - 15 | 33°24'21"SE | 49.95                 | 15           | 472,127.913500  | 2,178,319.474100 |
| 15 - 16 | 34°49'28"SE | 50.00                 | 16           | 472,156.466700  | 2,178,278.428900 |
| 16 - 17 | 36°37'41"SE | 50.00                 | 17           | 472,186.295700  | 2,178,238.305200 |
| 17 - 18 | 35°40'31"SE | 49.96                 | 18           | 472,215.430400  | 2,178,197.723200 |
| 18 - 19 | 30°55'12"SE | 50.00                 | 19           | 472,241.122100  | 2,178,154.829900 |
| 19 - 20 | 29°21'27"SE | 50.00                 | 20           | 472,265.635200  | 2,178,111.251000 |
| 20 - 21 | 31°49'48"SE | 49.99                 | 21           | 472,291.999100  | 2,178,068.780200 |
| 21 - 22 | 33°35'25"SE | 50.00                 | 22           | 472,319.661200  | 2,178,027.130200 |
| 22 - 23 | 35°38'12"SE | 49.99                 | 23           | 472,348.786900  | 2,177,986.503200 |
| 23 - 24 | 34°56'50"SE | 49.97                 | 24           | 472,377.412000  | 2,177,945.542200 |
| 24 - 25 | 44°41'41"SE | 49.97                 | 25           | 472,412.560500  | 2,177,910.017300 |
| 25 - 26 | 15°49'24"SE | 49.42                 | 26           | 472,426.036400  | 2,177,862.468900 |
| 26 - 27 | 32°30'43"SE | 50.00                 | 27           | 472,452.910400  | 2,177,820.305000 |
| 27 - 28 | 32°46'15"SE | 50.00                 | 28           | 472,479.974500  | 2,177,778.263100 |
| 28 - 29 | 33°12'02"SE | 49.98                 | 29           | 472,507.339500  | 2,177,736.446100 |
| 29 - 30 | 27°23'10"SE | 50.00                 | 30           | 472,530.337000  | 2,177,692.053100 |
| 30 - 31 | 27°15'08"SE | 49.97                 | 31           | 472,553.220400  | 2,177,647.626900 |
| 31 - 32 | 30°34'23"SE | 49.85                 | 32           | 472,578.575000  | 2,177,604.709000 |
| 32 - 33 | 32°57'41"SE | 49.99                 | 33           | 472,605.775100  | 2,177,562.762900 |
| 33 - 34 | 24°55'23"SE | 49.61                 | 34           | 472,626.682600  | 2,177,517.769200 |
| 34 - 35 | 18°46'03"SE | 49.92                 | 35           | 472,642.743600  | 2,177,470.503100 |
| 35 - 36 | 32°56'11"SE | 49.61                 | 36           | 472,669.715000  | 2,177,428.869800 |
| 36 - 37 | 30°22'35"SE | 49.61                 | 37           | 472,694.803700  | 2,177,386.066800 |
| 37 - 38 | 19°52'57"SE | 49.93                 | 38           | 472,711.786100  | 2,177,339.109000 |
| 38 - 39 | 21°18'07"SE | 49.92                 | 39           | 472,729.920500  | 2,177,292.601900 |
| 39 - 40 | 27°11'40"SE | 49.83                 | 40           | 472,752.691600  | 2,177,248.284000 |
| 40 - 41 | 20°31'53"SE | 49.92                 | 41           | 472,770.200900  | 2,177,201.531800 |
| 41 - 42 | 16°44'54"SE | 49.97                 | 42           | 472,784.601200  | 2,177,153.679900 |
| 42 - 43 | 20°40'22"SE | 49.99                 | 43           | 472,802.248600  | 2,177,106.910900 |
| 43 - 44 | 24°29'31"SE | 49.95                 | 44           | 472,822.954300  | 2,177,061.459900 |
| 44 - 45 | 14°18'17"SE | 49.83                 | 45           | 472,835.266000  | 2,177,013.176200 |
| 45 - 46 | 14°37'49"SE | 49.64                 | 46           | 472,847.803600  | 2,176,965.148100 |
| 46 - 47 | 12°33'53"SE | 49.98                 | 47           | 472,858.675600  | 2,176,916.368800 |
| 47 - 48 | 13°27'58"SE | 49.94                 | 48           | 472,870.306300  | 2,176,867.797200 |
| 48 - 49 | 05°10'35"SE | 49.73                 | 49           | 472,874.793000  | 2,176,818.272900 |
| 49 - 50 | 09°17'35"SE | 49.83                 | 50           | 472,882.840400  | 2,176,769.094100 |
| 50 - 51 | 01°50'45"SE | 22.87                 | 51           | 472,883.577100  | 2,176,746.235000 |
| 51 - 52 | 01°50'42"SE | 6.09                  | 52           | 472,883.773100  | 2,176,740.150600 |
| 52 - 53 | 01°50'44"SE | 21.04                 | 53           | 472,884.450800  | 2,176,719.120100 |
| 53 - 54 | 00°05'17"SE | 49.99                 | 54           | 472,884.527700  | 2,176,669.130100 |
| 54 - 55 | 01°37'49"SE | 50.00                 | 55           | 472,885.950100  | 2,176,619.155100 |
| 55 - 56 | 00°53'33"SE | 49.98                 | 56           | 472,886.728600  | 2,176,569.183000 |
| 56 - 57 | 11°41'40"SW | 49.72                 | 57           | 472,876.650600  | 2,176,520.494800 |
| 57 - 58 | 15°43'33"SW | 14.47                 | 58           | 472,872.729100  | 2,176,506.567900 |
| 58 - 59 | 15°43'33"SW | 35.53                 | 59           | 472,863.099200  | 2,176,472.367700 |
| 59 - 60 | 13°18'03"SW | 50.00                 | 60           | 472,851.597000  | 2,176,423.713200 |
| 60 - 61 | 17°36'41"SW | 49.83                 | 61           | 472,836.519300  | 2,176,376.215100 |
| 61 - 62 | 22°57'24"SW | 50.00                 | 62           | 472,817.018200  | 2,176,330.176900 |
| 62 - 63 | 27°14'54"SW | 49.70                 | 63           | 472,794.261200  | 2,176,285.988800 |
| 63 - 64 | 34°24'34"SW | 49.67                 | 64           | 472,766.193100  | 2,176,245.011100 |
| 64 - 65 | 43°15'43"SW | 49.92                 | 65           | 472,731.983700  | 2,176,208.660700 |
| 65 - 66 | 54°51'48"SW | 31.71                 | 66           | 472,706.055100  | 2,176,190.413000 |
| 66 - 67 | 54°51'48"SW | 18.28                 | 67           | 472,691.108300  | 2,176,179.894000 |
| 67 - 68 | 60°54'13"SW | 42.00                 | 68           | 472,654.407300  | 2,176,159.469700 |
| 68 - 69 | 22°00'50"NW | 59.55                 | 69           | 472,632.084200  | 2,176,214.682600 |

A partir de este vértice 69 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 2,749.56 metros hasta llegar al vértice 70.

|        |             |        |    |                |                  |
|--------|-------------|--------|----|----------------|------------------|
|        |             |        | 70 | 471,651.087164 | 2,178,783.286970 |
| 70 - 1 | 55°33'52"NE | 104.67 | 1  |                |                  |



**Zona Núcleo**  
**“Chalacatepec Sur”**

**(Superficie 78-46-32.61 hectáreas)**

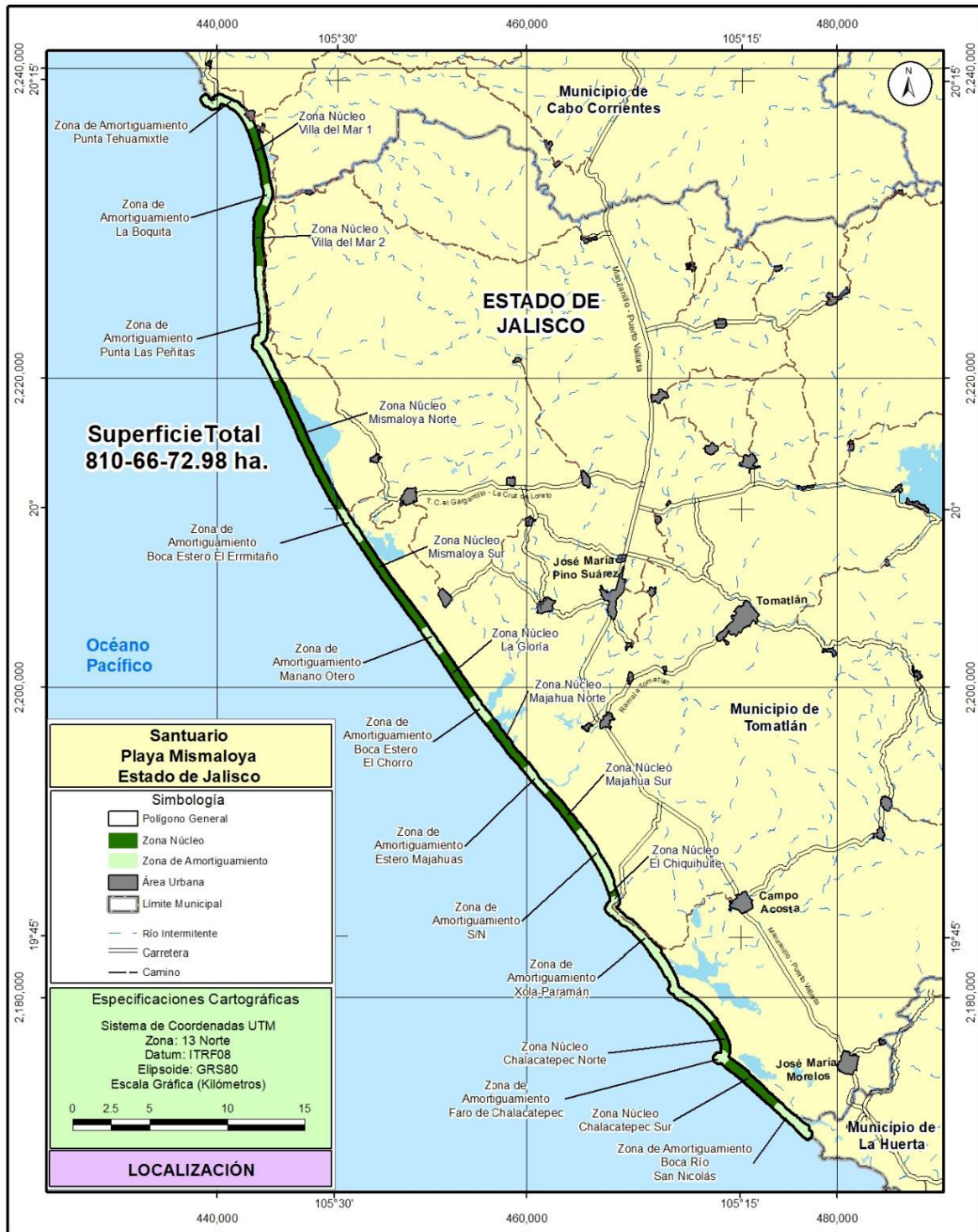
| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 472,560.187500  | 2,176,123.039700 |
| 1 - 2   | 74°22'39"SE | 41.46                 | 2            | 472,600.112200  | 2,176,111.875800 |
| 2 - 3   | 65°04'44"SE | 46.96                 | 3            | 472,642.700900  | 2,176,092.087900 |
| 3 - 4   | 68°00'42"SE | 46.54                 | 4            | 472,685.854400  | 2,176,074.663100 |
| 4 - 5   | 64°08'36"SE | 48.52                 | 5            | 472,729.517600  | 2,176,053.502200 |
| 5 - 6   | 73°14'50"SE | 49.45                 | 6            | 472,776.871500  | 2,176,039.248000 |
| 6 - 7   | 70°47'55"SE | 46.10                 | 7            | 472,820.410300  | 2,176,024.085100 |
| 7 - 8   | 47°14'01"SE | 49.70                 | 8            | 472,856.897100  | 2,175,990.337800 |
| 8 - 9   | 58°23'53"SE | 49.74                 | 9            | 472,899.263000  | 2,175,964.272200 |
| 9 - 10  | 52°27'28"SE | 48.98                 | 10           | 472,938.097200  | 2,175,934.428200 |
| 10 - 11 | 55°57'42"SE | 49.94                 | 11           | 472,979.481000  | 2,175,906.474200 |
| 11 - 12 | 56°28'04"SE | 49.93                 | 12           | 473,021.098100  | 2,175,878.894900 |
| 12 - 13 | 56°55'16"SE | 49.95                 | 13           | 473,062.948300  | 2,175,851.635300 |
| 13 - 14 | 57°16'44"SE | 49.97                 | 14           | 473,104.987300  | 2,175,824.625100 |
| 14 - 15 | 52°30'57"SE | 49.95                 | 15           | 473,144.624300  | 2,175,794.228100 |
| 15 - 16 | 54°58'48"SE | 48.37                 | 16           | 473,184.238200  | 2,175,766.469800 |
| 16 - 17 | 59°03'15"SE | 49.79                 | 17           | 473,226.941600  | 2,175,740.866000 |
| 17 - 18 | 63°29'42"SE | 49.83                 | 18           | 473,271.534100  | 2,175,718.628200 |
| 18 - 19 | 56°23'32"SE | 48.93                 | 19           | 473,312.282500  | 2,175,691.547100 |
| 19 - 20 | 52°28'37"SE | 49.36                 | 20           | 473,351.430200  | 2,175,661.483200 |
| 20 - 21 | 50°21'05"SE | 49.98                 | 21           | 473,389.917000  | 2,175,629.589200 |
| 21 - 22 | 57°28'56"SE | 49.92                 | 22           | 473,432.010900  | 2,175,602.754100 |
| 22 - 23 | 49°47'48"SE | 48.99                 | 23           | 473,469.428600  | 2,175,571.130200 |
| 23 - 24 | 48°21'59"SE | 48.87                 | 24           | 473,505.951800  | 2,175,538.665100 |
| 24 - 25 | 53°26'20"SE | 49.29                 | 25           | 473,545.543100  | 2,175,509.303900 |
| 25 - 26 | 47°17'10"SE | 49.88                 | 26           | 473,582.195400  | 2,175,475.466000 |
| 26 - 27 | 55°07'33"SE | 49.21                 | 27           | 473,622.564800  | 2,175,447.331100 |
| 27 - 28 | 54°10'09"SE | 48.49                 | 28           | 473,661.878700  | 2,175,418.945000 |
| 28 - 29 | 60°26'02"SE | 49.61                 | 29           | 473,705.025900  | 2,175,394.468000 |
| 29 - 30 | 54°05'58"SE | 49.90                 | 30           | 473,745.444800  | 2,175,365.209200 |
| 30 - 31 | 50°40'26"SE | 49.88                 | 31           | 473,784.029300  | 2,175,333.598900 |
| 31 - 32 | 50°51'00"SE | 49.62                 | 32           | 473,822.506000  | 2,175,302.274100 |
| 32 - 33 | 33°23'38"SE | 48.85                 | 33           | 473,849.394000  | 2,175,261.487000 |
| 33 - 34 | 61°22'14"SE | 49.52                 | 34           | 473,892.859100  | 2,175,237.760200 |
| 34 - 35 | 56°20'00"SE | 49.87                 | 35           | 473,934.368400  | 2,175,210.112100 |
| 35 - 36 | 52°12'11"SE | 49.61                 | 36           | 473,973.567000  | 2,175,179.709900 |
| 36 - 37 | 28°13'07"SE | 41.32                 | 37           | 473,993.103700  | 2,175,143.302900 |
| 37 - 38 | 60°34'24"SE | 47.63                 | 38           | 474,034.587500  | 2,175,119.902700 |
| 38 - 39 | 58°21'25"SE | 47.64                 | 39           | 474,075.145700  | 2,175,094.909100 |
| 39 - 40 | 45°23'47"SE | 47.51                 | 40           | 474,108.968600  | 2,175,061.551000 |
| 40 - 41 | 19°18'05"SW | 50.00                 | 41           | 474,092.441600  | 2,175,014.361500 |
| 41 - 42 | 28°31'28"SW | 17.20                 | 42           | 474,084.226200  | 2,174,999.246000 |
| 42 - 43 | 47°41'30"SE | 18.61                 | 43           | 474,097.988900  | 2,174,986.719300 |
| 43 - 44 | 19°39'59"SE | 44.93                 | 44           | 474,113.109600  | 2,174,944.410700 |
| 44 - 45 | 35°46'32"SE | 22.03                 | 45           | 474,125.991200  | 2,174,926.534000 |
| 45 - 46 | 78°32'48"SE | 63.04                 | 46           | 474,187.778700  | 2,174,914.015900 |
| 46 - 47 | 48°14'07"SE | 105.14                | 47           | 474,266.202900  | 2,174,843.983700 |
| 47 - 48 | 42°02'39"SE | 80.69                 | 48           | 474,320.243200  | 2,174,784.059000 |
| 48 - 49 | 48°54'56"SE | 76.36                 | 49           | 474,377.795800  | 2,174,733.880200 |
| 49 - 50 | 46°46'13"SE | 79.56                 | 50           | 474,435.762100  | 2,174,679.390000 |
| 50 - 51 | 47°48'38"SE | 65.76                 | 51           | 474,484.482300  | 2,174,635.230000 |
| 51 - 52 | 46°17'15"SE | 63.64                 | 52           | 474,530.482200  | 2,174,591.252700 |
| 52 - 53 | 52°05'52"SE | 50.29                 | 53           | 474,570.167000  | 2,174,560.356600 |
| 53 - 54 | 55°01'57"SE | 21.64                 | 54           | 474,587.898600  | 2,174,547.955800 |
| 54 - 55 | 35°33'13"SE | 29.95                 | 55           | 474,605.314000  | 2,174,523.588800 |
| 55 - 56 | 58°26'48"SE | 29.02                 | 56           | 474,630.040500  | 2,174,508.404800 |
| 56 - 57 | 27°50'00"SW | 23.91                 | 57           | 474,618.878000  | 2,174,487.263300 |
| 57 - 58 | 38°15'40"SE | 24.17                 | 58           | 474,633.845000  | 2,174,468.285500 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 58 - 59 | 56°47'33"SE | 47.44                 | 59           | 474,673.540700  | 2,174,442.302100 |
| 59 - 60 | 75°57'06"SE | 53.00                 | 60           | 474,724.955500  | 2,174,429.436900 |
| 60 - 61 | 51°17'30"SE | 54.31                 | 61           | 474,767.338000  | 2,174,395.472200 |
| 61 - 62 | 26°31'39"SE | 37.32                 | 62           | 474,784.007800  | 2,174,362.078200 |
| 62 - 63 | 44°03'45"SE | 73.67                 | 63           | 474,835.242900  | 2,174,309.138900 |
| 63 - 64 | 85°04'09"SE | 41.38                 | 64           | 474,876.474700  | 2,174,305.581900 |
| 64 - 65 | 36°10'05"SE | 38.40                 | 65           | 474,899.139000  | 2,174,274.579000 |
| 65 - 66 | 45°42'29"SE | 71.41                 | 66           | 474,950.252700  | 2,174,224.713300 |
| 66 - 67 | 46°00'05"SE | 65.56                 | 67           | 474,997.411700  | 2,174,179.174600 |
| 67 - 68 | 52°24'00"SE | 39.85                 | 68           | 475,028.981100  | 2,174,154.863100 |
| 68 - 69 | 44°25'08"SE | 62.09                 | 69           | 475,072.440400  | 2,174,110.513500 |
| 69 - 70 | 31°26'27"SE | 43.16                 | 70           | 475,094.951300  | 2,174,073.693900 |
| 70 - 71 | 50°12'21"SE | 64.98                 | 71           | 475,144.878700  | 2,174,032.104800 |
| 71 - 72 | 45°06'39"SE | 56.52                 | 72           | 475,184.921000  | 2,173,992.217400 |
| 72 - 73 | 28°22'07"SE | 31.43                 | 73           | 475,199.855400  | 2,173,964.560900 |
| 73 - 74 | 40°20'41"SE | 21.86                 | 74           | 475,214.007700  | 2,173,947.899600 |
| 74 - 75 | 48°28'06"SE | 123.70                | 75           | 475,306.609700  | 2,173,865.881500 |
| 75 - 76 | 47°35'05"SE | 109.20                | 76           | 475,387.227500  | 2,173,792.228000 |
| 76 - 77 | 48°07'03"SE | 119.90                | 77           | 475,476.493500  | 2,173,712.183400 |
| 77 - 78 | 49°08'24"SE | 86.51                 | 78           | 475,541.920700  | 2,173,655.588800 |
| 78 - 79 | 48°15'21"SE | 94.47                 | 79           | 475,612.406400  | 2,173,592.690900 |
| 79 - 80 | 52°25'25"SE | 81.85                 | 80           | 475,677.273200  | 2,173,542.779800 |
| 80 - 81 | 45°22'26"SE | 76.33                 | 81           | 475,731.599400  | 2,173,489.158500 |
| 81 - 82 | 45°03'14"SE | 162.56                | 82           | 475,846.655700  | 2,173,374.319100 |
| 82 - 83 | 49°40'11"SE | 116.00                | 83           | 475,935.085300  | 2,173,299.245700 |
| 83 - 84 | 46°10'00"SE | 159.55                | 84           | 476,050.180200  | 2,173,188.746000 |
| 84 - 85 | 46°31'03"SE | 113.54                | 85           | 476,132.562800  | 2,173,110.616100 |
| 85 - 86 | 49°35'40"SE | 80.85                 | 86           | 476,194.132000  | 2,173,058.206700 |
| 86 - 87 | 45°38'46"SE | 89.12                 | 87           | 476,257.853400  | 2,172,995.906700 |
| 87 - 88 | 47°21'45"SE | 115.30                | 88           | 476,342.671600  | 2,172,917.810400 |
| 88 - 89 | 46°00'53"SE | 30.31                 | 89           | 476,364.478500  | 2,172,896.762700 |
| 89 - 90 | 39°49'52"SW | 120.06                | 90           | 476,287.578800  | 2,172,804.566700 |

A partir de este vértice 90 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 4,957.15 metros hasta llegar al vértice 91.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 91 | 472,525.531800 | 2,176,032.623500 |
| 91 - 1 | 20°58'16"NE | 96.83 | 1  |                |                  |

| Polígono general | Superficie (ha)   | Zonificación    | Nombre                  | Superficie (ha)   |
|------------------|-------------------|-----------------|-------------------------|-------------------|
| Playa Mismaloya  | 810.667298        | Amortiguamiento | Punta Tehuamixtle       | 18.858884         |
|                  |                   |                 | Punta La Boquita        | 5.531674          |
|                  |                   |                 | Punta Las Peñitas       | 60.725700         |
|                  |                   |                 | Boca Estero El Ermitaño | 12.321893         |
|                  |                   |                 | Mariano Otero           | 12.326129         |
|                  |                   |                 | Boca Estero El Chorro   | 11.766526         |
|                  |                   |                 | Boca Estero Majahuas    | 9.221601          |
|                  |                   |                 | s/n                     | 51.146865         |
|                  |                   |                 | Boca Xola-Paramán       | 113.038037        |
|                  |                   |                 | Faro de Chalacatepec    | 3.737823          |
|                  |                   |                 | Boca Rio San Nicolás    | 34.621431         |
|                  |                   |                 | <b>Subtotal</b>         | <b>333.296563</b> |
|                  |                   | Núcleo          | Villa del Mar 1         | 37.942212         |
|                  |                   |                 | Villa del Mar 2         | 56.117939         |
|                  |                   |                 | Mismaloya Norte         | 82.621495         |
|                  |                   |                 | Mismaloya Sur           | 52.320880         |
|                  |                   |                 | La Gloria               | 49.210790         |
|                  |                   |                 | Majahuas Norte          | 53.093397         |
|                  |                   |                 | Majahuas Sur            | 32.710213         |
|                  |                   |                 | El Chiquihuite          | 9.293816          |
|                  |                   |                 | Chalacatepec Norte      | 25.596732         |
|                  |                   |                 | Chalacatepec Sur        | 78.463261         |
|                  |                   |                 | <b>Subtotal</b>         | <b>477.370735</b> |
| <b>Total</b>     | <b>810.667298</b> | <b>Total</b>    |                         | <b>810.667298</b> |



**“Playa Teopa”**

El Santuario conocido como Playa Teopa, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de La Huerta, en el estado de Jalisco, con una superficie total de 30-80-81.50 hectáreas (TREINTA HECTÁREAS, OCHENTA ÁREAS, OCHENTA Y UNA PUNTO CINCUENTA CENTIÁREAS). En el área se ubica una zona de amortiguamiento con una superficie de 4-32-54.03 hectáreas (CUATRO HECTÁREAS, TREINTA Y DOS ÁREAS, CINCUENTA Y CUATRO PUNTO TRES CENTIÁREAS) y una zona núcleo con una superficie de 26-48-27.47 hectáreas (VEINTISÉIS HECTÁREAS, CUARENTA Y OCHO ÁREAS, VEINTISIETE PUNTO CUARENTA Y SIETE CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Teopa, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General****(Superficie 30-80-81.50 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
|         |             |                       | 1            | 497,831.258100 | 2,147,608.501900 |
| 1 - 2   | 83°17'24"SE | 15.94                 | 2            | 497,847.093600 | 2,147,606.638900 |
| 2 - 3   | 88°48'27"SE | 15.64                 | 3            | 497,862.727200 | 2,147,606.313500 |
| 3 - 4   | 30°57'49"SE | 16.33                 | 4            | 497,871.129600 | 2,147,592.309500 |
| 4 - 5   | 39°48'20"SE | 21.87                 | 5            | 497,885.133600 | 2,147,575.504700 |
| 5 - 6   | 28°17'13"SE | 25.28                 | 6            | 497,897.112000 | 2,147,553.246400 |
| 6 - 7   | 50°51'16"SE | 15.06                 | 7            | 497,908.794300 | 2,147,543.737100 |
| 7 - 8   | 41°07'57"SE | 51.66                 | 8            | 497,942.777800 | 2,147,504.825800 |
| 8 - 9   | 32°47'02"SE | 17.28                 | 9            | 497,952.134000 | 2,147,490.299000 |
| 9 - 10  | 45°00'01"SE | 10.21                 | 10           | 497,959.354900 | 2,147,483.078200 |
| 10 - 11 | 45°00'00"SE | 29.71                 | 11           | 497,980.360900 | 2,147,462.072200 |
| 11 - 12 | 31°22'22"SE | 67.25                 | 12           | 498,015.370900 | 2,147,404.655700 |
| 12 - 13 | 24°26'38"SE | 16.92                 | 13           | 498,022.372900 | 2,147,389.251300 |
| 13 - 14 | 11°04'12"SE | 65.64                 | 14           | 498,034.976500 | 2,147,324.832900 |
| 14 - 15 | 06°42'35"SE | 23.97                 | 15           | 498,037.777300 | 2,147,301.026000 |
| 15 - 16 | 11°18'35"SE | 14.28                 | 16           | 498,040.578100 | 2,147,287.022000 |
| 16 - 17 | 13°37'37"SE | 47.55                 | 17           | 498,051.781300 | 2,147,240.808800 |
| 17 - 18 | 16°55'39"SE | 33.67                 | 18           | 498,061.584100 | 2,147,208.599600 |
| 18 - 19 | 06°00'33"SE | 26.75                 | 19           | 498,064.385000 | 2,147,181.991900 |
| 19 - 20 | 13°14'25"SE | 24.46                 | 20           | 498,069.986600 | 2,147,158.185100 |
| 20 - 21 | 32°28'16"SE | 18.26                 | 21           | 498,079.789400 | 2,147,142.780700 |
| 21 - 22 | 26°33'54"SE | 15.66                 | 22           | 498,086.791400 | 2,147,128.776700 |
| 22 - 23 | 14°55'53"SE | 21.74                 | 23           | 498,092.393000 | 2,147,107.770700 |
| 23 - 24 | 08°44'46"SE | 18.42                 | 24           | 498,095.193800 | 2,147,089.565500 |
| 24 - 25 | 00°00'00"SE | 7.00                  | 25           | 498,095.193800 | 2,147,082.563500 |
| 25 - 26 | 28°18'02"SE | 20.68                 | 26           | 498,104.996600 | 2,147,064.358200 |
| 26 - 27 | 00°00'00"SE | 7.00                  | 27           | 498,104.996600 | 2,147,057.356200 |
| 27 - 28 | 83°37'11"NW | 9.47                  | 28           | 498,095.586500 | 2,147,058.408400 |
| 28 - 29 | 17°06'02"SE | 48.60                 | 29           | 498,109.877900 | 2,147,011.955800 |
| 29 - 30 | 81°51'58"SE | 4.02                  | 30           | 498,113.853500 | 2,147,011.387600 |
| 30 - 31 | 57°54'50"SE | 20.45                 | 31           | 498,131.175800 | 2,147,000.527200 |
| 31 - 32 | 26°43'56"SE | 21.45                 | 32           | 498,140.825300 | 2,146,981.368200 |
| 32 - 33 | 19°01'17"SE | 23.72                 | 33           | 498,148.555800 | 2,146,958.944600 |
| 33 - 34 | 26°39'10"SE | 20.96                 | 34           | 498,157.958300 | 2,146,940.211500 |
| 34 - 35 | 35°38'45"SE | 21.33                 | 35           | 498,170.387300 | 2,146,922.880300 |
| 35 - 36 | 44°58'59"SE | 14.72                 | 36           | 498,180.793100 | 2,146,912.468400 |
| 36 - 37 | 54°03'55"SW | 7.30                  | 37           | 498,174.881700 | 2,146,908.183800 |
| 37 - 38 | 66°18'44"SW | 12.52                 | 38           | 498,163.413300 | 2,146,903.152500 |
| 38 - 39 | 29°56'05"SW | 15.21                 | 39           | 498,155.825300 | 2,146,889.975100 |
| 39 - 40 | 12°45'07"SW | 17.24                 | 40           | 498,152.019200 | 2,146,873.157500 |
| 40 - 41 | 08°06'31"SE | 19.27                 | 41           | 498,154.736900 | 2,146,854.082500 |
| 41 - 42 | 25°42'21"SE | 16.76                 | 42           | 498,162.008200 | 2,146,838.977800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
| 42 - 43 | 07°20'44"SW | 16.74                 | 43           | 498,159.868000 | 2,146,822.376300 |
| 43 - 44 | 17°06'42"SW | 18.52                 | 44           | 498,154.417900 | 2,146,804.673400 |
| 44 - 45 | 17°08'07"SE | 17.06                 | 45           | 498,159.445100 | 2,146,788.368100 |
| 45 - 46 | 01°26'04"SE | 18.80                 | 46           | 498,159.915800 | 2,146,769.571900 |
| 46 - 47 | 07°59'19"SE | 17.73                 | 47           | 498,162.379900 | 2,146,752.014200 |
| 47 - 48 | 07°47'29"SW | 12.23                 | 48           | 498,160.721800 | 2,146,739.896300 |
| 48 - 49 | 09°58'41"SE | 67.79                 | 49           | 498,172.467300 | 2,146,673.135800 |
| 49 - 50 | 11°57'14"SE | 58.89                 | 50           | 498,184.664500 | 2,146,615.524800 |
| 50 - 51 | 10°29'41"SE | 116.88                | 51           | 498,205.953100 | 2,146,500.604900 |
| 51 - 52 | 09°42'18"SE | 125.33                | 52           | 498,227.081500 | 2,146,377.065700 |
| 52 - 53 | 06°14'30"SE | 19.43                 | 53           | 498,229.194400 | 2,146,357.747600 |
| 53 - 54 | 25°00'31"SE | 11.83                 | 54           | 498,234.195100 | 2,146,347.027900 |
| 54 - 55 | 41°20'04"SE | 8.80                  | 55           | 498,240.004600 | 2,146,340.423100 |
| 55 - 56 | 02°11'38"SE | 8.13                  | 56           | 498,240.315700 | 2,146,332.302900 |
| 56 - 57 | 15°58'35"SE | 21.55                 | 57           | 498,246.247500 | 2,146,311.584100 |
| 57 - 58 | 06°51'07"SW | 20.76                 | 58           | 498,243.770400 | 2,146,290.969600 |
| 58 - 59 | 25°43'19"SW | 7.70                  | 59           | 498,240.429900 | 2,146,284.035400 |
| 59 - 60 | 23°47'07"SE | 6.47                  | 60           | 498,243.041100 | 2,146,278.110900 |
| 60 - 61 | 46°35'35"SE | 3.16                  | 61           | 498,245.339700 | 2,146,275.936700 |
| 61 - 62 | 04°40'42"SW | 5.81                  | 62           | 498,244.866200 | 2,146,270.150700 |
| 62 - 63 | 11°54'17"SE | 10.19                 | 63           | 498,246.969000 | 2,146,260.176400 |
| 63 - 64 | 21°43'19"SE | 7.70                  | 64           | 498,249.817400 | 2,146,253.026700 |
| 64 - 65 | 10°47'58"SE | 11.18                 | 65           | 498,251.911500 | 2,146,242.048700 |
| 65 - 66 | 06°39'26"SE | 10.28                 | 66           | 498,253.103200 | 2,146,231.838600 |
| 66 - 67 | 46°10'02"SW | 10.42                 | 67           | 498,245.584400 | 2,146,224.620100 |
| 67 - 68 | 12°41'23"SE | 23.19                 | 68           | 498,250.677600 | 2,146,202.001200 |
| 68 - 69 | 08°06'59"SE | 13.47                 | 69           | 498,252.580100 | 2,146,188.661200 |
| 69 - 70 | 14°47'56"SE | 16.37                 | 70           | 498,256.762400 | 2,146,172.830800 |
| 70 - 71 | 13°58'58"SW | 9.35                  | 71           | 498,254.504000 | 2,146,163.761300 |
| 71 - 72 | 52°11'31"SW | 9.76                  | 72           | 498,246.796700 | 2,146,157.781200 |
| 72 - 73 | 03°23'07"SE | 37.53                 | 73           | 498,249.013000 | 2,146,120.316600 |
| 73 - 74 | 28°17'27"SE | 5.92                  | 74           | 498,251.821100 | 2,146,115.099400 |
| 74 - 75 | 01°38'32"SE | 12.22                 | 75           | 498,252.171400 | 2,146,102.881300 |
| 75 - 76 | 32°08'47"SW | 3.90                  | 76           | 498,250.093800 | 2,146,099.575300 |
| 76 - 77 | 00°17'31"SE | 65.05                 | 77           | 498,250.425400 | 2,146,034.522000 |
| 77 - 78 | 00°57'18"SW | 53.01                 | 78           | 498,249.541600 | 2,145,981.516700 |
| 78 - 79 | 24°36'04"SE | 4.56                  | 79           | 498,251.438900 | 2,145,977.372900 |
| 79 - 80 | 01°00'15"SW | 13.80                 | 80           | 498,251.197100 | 2,145,963.580000 |
| 80 - 81 | 06°56'31"SE | 54.51                 | 81           | 498,257.785300 | 2,145,909.472300 |
| 81 - 82 | 09°02'04"SE | 27.31                 | 82           | 498,262.074200 | 2,145,882.498800 |
| 82 - 83 | 15°30'34"SW | 16.31                 | 83           | 498,257.711700 | 2,145,866.778200 |
| 83 - 84 | 00°14'57"SE | 15.74                 | 84           | 498,257.780200 | 2,145,851.041400 |
| 84 - 85 | 12°53'44"SW | 74.34                 | 85           | 498,241.190400 | 2,145,778.580800 |
| 85 - 86 | 21°23'26"NW | 0.71                  | 86           | 498,240.931600 | 2,145,779.241500 |
| 86 - 87 | 19°23'37"SW | 4.48                  | 87           | 498,239.443100 | 2,145,775.013200 |
| 87 - 88 | 00°13'33"SE | 30.71                 | 88           | 498,239.564200 | 2,145,744.303700 |
| 88 - 89 | 07°57'39"SE | 10.61                 | 89           | 498,241.033300 | 2,145,733.798500 |
| 89 - 90 | 05°03'31"SW | 9.45                  | 90           | 498,240.199800 | 2,145,724.382900 |
| 90 - 91 | 15°23'05"SW | 17.87                 | 91           | 498,235.457800 | 2,145,707.149400 |
| 91 - 92 | 05°38'47"SW | 10.00                 | 92           | 498,234.474000 | 2,145,697.199000 |
| 92 - 93 | 05°10'55"SE | 30.87                 | 93           | 498,237.262000 | 2,145,666.457200 |
| 93 - 94 | 02°04'03"SW | 21.64                 | 94           | 498,236.481300 | 2,145,644.832400 |
| 94 - 95 | 10°19'59"SW | 10.86                 | 95           | 498,234.533300 | 2,145,634.148300 |
| 95 - 96 | 68°17'19"SW | 10.82                 | 96           | 498,224.477000 | 2,145,630.144100 |
| 96 - 97 | 54°59'47"SW | 11.81                 | 97           | 498,214.800800 | 2,145,623.367900 |
| 97 - 98 | 31°16'54"SW | 6.98                  | 98           | 498,211.175300 | 2,145,617.400700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 98 - 99   | 09°51'25"SW | 21.39                 | 99           | 498,207.512700 | 2,145,596.321800 |
| 99 - 100  | 37°41'41"SE | 10.64                 | 100          | 498,214.017800 | 2,145,587.903600 |
| 100 - 101 | 18°04'56"SW | 11.37                 | 101          | 498,210.487200 | 2,145,577.090400 |
| 101 - 102 | 38°24'30"SW | 9.75                  | 102          | 498,204.432500 | 2,145,569.453600 |
| 102 - 103 | 03°58'02"SW | 16.88                 | 103          | 498,203.264400 | 2,145,552.610900 |
| 103 - 104 | 13°56'09"SE | 18.34                 | 104          | 498,207.680300 | 2,145,534.815100 |
| 104 - 105 | 04°38'51"SE | 7.21                  | 105          | 498,208.264200 | 2,145,527.632800 |
| 105 - 106 | 24°30'04"SW | 9.36                  | 106          | 498,204.383600 | 2,145,519.118100 |
| 106 - 107 | 08°21'44"SW | 8.98                  | 107          | 498,203.077400 | 2,145,510.232100 |
| 107 - 108 | 16°12'06"SW | 15.04                 | 108          | 498,198.879700 | 2,145,495.785100 |
| 108 - 109 | 04°43'30"SE | 8.95                  | 109          | 498,199.617100 | 2,145,486.863900 |
| 109 - 110 | 24°22'55"SW | 20.20                 | 110          | 498,191.278200 | 2,145,468.465700 |
| 110 - 111 | 16°47'48"SW | 9.88                  | 111          | 498,188.423700 | 2,145,459.009300 |
| 111 - 112 | 01°12'19"SW | 9.46                  | 112          | 498,188.224700 | 2,145,449.552700 |
| 112 - 113 | 06°37'19"SW | 41.79                 | 113          | 498,183.405600 | 2,145,408.042600 |
| 113 - 114 | 11°03'05"SW | 18.96                 | 114          | 498,179.771500 | 2,145,389.435900 |
| 114 - 115 | 15°34'41"SW | 28.66                 | 115          | 498,172.075700 | 2,145,361.831900 |
| 115 - 116 | 20°08'53"SW | 10.02                 | 116          | 498,168.624700 | 2,145,352.426100 |
| 116 - 117 | 46°03'23"SW | 8.95                  | 117          | 498,162.179300 | 2,145,346.214100 |
| 117 - 118 | 09°13'17"SW | 16.86                 | 118          | 498,159.477800 | 2,145,329.574300 |
| 118 - 119 | 23°32'25"SW | 8.64                  | 119          | 498,156.026000 | 2,145,321.651000 |
| 119 - 120 | 15°54'49"SW | 11.50                 | 120          | 498,152.874000 | 2,145,310.595800 |
| 120 - 121 | 05°56'29"SW | 10.77                 | 121          | 498,151.758700 | 2,145,299.879300 |
| 121 - 122 | 19°01'51"SW | 21.65                 | 122          | 498,144.698900 | 2,145,279.412200 |
| 122 - 123 | 30°20'52"SW | 20.17                 | 123          | 498,134.509300 | 2,145,262.008200 |
| 123 - 124 | 36°56'35"SW | 29.46                 | 124          | 498,116.801900 | 2,145,238.461100 |
| 124 - 125 | 17°51'45"SW | 22.26                 | 125          | 498,109.974100 | 2,145,217.274700 |
| 125 - 126 | 25°37'41"SW | 13.07                 | 126          | 498,104.320700 | 2,145,205.490000 |
| 126 - 127 | 40°55'24"SW | 13.71                 | 127          | 498,095.338700 | 2,145,195.129500 |
| 127 - 128 | 08°12'42"SW | 15.51                 | 128          | 498,093.123500 | 2,145,179.779500 |
| 128 - 129 | 72°18'11"SE | 24.22                 | 129          | 498,116.199800 | 2,145,172.416300 |
| 129 - 130 | 23°57'44"SE | 13.79                 | 130          | 498,121.801400 | 2,145,159.812700 |
| 130 - 131 | 44°59'59"SW | 17.82                 | 131          | 498,109.197800 | 2,145,147.209000 |
| 131 - 132 | 33°41'24"SW | 25.25                 | 132          | 498,095.193800 | 2,145,126.203000 |
| 132 - 133 | 26°33'54"SW | 18.79                 | 133          | 498,086.791400 | 2,145,109.398200 |
| 133 - 134 | 21°48'05"SW | 22.62                 | 134          | 498,078.389000 | 2,145,088.392200 |
| 134 - 135 | 13°14'25"SW | 24.46                 | 135          | 498,072.787400 | 2,145,064.585400 |
| 135 - 136 | 41°11'09"SW | 14.89                 | 136          | 498,062.984600 | 2,145,053.382200 |
| 136 - 137 | 10°47'04"SW | 29.94                 | 137          | 498,057.382900 | 2,145,023.973700 |
| 137 - 138 | 36°01'38"SW | 19.05                 | 138          | 498,046.179700 | 2,145,008.569300 |
| 138 - 139 | 52°07'30"SW | 15.97                 | 139          | 498,033.576100 | 2,144,998.766500 |
| 139 - 140 | 09°27'44"SE | 17.04                 | 140          | 498,036.376900 | 2,144,981.961700 |
| 140 - 141 | 32°28'16"SW | 18.26                 | 141          | 498,026.574100 | 2,144,966.557300 |
| 141 - 142 | 05°11'39"SW | 15.47                 | 142          | 498,025.173700 | 2,144,951.152900 |
| 142 - 143 | 35°13'03"SW | 29.14                 | 143          | 498,008.368900 | 2,144,927.346100 |
| 143 - 144 | 24°46'30"SW | 20.05                 | 144          | 497,999.966500 | 2,144,909.140800 |
| 144 - 145 | 44°59'59"SW | 15.84                 | 145          | 497,988.763300 | 2,144,897.937600 |
| 145 - 146 | 68°47'41"SW | 16.44                 | 146          | 497,973.436400 | 2,144,891.991100 |
| 146 - 147 | 01°02'41"SW | 13.50                 | 147          | 497,973.190200 | 2,144,878.493500 |
| 147 - 148 | 06°50'50"SW | 9.03                  | 148          | 497,972.113500 | 2,144,869.526900 |
| 148 - 149 | 15°44'10"SW | 23.29                 | 149          | 497,965.798100 | 2,144,847.113600 |
| 149 - 150 | 22°22'59"SW | 14.43                 | 150          | 497,960.302800 | 2,144,833.769900 |
| 150 - 151 | 10°10'28"SW | 10.08                 | 151          | 497,958.521800 | 2,144,823.846300 |
| 151 - 152 | 41°50'41"SW | 8.38                  | 152          | 497,952.932900 | 2,144,817.605300 |
| 152 - 153 | 18°01'30"SW | 8.36                  | 153          | 497,950.346800 | 2,144,809.658000 |
| 153 - 154 | 26°25'03"SE | 23.39                 | 154          | 497,960.755300 | 2,144,788.706300 |

| Est-PV                                                                                                                                                                              | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|----------------|------------------|
|                                                                                                                                                                                     |             |                       |              | X              | Y                |
| 154 - 155                                                                                                                                                                           | 41°59'13"SE | 18.84                 | 155          | 497,973.358900 | 2,144,774.702300 |
| 155 - 156                                                                                                                                                                           | 21°48'05"SW | 30.17                 | 156          | 497,962.155700 | 2,144,746.694300 |
| 156 - 157                                                                                                                                                                           | 10°47'03"SW | 29.94                 | 157          | 497,956.554100 | 2,144,717.285900 |
| 157 - 158                                                                                                                                                                           | 25°33'36"SW | 35.70                 | 158          | 497,941.149600 | 2,144,685.076700 |
| 158 - 159                                                                                                                                                                           | 40°06'02"SW | 34.79                 | 159          | 497,918.743200 | 2,144,658.469000 |
| 159 - 160                                                                                                                                                                           | 32°16'32"SW | 31.47                 | 160          | 497,901.938400 | 2,144,631.861400 |
| 160 - 161                                                                                                                                                                           | 28°04'20"SW | 23.81                 | 161          | 497,890.735200 | 2,144,610.855400 |
| 161 - 162                                                                                                                                                                           | 34°30'30"SW | 27.19                 | 162          | 497,875.330800 | 2,144,588.449000 |
| 162 - 163                                                                                                                                                                           | 25°01'00"SW | 23.18                 | 163          | 497,865.528000 | 2,144,567.443000 |
| 163 - 164                                                                                                                                                                           | 40°14'10"SW | 23.85                 | 164          | 497,850.123600 | 2,144,549.237700 |
| 164 - 165                                                                                                                                                                           | 44°59'59"SW | 17.82                 | 165          | 497,837.520000 | 2,144,536.634100 |
| 165 - 166                                                                                                                                                                           | 57°59'40"SW | 13.21                 | 166          | 497,826.316800 | 2,144,529.632100 |
| 166 - 167                                                                                                                                                                           | 63°26'06"SW | 18.79                 | 167          | 497,809.511900 | 2,144,521.229700 |
| 167 - 168                                                                                                                                                                           | 28°04'20"SW | 23.81                 | 168          | 497,798.308700 | 2,144,500.223700 |
| 168 - 169                                                                                                                                                                           | 63°26'05"SW | 15.66                 | 169          | 497,784.304700 | 2,144,493.221700 |
| 169 - 170                                                                                                                                                                           | 36°01'38"SW | 19.05                 | 170          | 497,773.101500 | 2,144,477.817300 |
| 170 - 171                                                                                                                                                                           | 42°52'44"SW | 26.75                 | 171          | 497,754.896300 | 2,144,458.211700 |
| 171 - 172                                                                                                                                                                           | 74°03'16"SW | 20.39                 | 172          | 497,735.290700 | 2,144,452.610100 |
| 172 - 173                                                                                                                                                                           | 48°00'46"SW | 18.84                 | 173          | 497,721.286700 | 2,144,440.006500 |
| 173 - 174                                                                                                                                                                           | 37°34'06"SW | 22.97                 | 174          | 497,707.282700 | 2,144,421.801200 |
| 174 - 175                                                                                                                                                                           | 55°18'17"SW | 22.14                 | 175          | 497,689.077400 | 2,144,409.197600 |
| 175 - 176                                                                                                                                                                           | 90°00'00"NW | 14.00                 | 176          | 497,675.073400 | 2,144,409.197600 |
| 176 - 177                                                                                                                                                                           | 34°41'42"SW | 22.14                 | 177          | 497,662.469800 | 2,144,390.992400 |
| 177 - 178                                                                                                                                                                           | 61°41'57"SW | 20.68                 | 178          | 497,644.264600 | 2,144,381.189600 |
| 178 - 179                                                                                                                                                                           | 41°11'09"SW | 14.89                 | 179          | 497,634.461800 | 2,144,369.986400 |
| 179 - 180                                                                                                                                                                           | 61°23'22"SW | 17.55                 | 180          | 497,619.057400 | 2,144,361.584000 |
| 180 - 181                                                                                                                                                                           | 41°49'12"SW | 35.70                 | 181          | 497,595.250600 | 2,144,334.976400 |
| 181 - 182                                                                                                                                                                           | 49°45'49"SW | 23.85                 | 182          | 497,577.045300 | 2,144,319.572000 |
| 182 - 183                                                                                                                                                                           | 90°00'00"NW | 11.20                 | 183          | 497,565.842100 | 2,144,319.572000 |
| 183 - 184                                                                                                                                                                           | 56°18'34"SW | 10.10                 | 184          | 497,557.439700 | 2,144,313.970300 |
| 184 - 185                                                                                                                                                                           | 48°48'50"SW | 14.89                 | 185          | 497,546.236500 | 2,144,304.167500 |
| 185 - 186                                                                                                                                                                           | 60°56'43"NW | 14.42                 | 186          | 497,533.632900 | 2,144,311.169500 |
| 186 - 187                                                                                                                                                                           | 48°57'22"NW | 10.33                 | 187          | 497,525.842000 | 2,144,317.952500 |
| 187 - 188                                                                                                                                                                           | 72°49'27"SW | 12.57                 | 188          | 497,513.835100 | 2,144,314.241300 |
| 188 - 189                                                                                                                                                                           | 57°23'55"SW | 13.92                 | 189          | 497,502.112400 | 2,144,306.744000 |
| 189 - 190                                                                                                                                                                           | 45°51'37"SW | 11.15                 | 190          | 497,494.107400 | 2,144,298.975900 |
| 190 - 191                                                                                                                                                                           | 64°35'26"SW | 29.58                 | 191          | 497,467.384400 | 2,144,286.281500 |
| 191 - 192                                                                                                                                                                           | 86°20'49"NW | 14.13                 | 192          | 497,453.283600 | 2,144,287.181700 |
| 192 - 193                                                                                                                                                                           | 44°05'16"SW | 15.35                 | 193          | 497,442.606800 | 2,144,276.159500 |
| 193 - 194                                                                                                                                                                           | 80°32'15"SW | 17.04                 | 194          | 497,425.802000 | 2,144,273.358700 |
| 194 - 195                                                                                                                                                                           | 65°33'21"NW | 16.92                 | 195          | 497,410.397600 | 2,144,280.360700 |
| 195 - 196                                                                                                                                                                           | 30°09'39"NW | 4.98                  | 196          | 497,407.893700 | 2,144,284.669600 |
| 196 - 197                                                                                                                                                                           | 62°45'15"SW | 7.48                  | 197          | 497,401.247300 | 2,144,281.247100 |
| 197 - 198                                                                                                                                                                           | 27°14'45"NW | 20.00                 | 198          | 497,392.091100 | 2,144,299.028100 |
| 198 - 199                                                                                                                                                                           | 62°45'18"NE | 2.97                  | 199          | 497,394.731900 | 2,144,300.387900 |
| 199 - 200                                                                                                                                                                           | 44°10'23"NW | 17.95                 | 200          | 497,382.221800 | 2,144,313.264400 |
| 200 - 201                                                                                                                                                                           | 19°39'13"NW | 15.52                 | 201          | 497,377.002200 | 2,144,327.879400 |
| 201 - 202                                                                                                                                                                           | 38°30'37"NW | 31.24                 | 202          | 497,357.551300 | 2,144,352.323400 |
| A partir de este vértice 202 se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 3,160.60 metros hasta llegar al vértice 203. |             |                       |              |                |                  |
|                                                                                                                                                                                     |             |                       | 203          | 497,769.586900 | 2,147,485.949500 |
| 203 - 204                                                                                                                                                                           | 23°41'35"NE | 36.63                 | 204          | 497,784.304700 | 2,147,519.488600 |
| 204 - 205                                                                                                                                                                           | 19°52'16"NE | 31.26                 | 205          | 497,794.929700 | 2,147,548.886000 |
| 205 - 206                                                                                                                                                                           | 42°16'25"NE | 27.70                 | 206          | 497,813.559700 | 2,147,569.379000 |
| 206 - 207                                                                                                                                                                           | 22°14'56"NE | 22.14                 | 207          | 497,821.943200 | 2,147,589.871900 |
| 207 - 1                                                                                                                                                                             | 26°33'53"NE | 20.83                 | 1            |                |                  |

**Zona Núcleo**  
**“Playa Teopa”**  
**(Superficie 26-48-27.47 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|--------------|----------------|------------------|
|         |             |                       |              | X              | Y                |
|         |             |                       | 1            | 497,831.258100 | 2,147,608.502000 |
| 1 - 2   | 83°17'24"SE | 15.94                 | 2            | 497,847.093600 | 2,147,606.639000 |
| 2 - 3   | 88°48'27"SE | 15.64                 | 3            | 497,862.727200 | 2,147,606.313600 |
| 3 - 4   | 30°57'49"SE | 16.33                 | 4            | 497,871.129600 | 2,147,592.309600 |
| 4 - 5   | 39°48'19"SE | 21.88                 | 5            | 497,885.133600 | 2,147,575.504700 |
| 5 - 6   | 28°17'13"SE | 25.28                 | 6            | 497,897.112000 | 2,147,553.246400 |
| 6 - 7   | 50°51'16"SE | 15.06                 | 7            | 497,908.794300 | 2,147,543.737100 |
| 7 - 8   | 41°07'57"SE | 51.66                 | 8            | 497,942.777800 | 2,147,504.825800 |
| 8 - 9   | 32°47'03"SE | 17.28                 | 9            | 497,952.134000 | 2,147,490.299100 |
| 9 - 10  | 45°00'00"SE | 39.92                 | 10           | 497,980.360900 | 2,147,462.072300 |
| 10 - 11 | 31°22'22"SE | 67.25                 | 11           | 498,015.370900 | 2,147,404.655800 |
| 11 - 12 | 24°26'38"SE | 16.92                 | 12           | 498,022.372900 | 2,147,389.251400 |
| 12 - 13 | 11°04'12"SE | 65.64                 | 13           | 498,034.976500 | 2,147,324.832900 |
| 13 - 14 | 06°42'35"SE | 23.97                 | 14           | 498,037.777300 | 2,147,301.026100 |
| 14 - 15 | 11°18'35"SE | 14.28                 | 15           | 498,040.578100 | 2,147,287.022100 |
| 15 - 16 | 13°37'37"SE | 47.55                 | 16           | 498,051.781300 | 2,147,240.808900 |
| 16 - 17 | 16°55'39"SE | 33.67                 | 17           | 498,061.584200 | 2,147,208.599600 |
| 17 - 18 | 06°00'32"SE | 26.75                 | 18           | 498,064.385000 | 2,147,181.992000 |
| 18 - 19 | 13°14'25"SE | 24.46                 | 19           | 498,069.986600 | 2,147,158.185200 |
| 19 - 20 | 32°28'16"SE | 18.26                 | 20           | 498,079.789400 | 2,147,142.780800 |
| 20 - 21 | 26°33'54"SE | 15.66                 | 21           | 498,086.791400 | 2,147,128.776800 |
| 21 - 22 | 14°55'53"SE | 21.74                 | 22           | 498,092.393000 | 2,147,107.770800 |
| 22 - 23 | 08°44'46"SE | 18.42                 | 23           | 498,095.193800 | 2,147,089.565500 |
| 23 - 24 | 00°00'00"SE | 7.00                  | 24           | 498,095.193800 | 2,147,082.563500 |
| 24 - 25 | 28°18'02"SE | 20.68                 | 25           | 498,104.996600 | 2,147,064.358300 |
| 25 - 26 | 00°00'00"SE | 7.00                  | 26           | 498,104.996600 | 2,147,057.356300 |
| 26 - 27 | 83°37'13"NW | 9.47                  | 27           | 498,095.586500 | 2,147,058.408400 |
| 27 - 28 | 17°06'02"SE | 48.60                 | 28           | 498,109.877900 | 2,147,011.955800 |
| 28 - 29 | 81°52'03"SE | 4.02                  | 29           | 498,113.853500 | 2,147,011.387700 |
| 29 - 30 | 57°54'50"SE | 20.45                 | 30           | 498,131.175800 | 2,147,000.527300 |
| 30 - 31 | 26°43'56"SE | 21.45                 | 31           | 498,140.825300 | 2,146,981.368300 |
| 31 - 32 | 19°01'17"SE | 23.72                 | 32           | 498,148.555800 | 2,146,958.944700 |
| 32 - 33 | 26°39'10"SE | 20.96                 | 33           | 498,157.958300 | 2,146,940.211600 |
| 33 - 34 | 35°38'45"SE | 21.33                 | 34           | 498,170.387300 | 2,146,922.880300 |
| 34 - 35 | 44°59'00"SE | 14.72                 | 35           | 498,180.793100 | 2,146,912.468500 |
| 35 - 36 | 54°03'55"SW | 7.30                  | 36           | 498,174.881700 | 2,146,908.183900 |
| 36 - 37 | 66°18'43"SW | 12.52                 | 37           | 498,163.413300 | 2,146,903.152500 |
| 37 - 38 | 29°56'05"SW | 15.21                 | 38           | 498,155.825300 | 2,146,889.975100 |
| 38 - 39 | 12°45'08"SW | 17.24                 | 39           | 498,152.019200 | 2,146,873.157600 |
| 39 - 40 | 08°06'31"SE | 19.27                 | 40           | 498,154.736900 | 2,146,854.082600 |
| 40 - 41 | 25°42'20"SE | 16.76                 | 41           | 498,162.008200 | 2,146,838.977800 |
| 41 - 42 | 07°20'45"SW | 16.74                 | 42           | 498,159.868000 | 2,146,822.376400 |
| 42 - 43 | 17°06'41"SW | 18.52                 | 43           | 498,154.418000 | 2,146,804.673500 |
| 43 - 44 | 17°08'06"SE | 17.06                 | 44           | 498,159.445100 | 2,146,788.368200 |
| 44 - 45 | 01°26'04"SE | 18.80                 | 45           | 498,159.915800 | 2,146,769.572000 |
| 45 - 46 | 07°59'19"SE | 17.73                 | 46           | 498,162.379900 | 2,146,752.014300 |
| 46 - 47 | 07°47'28"SW | 12.23                 | 47           | 498,160.721800 | 2,146,739.896300 |
| 47 - 48 | 08°16'17"SE | 6.64                  | 48           | 498,161.677400 | 2,146,733.323100 |
| 48 - 49 | 10°09'48"SE | 61.15                 | 49           | 498,172.467300 | 2,146,673.135800 |
| 49 - 50 | 11°57'14"SE | 58.89                 | 50           | 498,184.664500 | 2,146,615.524800 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|--------------|----------------|------------------|
|           |             |                       |              | X              | Y                |
| 50 - 51   | 10°29'41"SE | 116.88                | 51           | 498,205.953100 | 2,146,500.604900 |
| 51 - 52   | 09°42'18"SE | 125.33                | 52           | 498,227.081500 | 2,146,377.065700 |
| 52 - 53   | 06°14'30"SE | 19.43                 | 53           | 498,229.194400 | 2,146,357.747700 |
| 53 - 54   | 25°00'31"SE | 11.83                 | 54           | 498,234.195100 | 2,146,347.028000 |
| 54 - 55   | 41°20'04"SE | 8.80                  | 55           | 498,240.004600 | 2,146,340.423200 |
| 55 - 56   | 02°11'38"SE | 8.13                  | 56           | 498,240.315700 | 2,146,332.303000 |
| 56 - 57   | 15°58'35"SE | 21.55                 | 57           | 498,246.247500 | 2,146,311.584200 |
| 57 - 58   | 06°51'07"SW | 20.76                 | 58           | 498,243.770400 | 2,146,290.969700 |
| 58 - 59   | 25°43'19"SW | 7.70                  | 59           | 498,240.429900 | 2,146,284.035500 |
| 59 - 60   | 23°47'07"SE | 6.47                  | 60           | 498,243.041100 | 2,146,278.111000 |
| 60 - 61   | 46°35'35"SE | 3.16                  | 61           | 498,245.339700 | 2,146,275.936800 |
| 61 - 62   | 04°40'42"SW | 5.81                  | 62           | 498,244.866200 | 2,146,270.150800 |
| 62 - 63   | 11°54'17"SE | 10.19                 | 63           | 498,246.969000 | 2,146,260.176500 |
| 63 - 64   | 21°43'19"SE | 7.70                  | 64           | 498,249.817400 | 2,146,253.026800 |
| 64 - 65   | 10°47'58"SE | 11.18                 | 65           | 498,251.911500 | 2,146,242.048800 |
| 65 - 66   | 06°39'26"SE | 10.28                 | 66           | 498,253.103200 | 2,146,231.838600 |
| 66 - 67   | 46°10'03"SW | 10.42                 | 67           | 498,245.584400 | 2,146,224.620200 |
| 67 - 68   | 12°41'23"SE | 23.19                 | 68           | 498,250.677600 | 2,146,202.001300 |
| 68 - 69   | 08°06'59"SE | 13.47                 | 69           | 498,252.580100 | 2,146,188.661300 |
| 69 - 70   | 14°47'56"SE | 16.37                 | 70           | 498,256.762400 | 2,146,172.830900 |
| 70 - 71   | 13°58'58"SW | 9.35                  | 71           | 498,254.504000 | 2,146,163.761400 |
| 71 - 72   | 52°11'31"SW | 9.76                  | 72           | 498,246.796700 | 2,146,157.781300 |
| 72 - 73   | 03°23'07"SE | 37.53                 | 73           | 498,249.013000 | 2,146,120.316700 |
| 73 - 74   | 28°17'27"SE | 5.92                  | 74           | 498,251.821100 | 2,146,115.099500 |
| 74 - 75   | 01°38'32"SE | 12.22                 | 75           | 498,252.171400 | 2,146,102.881300 |
| 75 - 76   | 32°08'47"SW | 3.90                  | 76           | 498,250.093800 | 2,146,099.575300 |
| 76 - 77   | 00°17'31"SE | 65.05                 | 77           | 498,250.425400 | 2,146,034.522000 |
| 77 - 78   | 00°57'18"SW | 53.01                 | 78           | 498,249.541600 | 2,145,981.516800 |
| 78 - 79   | 24°36'04"SE | 4.56                  | 79           | 498,251.438900 | 2,145,977.373000 |
| 79 - 80   | 01°00'14"SW | 13.80                 | 80           | 498,251.197200 | 2,145,963.580100 |
| 80 - 81   | 06°56'31"SE | 54.51                 | 81           | 498,257.785400 | 2,145,909.472400 |
| 81 - 82   | 09°02'03"SE | 27.31                 | 82           | 498,262.074200 | 2,145,882.498800 |
| 82 - 83   | 15°30'34"SW | 16.31                 | 83           | 498,257.711700 | 2,145,866.778300 |
| 83 - 84   | 00°14'57"SE | 15.74                 | 84           | 498,257.780200 | 2,145,851.041400 |
| 84 - 85   | 12°53'44"SW | 74.34                 | 85           | 498,241.190400 | 2,145,778.580800 |
| 85 - 86   | 21°23'15"NW | 0.71                  | 86           | 498,240.931600 | 2,145,779.241600 |
| 86 - 87   | 19°23'35"SW | 4.48                  | 87           | 498,239.443100 | 2,145,775.013200 |
| 87 - 88   | 00°13'33"SE | 30.71                 | 88           | 498,239.564200 | 2,145,744.303800 |
| 88 - 89   | 07°57'39"SE | 10.61                 | 89           | 498,241.033300 | 2,145,733.798600 |
| 89 - 90   | 05°03'31"SW | 9.45                  | 90           | 498,240.199800 | 2,145,724.383000 |
| 90 - 91   | 15°23'05"SW | 17.87                 | 91           | 498,235.457800 | 2,145,707.149500 |
| 91 - 92   | 05°38'47"SW | 10.00                 | 92           | 498,234.474000 | 2,145,697.199000 |
| 92 - 93   | 05°10'55"SE | 30.87                 | 93           | 498,237.262000 | 2,145,666.457300 |
| 93 - 94   | 02°04'03"SW | 21.64                 | 94           | 498,236.481300 | 2,145,644.832500 |
| 94 - 95   | 10°19'58"SW | 10.86                 | 95           | 498,234.533300 | 2,145,634.148300 |
| 95 - 96   | 68°17'19"SW | 10.82                 | 96           | 498,224.477000 | 2,145,630.144100 |
| 96 - 97   | 54°59'49"SW | 11.81                 | 97           | 498,214.800800 | 2,145,623.368000 |
| 97 - 98   | 31°16'54"SW | 6.98                  | 98           | 498,211.175300 | 2,145,617.400800 |
| 98 - 99   | 09°51'25"SW | 21.39                 | 99           | 498,207.512700 | 2,145,596.321900 |
| 99 - 100  | 37°41'41"SE | 10.64                 | 100          | 498,214.017800 | 2,145,587.903700 |
| 100 - 101 | 18°04'56"SW | 11.37                 | 101          | 498,210.487200 | 2,145,577.090500 |
| 101 - 102 | 38°24'30"SW | 9.75                  | 102          | 498,204.432500 | 2,145,569.453700 |
| 102 - 103 | 03°58'02"SW | 16.88                 | 103          | 498,203.264400 | 2,145,552.611000 |
| 103 - 104 | 13°56'09"SE | 18.34                 | 104          | 498,207.680300 | 2,145,534.815200 |
| 104 - 105 | 04°38'51"SE | 7.21                  | 105          | 498,208.264200 | 2,145,527.632900 |
| 105 - 106 | 24°30'03"SW | 9.36                  | 106          | 498,204.383600 | 2,145,519.118100 |

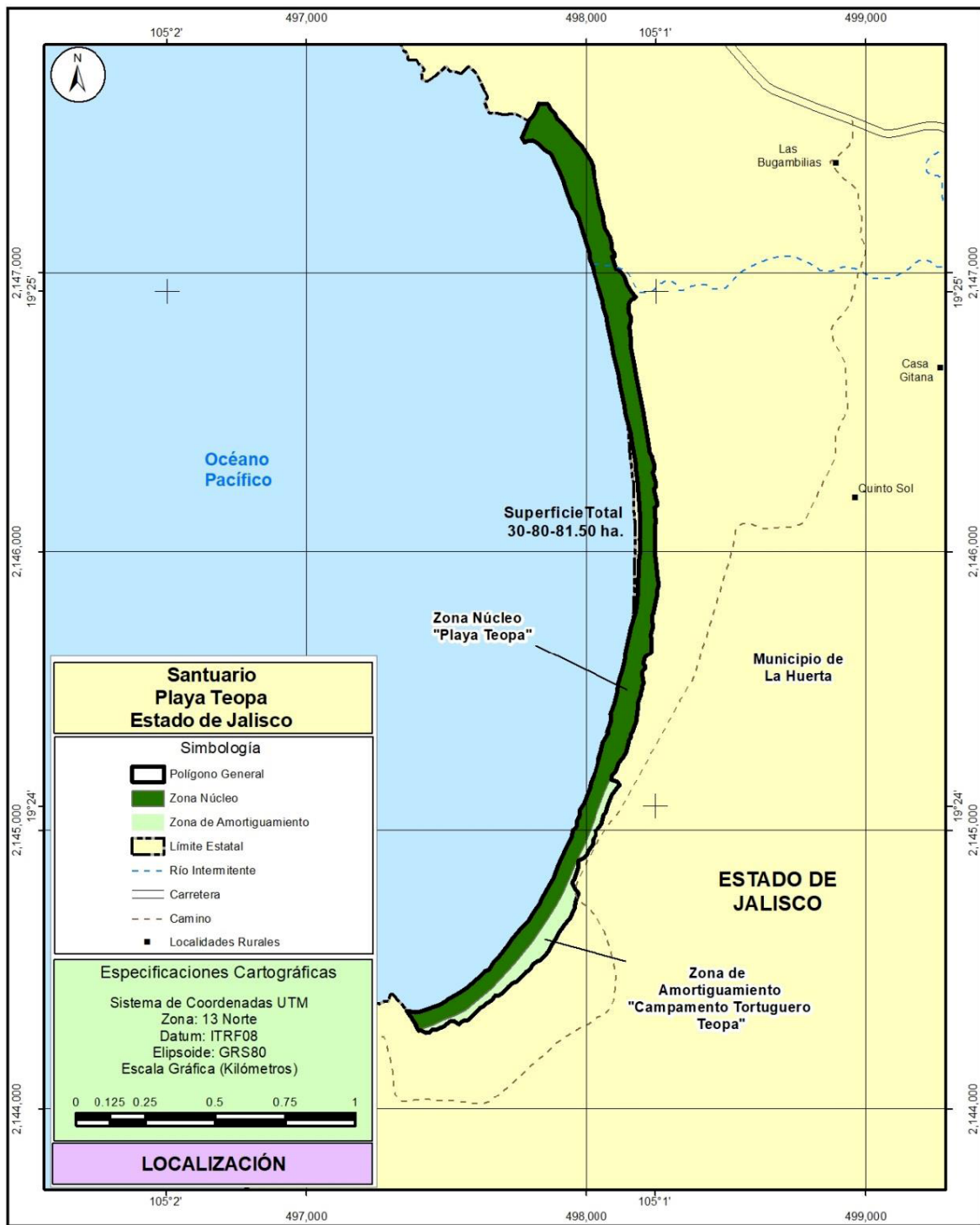
| Est-PV                                                                                                                                                                              | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas    |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|----------------|------------------|
|                                                                                                                                                                                     |             |                       |              | X              | Y                |
| 106 - 107                                                                                                                                                                           | 08°21'44"SW | 8.98                  | 107          | 498,203.077400 | 2,145,510.232200 |
| 107 - 108                                                                                                                                                                           | 16°12'05"SW | 15.04                 | 108          | 498,198.879700 | 2,145,495.785100 |
| 108 - 109                                                                                                                                                                           | 04°43'30"SE | 8.95                  | 109          | 498,199.617100 | 2,145,486.864000 |
| 109 - 110                                                                                                                                                                           | 24°22'55"SW | 20.20                 | 110          | 498,191.278200 | 2,145,468.465800 |
| 110 - 111                                                                                                                                                                           | 16°47'48"SW | 9.88                  | 111          | 498,188.423700 | 2,145,459.009400 |
| 111 - 112                                                                                                                                                                           | 01°12'19"SW | 9.46                  | 112          | 498,188.224700 | 2,145,449.552800 |
| 112 - 113                                                                                                                                                                           | 06°05'06"SW | 32.01                 | 113          | 498,184.831100 | 2,145,417.719500 |
| 113 - 114                                                                                                                                                                           | 10°08'32"SW | 28.73                 | 114          | 498,179.771500 | 2,145,389.436000 |
| 114 - 115                                                                                                                                                                           | 15°34'41"SW | 28.66                 | 115          | 498,172.075700 | 2,145,361.832000 |
| 115 - 116                                                                                                                                                                           | 20°08'52"SW | 10.02                 | 116          | 498,168.624700 | 2,145,352.426100 |
| 116 - 117                                                                                                                                                                           | 46°03'23"SW | 8.95                  | 117          | 498,162.179300 | 2,145,346.214100 |
| 117 - 118                                                                                                                                                                           | 09°13'17"SW | 16.86                 | 118          | 498,159.477800 | 2,145,329.574400 |
| 118 - 119                                                                                                                                                                           | 23°32'24"SW | 8.64                  | 119          | 498,156.026000 | 2,145,321.651000 |
| 119 - 120                                                                                                                                                                           | 15°54'49"SW | 11.50                 | 120          | 498,152.874000 | 2,145,310.595900 |
| 120 - 121                                                                                                                                                                           | 05°56'29"SW | 10.77                 | 121          | 498,151.758700 | 2,145,299.879400 |
| 121 - 122                                                                                                                                                                           | 19°01'51"SW | 21.65                 | 122          | 498,144.698900 | 2,145,279.412300 |
| 122 - 123                                                                                                                                                                           | 30°20'52"SW | 20.17                 | 123          | 498,134.509300 | 2,145,262.008300 |
| 123 - 124                                                                                                                                                                           | 36°56'35"SW | 29.46                 | 124          | 498,116.801900 | 2,145,238.461200 |
| 124 - 125                                                                                                                                                                           | 17°51'45"SW | 22.26                 | 125          | 498,109.974100 | 2,145,217.274800 |
| 125 - 126                                                                                                                                                                           | 25°37'41"SW | 13.07                 | 126          | 498,104.320700 | 2,145,205.490100 |
| 126 - 127                                                                                                                                                                           | 40°55'24"SW | 13.71                 | 127          | 498,095.338700 | 2,145,195.129600 |
| 127 - 128                                                                                                                                                                           | 80°42'36"NW | 2.26                  | 128          | 498,093.107900 | 2,145,195.494500 |
| 128 - 129                                                                                                                                                                           | 21°24'37"SW | 16.91                 | 129          | 498,086.933300 | 2,145,179.747100 |
| 129 - 130                                                                                                                                                                           | 24°19'13"SW | 48.18                 | 130          | 498,067.090700 | 2,145,135.842600 |
| 130 - 131                                                                                                                                                                           | 20°19'29"SW | 144.25                | 131          | 498,016.987700 | 2,145,000.577500 |
| 131 - 132                                                                                                                                                                           | 21°35'40"SW | 54.68                 | 132          | 497,996.861900 | 2,144,949.731500 |
| 132 - 133                                                                                                                                                                           | 26°40'47"SW | 45.65                 | 133          | 497,976.364100 | 2,144,908.940300 |
| 133 - 134                                                                                                                                                                           | 23°51'46"SW | 151.49                | 134          | 497,915.080000 | 2,144,770.403700 |
| 134 - 135                                                                                                                                                                           | 29°39'02"SW | 48.44                 | 135          | 497,891.114000 | 2,144,728.302600 |
| 135 - 136                                                                                                                                                                           | 31°10'52"SW | 47.51                 | 136          | 497,866.515700 | 2,144,687.656000 |
| 136 - 137                                                                                                                                                                           | 33°28'25"SW | 100.40                | 137          | 497,811.141800 | 2,144,603.911500 |
| 137 - 138                                                                                                                                                                           | 38°58'48"SW | 85.98                 | 138          | 497,757.057000 | 2,144,537.074700 |
| 138 - 139                                                                                                                                                                           | 40°00'14"SW | 50.11                 | 139          | 497,724.841100 | 2,144,498.686600 |
| 139 - 140                                                                                                                                                                           | 44°49'20"SW | 47.01                 | 140          | 497,691.705900 | 2,144,465.345400 |
| 140 - 141                                                                                                                                                                           | 42°36'14"SW | 41.09                 | 141          | 497,663.890000 | 2,144,435.100100 |
| 141 - 142                                                                                                                                                                           | 50°28'18"SW | 41.50                 | 142          | 497,631.878100 | 2,144,408.685000 |
| 142 - 143                                                                                                                                                                           | 48°17'45"SW | 39.22                 | 143          | 497,602.600300 | 2,144,382.595800 |
| 143 - 144                                                                                                                                                                           | 50°58'36"SW | 43.61                 | 144          | 497,568.721800 | 2,144,355.138900 |
| 144 - 145                                                                                                                                                                           | 64°06'43"SW | 44.03                 | 145          | 497,529.113800 | 2,144,335.916600 |
| 145 - 146                                                                                                                                                                           | 69°27'16"SW | 43.96                 | 146          | 497,487.954200 | 2,144,320.490400 |
| 146 - 147                                                                                                                                                                           | 64°18'07"SW | 40.40                 | 147          | 497,451.550600 | 2,144,302.972100 |
| 147 - 148                                                                                                                                                                           | 69°26'43"SW | 31.88                 | 148          | 497,421.699100 | 2,144,291.778700 |
| 148 - 149                                                                                                                                                                           | 62°45'14"SW | 23.00                 | 149          | 497,401.247300 | 2,144,281.247100 |
| 149 - 150                                                                                                                                                                           | 27°14'45"NW | 20.00                 | 150          | 497,392.091100 | 2,144,299.028100 |
| 150 - 151                                                                                                                                                                           | 62°45'12"NE | 2.97                  | 151          | 497,394.731900 | 2,144,300.388000 |
| 151 - 152                                                                                                                                                                           | 44°10'24"NW | 17.95                 | 152          | 497,382.221800 | 2,144,313.264400 |
| 152 - 153                                                                                                                                                                           | 19°39'12"NW | 15.52                 | 153          | 497,377.002200 | 2,144,327.879500 |
| 153 - 154                                                                                                                                                                           | 38°30'37"NW | 31.24                 | 154          | 497,357.551300 | 2,144,352.323500 |
| A partir de este vértice 154 se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 3,160.60 metros hasta llegar al vértice 155. |             |                       |              |                |                  |
|                                                                                                                                                                                     |             |                       | 155          | 497,769.586900 | 2,147,485.949500 |
| 155 - 156                                                                                                                                                                           | 23°41'34"NE | 36.63                 | 156          | 497,784.304700 | 2,147,519.488700 |
| 156 - 157                                                                                                                                                                           | 19°52'16"NE | 31.26                 | 157          | 497,794.929700 | 2,147,548.886100 |
| 157 - 158                                                                                                                                                                           | 42°16'25"NE | 27.70                 | 158          | 497,813.559700 | 2,147,569.379100 |
| 158 - 159                                                                                                                                                                           | 22°14'56"NE | 22.14                 | 159          | 497,821.943200 | 2,147,589.872000 |
| 159 - 1                                                                                                                                                                             | 26°33'53"NE | 20.83                 | 1            |                |                  |

**Zona de Amortiguamiento**  
**“Campamento Tortuguero Teopa”**  
**(Superficie 4-32-54.03 hectáreas)**

| Est-PV  | Rumbo       | Distancia(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-------------------|-----------------|-----------------|------------------|
|         |             |                   |                 | X               | Y                |
|         |             |                   | 1               | 498,095.338701  | 2,145,195.129550 |
| 1 - 2   | 08°12'42"SW | 15.51             | 2               | 498,093.123503  | 2,145,179.779500 |
| 2 - 3   | 72°18'11"SE | 24.22             | 3               | 498,116.199800  | 2,145,172.416300 |
| 3 - 4   | 23°57'44"SE | 13.79             | 4               | 498,121.801401  | 2,145,159.812700 |
| 4 - 5   | 44°59'59"SW | 17.82             | 5               | 498,109.197802  | 2,145,147.209000 |
| 5 - 6   | 33°41'24"SW | 25.25             | 6               | 498,095.193800  | 2,145,126.203000 |
| 6 - 7   | 26°33'54"SW | 18.79             | 7               | 498,086.791403  | 2,145,109.398200 |
| 7 - 8   | 21°48'05"SW | 22.62             | 8               | 498,078.389002  | 2,145,088.392200 |
| 8 - 9   | 13°14'25"SW | 24.46             | 9               | 498,072.787401  | 2,145,064.585400 |
| 9 - 10  | 41°11'09"SW | 14.89             | 10              | 498,062.984602  | 2,145,053.382200 |
| 10 - 11 | 10°47'04"SW | 29.94             | 11              | 498,057.382902  | 2,145,023.973700 |
| 11 - 12 | 36°01'38"SW | 19.05             | 12              | 498,046.179701  | 2,145,008.569300 |
| 12 - 13 | 52°07'30"SW | 15.97             | 13              | 498,033.576101  | 2,144,998.766500 |
| 13 - 14 | 09°27'44"SE | 17.04             | 14              | 498,036.376902  | 2,144,981.961700 |
| 14 - 15 | 32°28'16"SW | 18.26             | 15              | 498,026.574102  | 2,144,966.557300 |
| 15 - 16 | 05°11'39"SW | 15.47             | 16              | 498,025.173700  | 2,144,951.152900 |
| 16 - 17 | 35°13'03"SW | 29.14             | 17              | 498,008.368902  | 2,144,927.346100 |
| 17 - 18 | 24°46'30"SW | 20.05             | 18              | 497,999.966501  | 2,144,909.140800 |
| 18 - 19 | 45°00'00"SW | 15.84             | 19              | 497,988.763300  | 2,144,897.937600 |
| 19 - 20 | 68°47'41"SW | 16.44             | 20              | 497,973.436399  | 2,144,891.991100 |
| 20 - 21 | 01°02'41"SW | 13.50             | 21              | 497,973.190203  | 2,144,878.493500 |
| 21 - 22 | 06°50'50"SW | 9.03              | 22              | 497,972.113501  | 2,144,869.526900 |
| 22 - 23 | 15°44'10"SW | 23.29             | 23              | 497,965.798101  | 2,144,847.113600 |
| 23 - 24 | 22°22'59"SW | 14.43             | 24              | 497,960.302801  | 2,144,833.769900 |
| 24 - 25 | 10°10'28"SW | 10.08             | 25              | 497,958.521799  | 2,144,823.846300 |
| 25 - 26 | 41°50'41"SW | 8.38              | 26              | 497,952.932901  | 2,144,817.605300 |
| 26 - 27 | 18°01'30"SW | 8.36              | 27              | 497,950.346800  | 2,144,809.658000 |
| 27 - 28 | 26°25'03"SE | 23.39             | 28              | 497,960.755301  | 2,144,788.706300 |
| 28 - 29 | 41°59'13"SE | 18.84             | 29              | 497,973.358900  | 2,144,774.702300 |
| 29 - 30 | 21°48'05"SW | 30.17             | 30              | 497,962.155703  | 2,144,746.694300 |
| 30 - 31 | 10°47'03"SW | 29.94             | 31              | 497,956.554102  | 2,144,717.285900 |
| 31 - 32 | 25°33'36"SW | 35.70             | 32              | 497,941.149599  | 2,144,685.076700 |
| 32 - 33 | 40°06'02"SW | 34.79             | 33              | 497,918.743200  | 2,144,658.469000 |
| 33 - 34 | 32°16'32"SW | 31.47             | 34              | 497,901.938402  | 2,144,631.861400 |
| 34 - 35 | 28°04'20"SW | 23.81             | 35              | 497,890.735201  | 2,144,610.855400 |
| 35 - 36 | 34°30'30"SW | 27.19             | 36              | 497,875.330801  | 2,144,588.449000 |
| 36 - 37 | 25°01'00"SW | 23.18             | 37              | 497,865.528002  | 2,144,567.443000 |
| 37 - 38 | 40°14'10"SW | 23.85             | 38              | 497,850.123602  | 2,144,549.237700 |
| 38 - 39 | 45°00'00"SW | 17.82             | 39              | 497,837.520002  | 2,144,536.634100 |
| 39 - 40 | 57°59'40"SW | 13.21             | 40              | 497,826.316801  | 2,144,529.632100 |
| 40 - 41 | 63°26'06"SW | 18.79             | 41              | 497,809.511900  | 2,144,521.229700 |
| 41 - 42 | 28°04'20"SW | 23.81             | 42              | 497,798.308702  | 2,144,500.223700 |
| 42 - 43 | 63°26'05"SW | 15.66             | 43              | 497,784.304701  | 2,144,493.221700 |
| 43 - 44 | 36°01'38"SW | 19.05             | 44              | 497,773.101500  | 2,144,477.817300 |
| 44 - 45 | 42°52'44"SW | 26.75             | 45              | 497,754.896299  | 2,144,458.211700 |
| 45 - 46 | 74°03'16"SW | 20.39             | 46              | 497,735.290701  | 2,144,452.610100 |

|         |             |        |    |                |                  |
|---------|-------------|--------|----|----------------|------------------|
| 46 - 47 | 48°00'46"SW | 18.84  | 47 | 497,721.286699 | 2,144,440.006500 |
| 47 - 48 | 37°34'06"SW | 22.97  | 48 | 497,707.282701 | 2,144,421.801200 |
| 48 - 49 | 55°18'17"SW | 22.14  | 49 | 497,689.077402 | 2,144,409.197600 |
| 49 - 50 | 90°00'00"NW | 14.00  | 50 | 497,675.073400 | 2,144,409.197600 |
| 50 - 51 | 34°41'42"SW | 22.14  | 51 | 497,662.469801 | 2,144,390.992400 |
| 51 - 52 | 61°41'57"SW | 20.68  | 52 | 497,644.264601 | 2,144,381.189600 |
| 52 - 53 | 41°11'09"SW | 14.89  | 53 | 497,634.461802 | 2,144,369.986400 |
| 53 - 54 | 61°23'22"SW | 17.55  | 54 | 497,619.057402 | 2,144,361.584000 |
| 54 - 55 | 41°49'12"SW | 35.70  | 55 | 497,595.250601 | 2,144,334.976400 |
| 55 - 56 | 49°45'49"SW | 23.85  | 56 | 497,577.045301 | 2,144,319.572000 |
| 56 - 57 | 90°00'00"NW | 11.20  | 57 | 497,565.842100 | 2,144,319.572000 |
| 57 - 58 | 56°18'34"SW | 10.10  | 58 | 497,557.439699 | 2,144,313.970300 |
| 58 - 59 | 48°48'50"SW | 14.89  | 59 | 497,546.236502 | 2,144,304.167500 |
| 59 - 60 | 60°56'43"NW | 14.42  | 60 | 497,533.632902 | 2,144,311.169500 |
| 60 - 61 | 48°57'22"NW | 10.33  | 61 | 497,525.842001 | 2,144,317.952500 |
| 61 - 62 | 72°49'27"SW | 12.57  | 62 | 497,513.835100 | 2,144,314.241300 |
| 62 - 63 | 57°23'55"SW | 13.92  | 63 | 497,502.112402 | 2,144,306.744000 |
| 63 - 64 | 45°51'37"SW | 11.15  | 64 | 497,494.107401 | 2,144,298.975900 |
| 64 - 65 | 64°35'26"SW | 29.58  | 65 | 497,467.384401 | 2,144,286.281500 |
| 65 - 66 | 86°20'49"NW | 14.13  | 66 | 497,453.283602 | 2,144,287.181700 |
| 66 - 67 | 44°05'16"SW | 15.35  | 67 | 497,442.606802 | 2,144,276.159500 |
| 67 - 68 | 80°32'15"SW | 17.04  | 68 | 497,425.802000 | 2,144,273.358700 |
| 68 - 69 | 65°33'21"NW | 16.92  | 69 | 497,410.397600 | 2,144,280.360700 |
| 69 - 70 | 30°09'39"NW | 4.98   | 70 | 497,407.893689 | 2,144,284.669620 |
| 70 - 71 | 62°45'13"NE | 15.53  | 71 | 497,421.699102 | 2,144,291.778700 |
| 71 - 72 | 69°26'43"NE | 31.88  | 72 | 497,451.550600 | 2,144,302.972100 |
| 72 - 73 | 64°18'07"NE | 40.40  | 73 | 497,487.954203 | 2,144,320.490400 |
| 73 - 74 | 69°27'16"NE | 43.96  | 74 | 497,529.113802 | 2,144,335.916600 |
| 74 - 75 | 64°06'43"NE | 44.03  | 75 | 497,568.721800 | 2,144,355.138900 |
| 75 - 76 | 50°58'36"NE | 43.61  | 76 | 497,602.600302 | 2,144,382.595800 |
| 76 - 77 | 48°17'45"NE | 39.22  | 77 | 497,631.878099 | 2,144,408.685000 |
| 77 - 78 | 50°28'18"NE | 41.50  | 78 | 497,663.890001 | 2,144,435.100100 |
| 78 - 79 | 42°36'14"NE | 41.09  | 79 | 497,691.705900 | 2,144,465.345400 |
| 79 - 80 | 44°49'20"NE | 47.01  | 80 | 497,724.841101 | 2,144,498.686600 |
| 80 - 81 | 40°00'14"NE | 50.11  | 81 | 497,757.057001 | 2,144,537.074700 |
| 81 - 82 | 38°58'48"NE | 85.98  | 82 | 497,811.141802 | 2,144,603.911500 |
| 82 - 83 | 33°28'25"NE | 100.40 | 83 | 497,866.515699 | 2,144,687.656000 |
| 83 - 84 | 31°10'52"NE | 47.51  | 84 | 497,891.114000 | 2,144,728.302600 |
| 84 - 85 | 29°39'02"NE | 48.44  | 85 | 497,915.080000 | 2,144,770.403700 |
| 85 - 86 | 23°51'46"NE | 151.49 | 86 | 497,976.364100 | 2,144,908.940300 |
| 86 - 87 | 26°40'47"NE | 45.65  | 87 | 497,996.861902 | 2,144,949.731500 |
| 87 - 88 | 21°35'40"NE | 54.68  | 88 | 498,016.987700 | 2,145,000.577500 |
| 88 - 89 | 20°19'29"NE | 144.25 | 89 | 498,067.090700 | 2,145,135.842600 |
| 89 - 90 | 24°19'13"NE | 48.18  | 90 | 498,086.933302 | 2,145,179.747100 |
| 90 - 91 | 21°24'37"NE | 16.91  | 91 | 498,093.107901 | 2,145,195.494500 |
| 91 - 1  | 80°42'32"SE | 2.26   |    |                |                  |

| Polígono general | Superficie (ha)  | Zonificación    | Nombre                      | Superficie (ha)  |
|------------------|------------------|-----------------|-----------------------------|------------------|
| Playa Teopa      | 30.808150        | Amortiguamiento | Campamento Tortuguero Teopa | 4.325403         |
|                  |                  | Núcleo          | Playa Teopa                 | 26.482747        |
| <b>Total</b>     | <b>30.808150</b> | <b>Total</b>    |                             | <b>30.808150</b> |



**“Playa Cuitzmala”**

El Santuario conocido como Playa Cuitzmala, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de La Huerta, en el estado de Jalisco, con una superficie total de 20-92-92.71 hectáreas (VEINTE HECTÁREAS, NOVENTA Y DOS ÁREAS, NOVENTA Y DOS PUNTO SETENTA Y UNA CENTIÁREAS). En el área se ubican cuatro zonas de amortiguamiento con una superficie de 11-55-38.72 hectáreas (ONCE HECTÁREAS, CINCUENTA Y CINCO ÁREAS, TREINTA Y OCHO PUNTO SETENTA Y DOS CENTIÁREAS) y una zona núcleo con una superficie de 9-37-53.99 hectáreas (NUEVE HECTÁREAS, TREINTA Y SIETE ÁREAS, CINCUENTA Y TRES PUNTO NOVENTA Y NUEVE CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Cuitzmala, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**El Polígono General se conforma por 4 polígonos, que se describen a continuación:****(Superficie total 20-92-92.71 hectáreas)****Polígono 1****(Superficie 2-06-21.35 hectáreas)**

| Est-PV                                                                                                                                                                          | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------|----------------|------------------|
|                                                                                                                                                                                 |             |                       |                 | X              | Y                |
| 1 - 2                                                                                                                                                                           | 01°12'12"SW | 8.17                  | 1               | 496,844.223600 | 2,144,330.857800 |
| 2 - 3                                                                                                                                                                           | 32°11'51"SW | 6.18                  | 2               | 496,844.052000 | 2,144,322.688900 |
| 3 - 4                                                                                                                                                                           | 11°28'36"SE | 11.87                 | 3               | 496,840.757900 | 2,144,317.457500 |
| 4 - 5                                                                                                                                                                           | 20°30'14"SE | 11.00                 | 4               | 496,843.120100 | 2,144,305.822700 |
| 5 - 6                                                                                                                                                                           | 17°19'56"SE | 9.68                  | 5               | 496,846.973400 | 2,144,295.518800 |
| 6 - 7                                                                                                                                                                           | 26°26'59"SE | 10.92                 | 6               | 496,849.857900 | 2,144,286.276200 |
| 7 - 8                                                                                                                                                                           | 08°56'56"SE | 25.11                 | 7               | 496,854.721900 | 2,144,276.499100 |
| 8 - 9                                                                                                                                                                           | 15°51'23"SW | 9.94                  | 8               | 496,858.628500 | 2,144,251.690900 |
| 9 - 10                                                                                                                                                                          | 33°37'51"SE | 11.87                 | 9               | 496,855.913900 | 2,144,242.133700 |
| 10 - 11                                                                                                                                                                         | 28°42'06"SE | 10.64                 | 10              | 496,862.486000 | 2,144,232.253500 |
| 11 - 12                                                                                                                                                                         | 19°10'14"SW | 11.36                 | 11              | 496,867.597500 | 2,144,222.917800 |
| 12 - 13                                                                                                                                                                         | 26°21'57"SW | 12.49                 | 12              | 496,863.866700 | 2,144,212.186800 |
| 13 - 14                                                                                                                                                                         | 07°21'55"SW | 12.16                 | 13              | 496,858.320000 | 2,144,200.996300 |
| 14 - 15                                                                                                                                                                         | 01°06'21"SW | 12.89                 | 14              | 496,856.761200 | 2,144,188.937300 |
| 15 - 16                                                                                                                                                                         | 43°54'50"SW | 12.08                 | 15              | 496,856.512400 | 2,144,176.049000 |
| 16 - 17                                                                                                                                                                         | 63°24'59"SW | 11.88                 | 16              | 496,848.136900 | 2,144,167.349800 |
| 17 - 18                                                                                                                                                                         | 29°23'22"SW | 10.15                 | 17              | 496,837.509000 | 2,144,162.031600 |
| 18 - 19                                                                                                                                                                         | 43°03'01"SW | 22.07                 | 18              | 496,832.525500 | 2,144,153.183600 |
| 19 - 20                                                                                                                                                                         | 26°23'03"SW | 12.17                 | 19              | 496,817.458600 | 2,144,137.054800 |
| 20 - 21                                                                                                                                                                         | 36°02'58"SW | 12.64                 | 20              | 496,812.050600 | 2,144,126.152900 |
| 21 - 22                                                                                                                                                                         | 28°18'04"SW | 12.50                 | 21              | 496,804.610300 | 2,144,115.930800 |
| 22 - 23                                                                                                                                                                         | 35°31'47"SW | 11.76                 | 22              | 496,798.685300 | 2,144,104.927500 |
| 23 - 24                                                                                                                                                                         | 18°26'04"SW | 11.56                 | 23              | 496,791.851300 | 2,144,095.357100 |
| 24 - 25                                                                                                                                                                         | 09°46'43"SW | 13.14                 | 24              | 496,788.194300 | 2,144,084.385900 |
| 25 - 26                                                                                                                                                                         | 17°03'51"SW | 12.33                 | 25              | 496,785.962100 | 2,144,071.434100 |
| 26 - 27                                                                                                                                                                         | 11°02'48"SW | 10.66                 | 26              | 496,782.343300 | 2,144,059.644900 |
| 27 - 28                                                                                                                                                                         | 15°30'05"SW | 9.41                  | 27              | 496,780.301100 | 2,144,049.184200 |
| 28 - 29                                                                                                                                                                         | 74°05'45"SW | 11.46                 | 28              | 496,777.786800 | 2,144,040.118800 |
| 29 - 30                                                                                                                                                                         | 33°07'09"SW | 10.65                 | 29              | 496,766.767000 | 2,144,036.978900 |
| 30 - 31                                                                                                                                                                         | 27°21'57"SW | 12.12                 | 30              | 496,760.948400 | 2,144,028.059800 |
| 31 - 32                                                                                                                                                                         | 36°12'05"SW | 11.74                 | 31              | 496,755.377900 | 2,144,017.297600 |
| 32 - 33                                                                                                                                                                         | 27°25'58"SW | 12.19                 | 32              | 496,748.441200 | 2,144,007.820300 |
| 33 - 34                                                                                                                                                                         | 38°42'04"SW | 10.92                 | 33              | 496,742.825100 | 2,143,997.000900 |
| 34 - 35                                                                                                                                                                         | 46°06'18"SW | 9.02                  | 34              | 496,735.994400 | 2,143,988.475200 |
| 35 - 36                                                                                                                                                                         | 09°44'00"SW | 10.34                 | 35              | 496,729.495600 | 2,143,982.222400 |
| 36 - 37                                                                                                                                                                         | 52°01'47"SW | 11.99                 | 36              | 496,727.748200 | 2,143,972.035500 |
| 37 - 38                                                                                                                                                                         | 54°00'56"SW | 13.44                 | 37              | 496,718.297700 | 2,143,964.659900 |
| 38 - 39                                                                                                                                                                         | 68°01'09"SW | 7.21                  | 38              | 496,707.425600 | 2,143,956.765400 |
| 39 - 40                                                                                                                                                                         | 45°37'43"SW | 8.21                  | 39              | 496,700.744300 | 2,143,954.068600 |
| 40 - 41                                                                                                                                                                         | 66°48'04"NW | 15.34                 | 40              | 496,694.876000 | 2,143,948.327700 |
| 41 - 42                                                                                                                                                                         | 70°01'00"SW | 11.79                 | 41              | 496,680.776200 | 2,143,954.370500 |
| 42 - 43                                                                                                                                                                         | 82°24'18"SW | 15.24                 | 42              | 496,669.697800 | 2,143,950.342000 |
| 43 - 44                                                                                                                                                                         | 57°33'30"NW | 26.75                 | 43              | 496,654.591000 | 2,143,948.327700 |
| A partir de este vértice 44 se continúa por el límite de la línea de costa con un rumbo general Noreste y una distancia aproximada de 434.38 metros hasta llegar al vértice 45. |             |                       |                 | 496,632.018500 | 2,143,962.675600 |
| 45 - 1                                                                                                                                                                          | 86°09'49"NE | 11.55                 | 45              | 496,832.697200 | 2,144,330.084900 |
|                                                                                                                                                                                 |             |                       | 1               |                |                  |

**Zona de Amortiguamiento****“El Faro 1”****(Superficie 2-06-21.35 hectáreas)**

Los límites de la zona de amortiguamiento El Faro 1 corresponden a los del polígono 1.

**Polígono 2****(Superficie 1-56-10.16 hectáreas)**

| Est-PV                                                                                                                                                                           | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------|----------------|------------------|
|                                                                                                                                                                                  |             |                       |                 | X              | Y                |
|                                                                                                                                                                                  |             |                       | 1               | 496,690.847500 | 2,143,913.078300 |
| 1 - 2                                                                                                                                                                            | 55°18'17"SE | 15.92                 | 2               | 496,703.940100 | 2,143,904.014200 |
| 2 - 3                                                                                                                                                                            | 05°11'41"SE | 11.12                 | 3               | 496,704.947300 | 2,143,892.935800 |
| 3 - 4                                                                                                                                                                            | 61°46'31"SE | 13.74                 | 4               | 496,717.057100 | 2,143,886.435900 |
| 4 - 5                                                                                                                                                                            | 51°07'36"SE | 12.17                 | 5               | 496,726.528600 | 2,143,878.800700 |
| 5 - 6                                                                                                                                                                            | 33°16'44"SE | 14.93                 | 6               | 496,734.721500 | 2,143,866.318300 |
| 6 - 7                                                                                                                                                                            | 23°24'19"SE | 15.03                 | 7               | 496,740.693900 | 2,143,852.520500 |
| 7 - 8                                                                                                                                                                            | 29°27'39"SE | 13.11                 | 8               | 496,747.140200 | 2,143,841.108600 |
| 8 - 9                                                                                                                                                                            | 25°39'10"SE | 11.58                 | 9               | 496,752.152900 | 2,143,830.671100 |
| 9 - 10                                                                                                                                                                           | 16°21'30"SE | 13.45                 | 10              | 496,755.940800 | 2,143,817.766400 |
| 10 - 11                                                                                                                                                                          | 04°54'48"SE | 13.54                 | 11              | 496,757.100100 | 2,143,804.281000 |
| 11 - 12                                                                                                                                                                          | 34°19'54"SE | 10.60                 | 12              | 496,763.075800 | 2,143,795.531400 |
| 12 - 13                                                                                                                                                                          | 07°46'07"SE | 10.36                 | 13              | 496,764.476400 | 2,143,785.265100 |
| 13 - 14                                                                                                                                                                          | 03°07'06"SW | 5.64                  | 14              | 496,764.169600 | 2,143,779.633700 |
| 14 - 15                                                                                                                                                                          | 55°23'58"NE | 3.04                  | 15              | 496,766.671100 | 2,143,781.359400 |
| 15 - 16                                                                                                                                                                          | 06°06'44"SW | 1.42                  | 16              | 496,766.519900 | 2,143,779.947500 |
| 16 - 17                                                                                                                                                                          | 29°47'24"SE | 5.22                  | 17              | 496,769.111400 | 2,143,775.420700 |
| 17 - 18                                                                                                                                                                          | 25°08'24"SE | 3.88                  | 18              | 496,770.759400 | 2,143,771.909000 |
| 18 - 19                                                                                                                                                                          | 68°15'07"SE | 5.51                  | 19              | 496,775.873000 | 2,143,769.869100 |
| 19 - 20                                                                                                                                                                          | 72°58'42"SE | 11.85                 | 20              | 496,787.205700 | 2,143,766.399700 |
| 20 - 21                                                                                                                                                                          | 38°51'11"SE | 9.78                  | 21              | 496,793.343400 | 2,143,758.780400 |
| 21 - 22                                                                                                                                                                          | 30°24'45"SE | 10.69                 | 22              | 496,798.753400 | 2,143,749.563900 |
| 22 - 23                                                                                                                                                                          | 41°41'38"SE | 9.99                  | 23              | 496,805.396600 | 2,143,742.106200 |
| 23 - 24                                                                                                                                                                          | 47°29'42"SE | 9.90                  | 24              | 496,812.698200 | 2,143,735.414400 |
| 24 - 25                                                                                                                                                                          | 81°39'10"SE | 5.62                  | 25              | 496,818.259700 | 2,143,734.598400 |
| 25 - 26                                                                                                                                                                          | 50°25'04"SE | 3.55                  | 26              | 496,820.995000 | 2,143,732.337000 |
| 26 - 27                                                                                                                                                                          | 69°27'08"SE | 15.89                 | 27              | 496,835.873600 | 2,143,726.760000 |
| 27 - 28                                                                                                                                                                          | 48°00'46"SE | 13.55                 | 28              | 496,845.944900 | 2,143,717.695900 |
| 28 - 29                                                                                                                                                                          | 56°18'35"SE | 29.05                 | 29              | 496,870.115900 | 2,143,701.581900 |
| 29 - 30                                                                                                                                                                          | 71°33'54"SE | 15.92                 | 30              | 496,885.222800 | 2,143,696.546300 |
| 30 - 31                                                                                                                                                                          | 45°00'00"SE | 19.94                 | 31              | 496,899.322600 | 2,143,682.446500 |
| 31 - 32                                                                                                                                                                          | 85°54'52"SE | 14.14                 | 32              | 496,913.422300 | 2,143,681.439400 |
| 32 - 33                                                                                                                                                                          | 18°32'45"SW | 14.26                 | 33              | 496,908.886000 | 2,143,667.917900 |
| 33 - 34                                                                                                                                                                          | 26°22'52"SW | 22.22                 | 34              | 496,899.012500 | 2,143,648.011500 |
| 34 - 35                                                                                                                                                                          | 38°44'16"SW | 16.70                 | 35              | 496,888.562900 | 2,143,634.986000 |
| 35 - 36                                                                                                                                                                          | 51°17'04"SW | 21.41                 | 36              | 496,871.858100 | 2,143,621.595600 |
| A partir de este vértice 36 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 392.12 metros hasta llegar al vértice 37. |             |                       |                 |                |                  |
|                                                                                                                                                                                  |             |                       | 37              | 496,657.742100 | 2,143,881.566400 |
| 37 - 38                                                                                                                                                                          | 27°14'25"NE | 17.32                 | 38              | 496,665.669300 | 2,143,896.964300 |
| 38 - 39                                                                                                                                                                          | 42°16'25"NE | 14.97                 | 39              | 496,675.740600 | 2,143,908.042700 |
| 39 - 1                                                                                                                                                                           | 71°33'54"NE | 15.92                 | 1               |                |                  |

**Zona de Amortiguamiento****“El Faro 2”****(Superficie 1-56-10.16 hectáreas)**

Los límites de la zona de amortiguamiento El Faro 2 corresponden a los del polígono 2.

**Polígono 3****(Superficie 3-51-16.82 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|-----------------|----------------|------------------|
|         |             |                       |                 | X              | Y                |
|         |             |                       | 1               | 497,044.348700 | 2,143,490.085400 |
| 1 - 2   | 57°19'01"SE | 64.33                 | 2               | 497,098.494300 | 2,143,455.347200 |
| 2 - 3   | 43°53'30"SE | 29.60                 | 3               | 497,119.014700 | 2,143,434.017200 |
| 3 - 4   | 36°11'42"SE | 15.86                 | 4               | 497,128.379100 | 2,143,421.220100 |
| 4 - 5   | 45°20'22"SE | 9.25                  | 5               | 497,134.961900 | 2,143,414.714900 |
| 5 - 6   | 29°42'42"SE | 6.66                  | 6               | 497,138.261400 | 2,143,408.933000 |
| 6 - 7   | 42°24'33"SE | 8.61                  | 7               | 497,144.071500 | 2,143,402.572200 |
| 7 - 8   | 40°06'38"SE | 16.01                 | 8               | 497,154.383600 | 2,143,390.330800 |
| 8 - 9   | 36°49'49"SE | 11.39                 | 9               | 497,161.212000 | 2,143,381.213200 |
| 9 - 10  | 67°14'32"SE | 16.55                 | 10              | 497,176.469800 | 2,143,374.812700 |
| 10 - 11 | 53°40'43"SE | 19.13                 | 11              | 497,191.884500 | 2,143,363.480700 |
| 11 - 12 | 51°28'29"SE | 13.22                 | 12              | 497,202.229200 | 2,143,355.244700 |
| 12 - 13 | 74°45'33"SE | 10.71                 | 13              | 497,212.557900 | 2,143,352.430600 |
| 13 - 14 | 81°24'15"SE | 13.73                 | 14              | 497,226.129600 | 2,143,350.379100 |
| 14 - 15 | 60°21'45"SE | 13.93                 | 15              | 497,238.233500 | 2,143,343.492700 |
| 15 - 16 | 89°11'11"NE | 7.46                  | 16              | 497,245.692200 | 2,143,343.598600 |
| 16 - 17 | 69°37'38"NE | 4.31                  | 17              | 497,249.733900 | 2,143,345.099500 |
| 17 - 18 | 69°43'03"SE | 4.97                  | 18              | 497,254.394800 | 2,143,343.377000 |
| 18 - 19 | 55°54'48"SE | 6.56                  | 19              | 497,259.825800 | 2,143,339.701800 |
| 19 - 20 | 48°06'40"SE | 6.88                  | 20              | 497,264.949800 | 2,143,335.106100 |
| 20 - 21 | 39°27'07"SE | 6.94                  | 21              | 497,269.360000 | 2,143,329.747000 |
| 21 - 22 | 82°11'04"SE | 8.71                  | 22              | 497,277.986100 | 2,143,328.563000 |
| 22 - 23 | 52°19'11"SE | 10.15                 | 23              | 497,286.019700 | 2,143,322.358400 |
| 23 - 24 | 29°49'56"SE | 10.30                 | 24              | 497,291.144300 | 2,143,313.422100 |
| 24 - 25 | 21°28'48"SE | 8.93                  | 25              | 497,294.413300 | 2,143,305.114800 |
| 25 - 26 | 31°37'12"SE | 7.98                  | 26              | 497,298.594500 | 2,143,298.323700 |
| 26 - 27 | 40°52'59"SE | 9.86                  | 27              | 497,305.046000 | 2,143,290.871500 |
| 27 - 28 | 53°12'10"SE | 10.62                 | 28              | 497,313.552900 | 2,143,284.508200 |
| 28 - 29 | 45°33'04"SE | 11.35                 | 29              | 497,321.655500 | 2,143,276.560000 |
| 29 - 30 | 48°22'58"SE | 11.34                 | 30              | 497,330.135900 | 2,143,269.026200 |
| 30 - 31 | 40°03'47"SE | 12.60                 | 31              | 497,338.243100 | 2,143,259.386000 |
| 31 - 32 | 45°46'43"SE | 11.51                 | 32              | 497,346.489500 | 2,143,251.360800 |
| 32 - 33 | 51°51'09"SE | 7.05                  | 33              | 497,352.032800 | 2,143,247.006900 |
| 33 - 34 | 81°11'20"SE | 8.18                  | 34              | 497,360.120300 | 2,143,245.753300 |
| 34 - 35 | 57°47'19"NE | 7.73                  | 35              | 497,366.661000 | 2,143,249.874000 |
| 35 - 36 | 62°33'38"NE | 8.60                  | 36              | 497,374.290300 | 2,143,253.835300 |
| 36 - 37 | 80°46'04"SE | 11.54                 | 37              | 497,385.677200 | 2,143,251.984500 |
| 37 - 38 | 40°49'32"SE | 7.51                  | 38              | 497,390.586500 | 2,143,246.302200 |
| 38 - 39 | 49°30'50"SE | 8.94                  | 39              | 497,397.384100 | 2,143,240.499400 |
| 39 - 40 | 86°53'45"SE | 9.21                  | 40              | 497,406.580000 | 2,143,240.000700 |
| 40 - 41 | 83°08'02"NE | 8.03                  | 41              | 497,414.550900 | 2,143,240.960500 |



|                                                                                                                                                                                  |             |       |    |                |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|----|----------------|------------------|
| 41 - 42                                                                                                                                                                          | 83°37'05"SE | 7.53  | 42 | 497,422.031700 | 2,143,240.123800 |
| 42 - 43                                                                                                                                                                          | 68°20'33"SE | 8.37  | 43 | 497,429.809300 | 2,143,237.035400 |
| 43 - 44                                                                                                                                                                          | 89°55'16"SE | 10.53 | 44 | 497,440.342700 | 2,143,237.020900 |
| 44 - 45                                                                                                                                                                          | 62°22'41"SE | 8.59  | 45 | 497,447.953300 | 2,143,233.038500 |
| 45 - 46                                                                                                                                                                          | 88°50'54"NE | 12.05 | 46 | 497,460.001700 | 2,143,233.280700 |
| 46 - 47                                                                                                                                                                          | 79°45'31"SE | 11.81 | 47 | 497,471.626500 | 2,143,231.180400 |
| 47 - 48                                                                                                                                                                          | 87°03'22"NE | 11.36 | 48 | 497,482.971900 | 2,143,231.763800 |
| 48 - 49                                                                                                                                                                          | 78°13'31"SE | 13.15 | 49 | 497,495.844300 | 2,143,229.080600 |
| 49 - 50                                                                                                                                                                          | 68°20'32"SE | 12.98 | 50 | 497,507.904200 | 2,143,224.291700 |
| 50 - 51                                                                                                                                                                          | 60°54'31"SE | 11.06 | 51 | 497,517.571500 | 2,143,218.912900 |
| 51 - 52                                                                                                                                                                          | 84°08'06"NE | 11.63 | 52 | 497,529.139600 | 2,143,220.101200 |
| 52 - 53                                                                                                                                                                          | 54°17'13"NE | 9.83  | 53 | 497,537.120500 | 2,143,225.838800 |
| 53 - 54                                                                                                                                                                          | 76°26'50"SE | 10.85 | 54 | 497,547.670500 | 2,143,223.295700 |
| 54 - 55                                                                                                                                                                          | 56°01'55"SE | 11.71 | 55 | 497,557.383800 | 2,143,216.751900 |
| 55 - 56                                                                                                                                                                          | 53°54'12"SE | 13.77 | 56 | 497,568.513500 | 2,143,208.637000 |
| 56 - 57                                                                                                                                                                          | 56°52'42"SE | 10.21 | 57 | 497,577.064300 | 2,143,203.058200 |
| 57 - 58                                                                                                                                                                          | 46°04'26"SE | 7.85  | 58 | 497,582.715600 | 2,143,197.614900 |
| 58 - 59                                                                                                                                                                          | 70°13'09"SE | 12.79 | 59 | 497,594.754500 | 2,143,193.285200 |
| 59 - 60                                                                                                                                                                          | 63°51'28"SE | 11.65 | 60 | 497,605.215600 | 2,143,188.150800 |
| 60 - 61                                                                                                                                                                          | 72°46'35"SE | 10.97 | 61 | 497,615.697100 | 2,143,184.901500 |
| 61 - 62                                                                                                                                                                          | 82°49'52"SE | 6.55  | 62 | 497,622.195200 | 2,143,184.084200 |
| 62 - 63                                                                                                                                                                          | 50°01'33"SE | 9.04  | 63 | 497,629.122200 | 2,143,178.277100 |
| 63 - 64                                                                                                                                                                          | 60°45'42"SE | 9.70  | 64 | 497,637.588700 | 2,143,173.537900 |
| 64 - 65                                                                                                                                                                          | 46°37'01"SE | 11.26 | 65 | 497,645.769600 | 2,143,165.806200 |
| 65 - 66                                                                                                                                                                          | 43°51'29"SE | 9.61  | 66 | 497,652.430900 | 2,143,158.874000 |
| 66 - 67                                                                                                                                                                          | 71°58'37"SE | 9.03  | 67 | 497,661.019800 | 2,143,156.079500 |
| 67 - 68                                                                                                                                                                          | 68°57'41"SE | 10.61 | 68 | 497,670.918500 | 2,143,152.272100 |
| 68 - 69                                                                                                                                                                          | 63°41'08"SE | 11.25 | 69 | 497,681.005000 | 2,143,147.283900 |
| 69 - 70                                                                                                                                                                          | 54°29'22"SE | 7.38  | 70 | 497,687.013800 | 2,143,142.996200 |
| 70 - 71                                                                                                                                                                          | 43°27'51"SE | 5.09  | 71 | 497,690.516500 | 2,143,139.300500 |
| 71 - 72                                                                                                                                                                          | 67°40'02"SE | 9.54  | 72 | 497,699.336700 | 2,143,135.677200 |
| 72 - 73                                                                                                                                                                          | 63°42'01"SE | 9.78  | 73 | 497,708.106900 | 2,143,131.342800 |
| 73 - 74                                                                                                                                                                          | 51°04'57"SE | 21.39 | 74 | 497,724.745900 | 2,143,117.908500 |
| 74 - 75                                                                                                                                                                          | 69°55'48"SE | 10.15 | 75 | 497,734.276700 | 2,143,114.426400 |
| 75 - 76                                                                                                                                                                          | 59°55'54"SE | 11.58 | 76 | 497,744.299500 | 2,143,108.623800 |
| 76 - 77                                                                                                                                                                          | 52°12'31"SE | 13.07 | 77 | 497,754.628000 | 2,143,100.614700 |
| 77 - 78                                                                                                                                                                          | 81°38'32"SE | 8.90  | 78 | 497,763.436600 | 2,143,099.320600 |
| 78 - 79                                                                                                                                                                          | 45°00'00"SE | 9.97  | 79 | 497,770.486500 | 2,143,092.270700 |
| 79 - 80                                                                                                                                                                          | 16°41'58"SW | 10.51 | 80 | 497,767.465100 | 2,143,082.199500 |
| 80 - 81                                                                                                                                                                          | 63°26'05"SE | 9.01  | 81 | 497,775.522100 | 2,143,078.171000 |
| 81 - 82                                                                                                                                                                          | 49°23'54"SE | 9.29  | 82 | 497,782.572000 | 2,143,072.128200 |
| 82 - 83                                                                                                                                                                          | 41°25'25"SE | 22.83 | 83 | 497,797.678900 | 2,143,055.007100 |
| 83 - 84                                                                                                                                                                          | 03°34'34"SE | 16.15 | 84 | 497,798.686000 | 2,143,038.893000 |
| 84 - 85                                                                                                                                                                          | 49°16'57"SW | 10.90 | 85 | 497,790.427800 | 2,143,031.785500 |
| A partir de este vértice 85 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 978.16 metros hasta llegar al vértice 86. |             |       |    |                |                  |
|                                                                                                                                                                                  |             |       | 86 | 497,015.142000 | 2,143,453.828900 |
| 86 - 87                                                                                                                                                                          | 14°02'10"NE | 16.61 | 87 | 497,019.170500 | 2,143,469.942900 |
| 87 - 88                                                                                                                                                                          | 23°11'55"NE | 15.34 | 88 | 497,025.213300 | 2,143,484.042700 |
| 88 - 1                                                                                                                                                                           | 72°28'28"NE | 20.07 | 1  |                |                  |

**Zona de Amortiguamiento****“Tigre del Mar”****(Superficie 3-51-16.82 hectáreas)**

Los límites de la zona de amortiguamiento Tigre del mar corresponden a los del polígono 3.

**Polígono 4****(Superficie 13-79-44.38 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|-----------------|----------------|------------------|
|         |             |                       |                 | X              | Y                |
| 1 - 2   | 86°38'01"SE | 10.09                 | 1               | 498,145.257100 | 2,142,874.921300 |
| 2 - 3   | 84°17'19"SE | 5.95                  | 2               | 498,155.324800 | 2,142,874.329100 |
| 3 - 4   | 79°41'40"NE | 6.62                  | 3               | 498,161.247100 | 2,142,873.736800 |
| 4 - 5   | 77°00'18"SE | 7.90                  | 4               | 498,167.761500 | 2,142,874.921300 |
| 5 - 6   | 84°48'20"SE | 6.54                  | 5               | 498,175.460400 | 2,142,873.144600 |
| 6 - 7   | 84°48'20"SE | 6.54                  | 6               | 498,181.974900 | 2,142,872.552400 |
| 7 - 8   | 75°57'49"SE | 9.77                  | 7               | 498,191.450500 | 2,142,870.183500 |
| 8 - 9   | 32°00'18"SE | 5.59                  | 8               | 498,194.411600 | 2,142,865.445700 |
| 9 - 10  | 07°16'56"SW | 4.81                  | 9               | 498,193.801700 | 2,142,860.673100 |
| 10 - 11 | 66°58'07"SE | 11.20                 | 10              | 498,204.113200 | 2,142,856.289500 |
| 11 - 12 | 52°36'55"SE | 4.41                  | 11              | 498,207.616900 | 2,142,853.612200 |
| 12 - 13 | 35°41'52"SE | 5.33                  | 12              | 498,210.725000 | 2,142,849.286500 |
| 13 - 14 | 85°08'59"SE | 5.61                  | 13              | 498,216.319400 | 2,142,848.811800 |
| 14 - 15 | 46°52'24"SE | 4.10                  | 14              | 498,219.312300 | 2,142,846.008500 |
| 15 - 16 | 28°37'43"SE | 5.61                  | 15              | 498,222.000200 | 2,142,841.084400 |
| 16 - 17 | 32°42'32"SE | 5.84                  | 16              | 498,225.155500 | 2,142,836.171200 |
| 17 - 18 | 44°05'09"SE | 5.36                  | 17              | 498,228.884500 | 2,142,832.321300 |
| 18 - 19 | 53°33'21"SE | 5.40                  | 18              | 498,233.230500 | 2,142,829.112000 |
| 19 - 20 | 37°46'22"SE | 5.10                  | 19              | 498,236.356600 | 2,142,825.077900 |
| 20 - 21 | 40°55'23"SE | 6.07                  | 20              | 498,240.333500 | 2,142,820.490600 |
| 21 - 22 | 27°45'58"SE | 5.03                  | 21              | 498,242.679100 | 2,142,816.035400 |
| 22 - 23 | 46°26'53"SE | 5.63                  | 22              | 498,246.759200 | 2,142,812.156500 |
| 23 - 24 | 55°32'44"SE | 5.33                  | 23              | 498,251.154300 | 2,142,809.141000 |
| 24 - 25 | 48°23'54"SE | 5.52                  | 24              | 498,255.284100 | 2,142,805.474200 |
| 25 - 26 | 38°29'23"SE | 5.66                  | 25              | 498,258.809300 | 2,142,801.040800 |
| 26 - 27 | 42°09'47"SE | 5.74                  | 26              | 498,262.664700 | 2,142,796.783400 |
| 27 - 28 | 49°45'34"SE | 16.80                 | 27              | 498,275.492100 | 2,142,785.927900 |
| 28 - 29 | 53°11'49"SE | 5.72                  | 28              | 498,280.071800 | 2,142,782.501500 |
| 29 - 30 | 60°52'22"SE | 5.37                  | 29              | 498,284.761200 | 2,142,779.888500 |
| 30 - 31 | 49°15'17"SE | 5.63                  | 30              | 498,289.030100 | 2,142,776.210800 |
| 31 - 32 | 57°24'00"SE | 15.85                 | 31              | 498,302.382900 | 2,142,767.671400 |
| 32 - 33 | 47°13'01"SE | 5.82                  | 32              | 498,306.656900 | 2,142,763.716000 |
| 33 - 34 | 39°33'45"SE | 5.50                  | 33              | 498,310.157400 | 2,142,759.479000 |
| 34 - 35 | 45°47'34"SE | 5.77                  | 34              | 498,314.292500 | 2,142,755.456800 |
| 35 - 36 | 47°57'27"SE | 5.81                  | 35              | 498,318.610900 | 2,142,751.562700 |
| 36 - 37 | 54°33'53"SE | 5.55                  | 36              | 498,323.130100 | 2,142,748.346900 |
| 37 - 38 | 60°42'48"SE | 5.53                  | 37              | 498,327.949600 | 2,142,745.643800 |
| 38 - 39 | 72°50'27"SE | 10.70                 | 38              | 498,338.174700 | 2,142,742.486600 |
| 39 - 40 | 69°13'26"SE | 5.14                  | 39              | 498,342.983300 | 2,142,740.662300 |
| 40 - 41 | 75°35'27"SE | 6.55                  | 40              | 498,349.331900 | 2,142,739.031200 |
| 41 - 42 | 69°21'05"SE | 6.41                  | 41              | 498,355.326500 | 2,142,736.772200 |
| 42 - 43 | 54°18'40"SE | 6.21                  | 42              | 498,360.369400 | 2,142,733.150000 |
| 43 - 44 | 37°26'42"SE | 5.01                  | 43              | 498,363.415700 | 2,142,729.172100 |
| 44 - 45 | 26°19'33"SE | 5.43                  | 44              | 498,365.825900 | 2,142,724.301000 |
| 45 - 46 | 40°51'58"SE | 5.70                  | 45              | 498,369.557400 | 2,142,719.988100 |
| 46 - 47 | 16°04'30"SE | 4.40                  | 46              | 498,370.775800 | 2,142,715.760000 |
| 47 - 48 | 22°04'30"SE | 2.35                  | 47              | 498,371.657800 | 2,142,713.585200 |
| 48 - 49 | 27°39'00"SE | 4.61                  | 48              | 498,373.796900 | 2,142,709.502200 |
| 49 - 50 | 61°16'31"SE | 8.86                  | 49              | 498,381.568400 | 2,142,705.243100 |
| 50 - 51 | 05°01'41"SE | 4.50                  | 50              | 498,381.963000 | 2,142,700.758100 |
| 51 - 52 | 04°24'03"SW | 6.91                  | 51              | 498,381.432700 | 2,142,693.867700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 51 - 52   | 16°24'42"SE | 9.40                  | 52              | 498,384.088800 | 2,142,684.849900 |
| 52 - 53   | 05°30'36"SE | 4.74                  | 53              | 498,384.543800 | 2,142,680.133400 |
| 53 - 54   | 13°37'23"SE | 4.77                  | 54              | 498,385.666200 | 2,142,675.502200 |
| 54 - 55   | 81°49'25"SE | 4.05                  | 55              | 498,389.674400 | 2,142,674.926300 |
| 55 - 56   | 70°49'48"SE | 1.48                  | 56              | 498,391.069200 | 2,142,674.441400 |
| 56 - 57   | 05°02'02"SE | 4.78                  | 57              | 498,391.488300 | 2,142,669.683700 |
| 57 - 58   | 81°21'21"NE | 6.13                  | 58              | 498,397.544100 | 2,142,670.604300 |
| 58 - 59   | 90°00'00"NE | 7.70                  | 59              | 498,405.243000 | 2,142,670.604300 |
| 59 - 60   | 65°33'22"SE | 7.16                  | 60              | 498,411.757500 | 2,142,667.643200 |
| 60 - 61   | 48°00'45"SE | 7.97                  | 61              | 498,417.679700 | 2,142,662.313200 |
| 61 - 62   | 73°18'01"SE | 6.18                  | 62              | 498,423.601900 | 2,142,660.536500 |
| 62 - 63   | 66°48'04"NE | 4.51                  | 63              | 498,427.747500 | 2,142,662.313200 |
| 63 - 64   | 77°28'17"NE | 5.46                  | 64              | 498,433.077500 | 2,142,663.497600 |
| 64 - 65   | 70°05'55"SE | 5.07                  | 65              | 498,437.841900 | 2,142,661.772800 |
| 65 - 66   | 45°38'40"NE | 5.01                  | 66              | 498,441.423700 | 2,142,665.274900 |
| 66 - 67   | 50°23'23"NE | 5.14                  | 67              | 498,445.387000 | 2,142,668.554800 |
| 67 - 68   | 60°04'25"SE | 3.95                  | 68              | 498,448.811200 | 2,142,666.583700 |
| 68 - 69   | 11°56'58"SE | 5.30                  | 69              | 498,449.908800 | 2,142,661.397500 |
| 69 - 70   | 26°10'10"SW | 4.08                  | 70              | 498,448.108600 | 2,142,657.734100 |
| 70 - 71   | 18°39'26"SW | 4.29                  | 71              | 498,446.735400 | 2,142,653.667200 |
| 71 - 72   | 08°32'13"SW | 3.74                  | 72              | 498,446.180500 | 2,142,649.970700 |
| 72 - 73   | 14°10'18"SE | 4.20                  | 73              | 498,447.207700 | 2,142,645.902800 |
| 73 - 74   | 55°47'37"SE | 3.37                  | 74              | 498,449.998100 | 2,142,644.006000 |
| 74 - 75   | 50°09'31"SE | 3.88                  | 75              | 498,452.976100 | 2,142,641.521200 |
| 75 - 76   | 57°51'00"SE | 2.39                  | 76              | 498,454.999300 | 2,142,640.249600 |
| 76 - 77   | 49°27'13"SE | 4.59                  | 77              | 498,458.490200 | 2,142,637.263200 |
| 77 - 78   | 67°12'52"SE | 5.97                  | 78              | 498,463.998700 | 2,142,634.949300 |
| 78 - 79   | 57°23'57"SE | 4.05                  | 79              | 498,467.412400 | 2,142,632.766100 |
| 79 - 80   | 44°27'12"SE | 4.77                  | 80              | 498,470.751400 | 2,142,629.362800 |
| 80 - 81   | 52°35'52"SE | 5.45                  | 81              | 498,475.084700 | 2,142,626.049500 |
| 81 - 82   | 68°42'53"SE | 1.91                  | 82              | 498,476.862500 | 2,142,625.356900 |
| 82 - 83   | 20°15'05"SW | 0.59                  | 83              | 498,476.656700 | 2,142,624.799100 |
| 83 - 84   | 84°56'51"SE | 4.41                  | 84              | 498,481.047600 | 2,142,624.410900 |
| 84 - 85   | 66°02'14"SE | 5.83                  | 85              | 498,486.377600 | 2,142,622.042000 |
| 85 - 86   | 44°59'57"SE | 6.70                  | 86              | 498,491.115300 | 2,142,617.304200 |
| 86 - 87   | 32°28'17"SE | 7.72                  | 87              | 498,495.260900 | 2,142,610.789800 |
| 87 - 88   | 12°05'41"SE | 8.48                  | 88              | 498,497.037600 | 2,142,602.498600 |
| 88 - 89   | 06°20'23"SE | 5.36                  | 89              | 498,497.629800 | 2,142,597.168600 |
| 89 - 90   | 24°26'38"SE | 7.16                  | 90              | 498,500.590900 | 2,142,590.654200 |
| 90 - 91   | 59°02'12"NE | 6.91                  | 91              | 498,506.513200 | 2,142,594.207500 |
| 91 - 92   | 56°18'33"NE | 6.41                  | 92              | 498,511.843200 | 2,142,597.760900 |
| 92 - 93   | 81°34'22"SE | 16.16                 | 93              | 498,527.833200 | 2,142,595.392000 |
| 93 - 94   | 63°26'06"NE | 9.27                  | 94              | 498,536.124300 | 2,142,599.537500 |
| 94 - 95   | 53°04'02"NE | 8.62                  | 95              | 498,543.012600 | 2,142,604.715500 |
| 95 - 96   | 75°57'48"SE | 8.64                  | 96              | 498,551.393700 | 2,142,602.620200 |
| 96 - 97   | 90°00'00"NE | 9.64                  | 97              | 498,561.031900 | 2,142,602.620200 |
| 97 - 98   | 53°58'21"SE | 11.40                 | 98              | 498,570.251000 | 2,142,595.915400 |
| 98 - 99   | 66°15'01"SE | 11.45                 | 99              | 498,580.727300 | 2,142,591.305800 |
| 99 - 100  | 44°15'21"SE | 22.82                 | 100             | 498,596.651300 | 2,142,574.962800 |
| 100 - 101 | 56°18'36"SE | 12.09                 | 101             | 498,606.708600 | 2,142,568.258000 |
| 101 - 102 | 65°05'42"SE | 12.94                 | 102             | 498,618.442000 | 2,142,562.810300 |
| 102 - 103 | 51°20'25"SE | 10.73                 | 103             | 498,626.823100 | 2,142,556.105500 |
| 103 - 104 | 45°00'00"SE | 7.70                  | 104             | 498,632.270800 | 2,142,550.657800 |
| 104 - 105 | 18°47'57"SE | 4.57                  | 105             | 498,633.743200 | 2,142,546.332500 |
| 105 - 106 | 61°54'42"SE | 6.46                  | 106             | 498,639.444900 | 2,142,543.289600 |
| 106 - 107 | 21°04'41"SE | 7.03                  | 107             | 498,641.972200 | 2,142,536.732500 |
| 107 - 108 | 53°13'14"SE | 9.29                  | 108             | 498,649.409900 | 2,142,531.172600 |
| 108 - 109 | 56°31'34"SE | 8.02                  | 109             | 498,656.102600 | 2,142,526.747200 |
| 109 - 110 | 54°23'40"SE | 9.36                  | 110             | 498,663.708700 | 2,142,521.300700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 110 - 111 | 74°17'04"SE | 9.84                  | 111             | 498,673.181100 | 2,142,518.635400 |
| 111 - 112 | 86°43'30"SE | 10.13                 | 112             | 498,683.294500 | 2,142,518.056700 |
| 112 - 113 | 57°30'30"SE | 9.47                  | 113             | 498,691.280200 | 2,142,512.970900 |
| 113 - 114 | 46°32'43"SE | 11.03                 | 114             | 498,699.289100 | 2,142,505.382800 |
| 114 - 115 | 25°04'06"SE | 12.48                 | 115             | 498,704.576700 | 2,142,494.078800 |
| 115 - 116 | 09°22'14"SE | 9.48                  | 116             | 498,706.120300 | 2,142,484.725100 |
| 116 - 117 | 06°10'34"SE | 11.08                 | 117             | 498,707.312600 | 2,142,473.707500 |
| 117 - 118 | 30°39'51"SE | 10.91                 | 118             | 498,712.876200 | 2,142,464.324000 |
| 118 - 119 | 49°51'16"SE | 10.27                 | 119             | 498,720.729600 | 2,142,457.700200 |
| 119 - 120 | 04°25'22"SE | 9.17                  | 120             | 498,721.436800 | 2,142,448.557200 |
| 120 - 121 | 17°57'58"SE | 13.82                 | 121             | 498,725.699800 | 2,142,435.410600 |
| 121 - 122 | 00°00'48"SW | 11.59                 | 122             | 498,725.697100 | 2,142,423.824400 |
| 122 - 123 | 40°10'47"SW | 7.67                  | 123             | 498,720.745500 | 2,142,417.960800 |
| 123 - 124 | 04°25'31"SW | 7.77                  | 124             | 498,720.146200 | 2,142,410.217000 |
| 124 - 125 | 64°32'56"SE | 7.60                  | 125             | 498,727.012000 | 2,142,406.949400 |
| 125 - 126 | 44°44'41"NE | 6.46                  | 126             | 498,731.559100 | 2,142,411.537200 |
| 126 - 127 | 10°54'41"NE | 3.74                  | 127             | 498,732.267600 | 2,142,415.212400 |
| 127 - 128 | 44°13'41"NE | 1.96                  | 128             | 498,733.633400 | 2,142,416.615500 |
| 128 - 129 | 11°09'00"NW | 7.26                  | 129             | 498,732.229100 | 2,142,423.740300 |
| 129 - 130 | 52°44'43"SE | 14.29                 | 130             | 498,743.601200 | 2,142,415.091300 |
| 130 - 131 | 22°27'42"NE | 5.00                  | 131             | 498,745.511000 | 2,142,419.710700 |
| 131 - 132 | 07°09'32"NE | 4.82                  | 132             | 498,746.111900 | 2,142,424.494900 |
| 132 - 133 | 40°56'40"SE | 5.63                  | 133             | 498,749.802700 | 2,142,420.240800 |
| 133 - 134 | 67°41'30"SE | 8.81                  | 134             | 498,757.957800 | 2,142,416.894800 |
| 134 - 135 | 08°16'47"SE | 2.65                  | 135             | 498,758.339000 | 2,142,414.275300 |
| 135 - 136 | 26°25'17"SE | 5.34                  | 136             | 498,760.713200 | 2,142,409.497000 |
| 136 - 137 | 10°04'24"SE | 4.81                  | 137             | 498,761.554600 | 2,142,404.760700 |
| 137 - 138 | 50°56'24"SE | 2.91                  | 138             | 498,763.812100 | 2,142,402.928700 |
| 138 - 139 | 64°24'37"NE | 7.44                  | 139             | 498,770.521700 | 2,142,406.141900 |
| 139 - 140 | 11°30'04"SE | 3.50                  | 140             | 498,771.220000 | 2,142,402.710000 |
| 140 - 141 | 20°04'42"SW | 15.85                 | 141             | 498,765.780300 | 2,142,387.828000 |
| 141 - 142 | 38°23'48"SE | 3.16                  | 142             | 498,767.744900 | 2,142,385.349000 |
| 142 - 143 | 50°10'12"SE | 4.34                  | 143             | 498,771.077200 | 2,142,382.569700 |
| 143 - 144 | 73°36'32"SE | 0.96                  | 144             | 498,771.994100 | 2,142,382.300000 |
| 144 - 145 | 15°16'24"SW | 3.91                  | 145             | 498,770.963800 | 2,142,378.527000 |
| 145 - 146 | 23°14'15"SE | 4.98                  | 146             | 498,772.928300 | 2,142,373.951800 |
| 146 - 147 | 00°57'51"SE | 7.83                  | 147             | 498,773.060100 | 2,142,366.120600 |
| 147 - 148 | 45°05'39"SE | 2.06                  | 148             | 498,774.518700 | 2,142,364.666800 |
| 148 - 149 | 54°49'27"SE | 9.20                  | 149             | 498,782.034700 | 2,142,359.369600 |
| 149 - 150 | 36°35'24"NE | 4.92                  | 150             | 498,784.965900 | 2,142,363.317900 |
| 150 - 151 | 44°17'56"NE | 4.57                  | 151             | 498,788.155300 | 2,142,366.586300 |
| 151 - 152 | 71°00'29"NE | 4.68                  | 152             | 498,792.581900 | 2,142,368.109800 |
| 152 - 153 | 28°27'34"NW | 3.31                  | 153             | 498,791.004400 | 2,142,371.020100 |
| 153 - 154 | 49°12'33"NE | 4.00                  | 154             | 498,794.029700 | 2,142,373.630600 |
| 154 - 155 | 56°39'29"NE | 8.03                  | 155             | 498,800.741100 | 2,142,378.046200 |
| 155 - 156 | 48°30'36"NE | 5.72                  | 156             | 498,805.027900 | 2,142,381.837500 |
| 156 - 157 | 53°52'23"SE | 14.60                 | 157             | 498,816.816700 | 2,142,373.232500 |
| 157 - 158 | 68°36'13"NE | 8.56                  | 158             | 498,824.790200 | 2,142,376.356700 |
| 158 - 159 | 21°16'39"NE | 9.45                  | 159             | 498,828.220800 | 2,142,385.165900 |
| 159 - 160 | 23°27'38"NE | 8.75                  | 160             | 498,831.704800 | 2,142,393.193600 |
| 160 - 161 | 70°12'42"SE | 10.68                 | 161             | 498,841.758200 | 2,142,389.576500 |
| 161 - 162 | 35°06'56"SE | 10.38                 | 162             | 498,847.728800 | 2,142,381.086100 |
| 162 - 163 | 40°16'30"SE | 8.14                  | 163             | 498,852.991200 | 2,142,374.875400 |
| 163 - 164 | 09°54'48"SW | 9.56                  | 164             | 498,851.344600 | 2,142,365.453800 |
| 164 - 165 | 17°56'29"SE | 10.30                 | 165             | 498,854.517900 | 2,142,355.653300 |
| 165 - 166 | 51°25'40"SE | 10.78                 | 166             | 498,862.949200 | 2,142,348.929400 |
| 166 - 167 | 69°14'36"SE | 10.51                 | 167             | 498,872.778800 | 2,142,345.204000 |
| 167 - 168 | 58°32'53"SE | 13.46                 | 168             | 498,884.257700 | 2,142,338.183000 |
| 168 - 169 | 80°40'56"SE | 9.12                  | 169             | 498,893.258000 | 2,142,336.706300 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 169 - 170 | 58°47'35"NE | 11.64                 | 170             | 498,903.212400 | 2,142,342.736500 |
| 170 - 171 | 81°48'35"NE | 8.45                  | 171             | 498,911.577900 | 2,142,343.940500 |
| 171 - 172 | 77°25'41"SE | 11.19                 | 172             | 498,922.503000 | 2,142,341.504100 |
| 172 - 173 | 85°29'26"NE | 10.67                 | 173             | 498,933.140000 | 2,142,342.343000 |
| 173 - 174 | 81°00'34"SE | 12.27                 | 174             | 498,945.259800 | 2,142,340.425500 |
| 174 - 175 | 33°26'07"SE | 13.21                 | 175             | 498,952.537700 | 2,142,329.402800 |
| 175 - 176 | 40°26'19"SE | 13.35                 | 176             | 498,961.194800 | 2,142,319.244700 |
| 176 - 177 | 51°44'36"SE | 14.26                 | 177             | 498,972.396200 | 2,142,310.412200 |
| 177 - 178 | 38°04'26"SE | 12.82                 | 178             | 498,980.302100 | 2,142,300.320000 |
| 178 - 179 | 28°11'09"SE | 11.97                 | 179             | 498,985.956900 | 2,142,289.767600 |
| 179 - 180 | 09°57'13"SW | 8.41                  | 180             | 498,984.502800 | 2,142,281.481800 |
| 180 - 181 | 28°59'54"SE | 12.01                 | 181             | 498,990.327000 | 2,142,270.974000 |
| 181 - 182 | 39°49'20"SE | 13.93                 | 182             | 498,999.246700 | 2,142,260.276700 |
| 182 - 183 | 63°11'07"SE | 13.49                 | 183             | 499,011.287500 | 2,142,254.190600 |
| 183 - 184 | 48°39'50"SE | 13.71                 | 184             | 499,021.579400 | 2,142,245.137500 |
| 184 - 185 | 53°35'51"SE | 12.91                 | 185             | 499,031.973000 | 2,142,237.474000 |
| 185 - 186 | 43°35'32"SE | 10.78                 | 186             | 499,039.405900 | 2,142,229.666600 |
| 186 - 187 | 20°02'48"SW | 10.33                 | 187             | 499,035.866400 | 2,142,219.966500 |
| 187 - 188 | 70°28'00"SE | 7.68                  | 188             | 499,043.100700 | 2,142,217.400000 |
| 188 - 189 | 56°05'34"SE | 9.49                  | 189             | 499,050.979300 | 2,142,212.104400 |
| 189 - 190 | 51°59'42"SE | 12.68                 | 190             | 499,060.971000 | 2,142,204.296700 |
| 190 - 191 | 31°57'22"SE | 12.89                 | 191             | 499,067.792500 | 2,142,193.361400 |
| 191 - 192 | 51°35'19"SE | 13.34                 | 192             | 499,078.242900 | 2,142,185.075200 |
| 192 - 193 | 42°33'06"SE | 13.35                 | 193             | 499,087.271200 | 2,142,175.240400 |
| 193 - 194 | 56°28'11"SE | 11.82                 | 194             | 499,097.120700 | 2,142,168.713700 |
| 194 - 195 | 34°37'25"SE | 13.27                 | 195             | 499,104.659500 | 2,142,157.795300 |
| 195 - 196 | 55°12'42"SE | 12.89                 | 196             | 499,115.248900 | 2,142,150.438700 |
| 196 - 197 | 45°28'32"SE | 10.99                 | 197             | 499,123.081200 | 2,142,142.735400 |
| 197 - 198 | 87°58'01"SE | 3.93                  | 198             | 499,127.005800 | 2,142,142.596100 |
| 198 - 199 | 40°37'38"SE | 1.09                  | 199             | 499,127.716600 | 2,142,141.767600 |
| 199 - 200 | 28°38'16"SE | 9.51                  | 200             | 499,132.272600 | 2,142,133.424400 |
| 200 - 201 | 39°46'29"SE | 9.05                  | 201             | 499,138.062200 | 2,142,126.469300 |
| 201 - 202 | 44°40'14"SE | 20.44                 | 202             | 499,152.429200 | 2,142,111.936200 |
| 202 - 203 | 49°46'27"SE | 10.76                 | 203             | 499,160.646200 | 2,142,104.986000 |
| 203 - 204 | 53°40'37"SE | 9.69                  | 204             | 499,168.449600 | 2,142,099.249000 |
| 204 - 205 | 03°44'52"SE | 7.84                  | 205             | 499,168.962100 | 2,142,091.425600 |
| 205 - 206 | 52°59'49"SE | 26.37                 | 206             | 499,190.022400 | 2,142,075.553900 |
| 206 - 207 | 47°13'23"SE | 13.48                 | 207             | 499,199.919300 | 2,142,066.396700 |
| 207 - 208 | 24°13'37"SE | 8.76                  | 208             | 499,203.514100 | 2,142,058.408000 |
| 208 - 209 | 84°11'53"NW | 0.94                  | 209             | 499,202.582100 | 2,142,058.502700 |
| 209 - 210 | 56°06'37"SE | 12.25                 | 210             | 499,212.752400 | 2,142,051.671200 |
| 210 - 211 | 24°09'17"SE | 7.73                  | 211             | 499,215.916800 | 2,142,044.615200 |
| 211 - 212 | 48°35'38"SE | 6.66                  | 212             | 499,220.908600 | 2,142,040.213400 |
| 212 - 213 | 17°36'09"SE | 7.75                  | 213             | 499,223.250900 | 2,142,032.830700 |
| 213 - 214 | 46°27'35"SE | 6.34                  | 214             | 499,227.843800 | 2,142,028.466100 |
| 214 - 215 | 42°53'16"SE | 8.22                  | 215             | 499,233.439200 | 2,142,022.442200 |
| 215 - 216 | 37°36'12"SE | 7.93                  | 216             | 499,238.278200 | 2,142,016.159400 |
| 216 - 217 | 64°15'10"SE | 11.23                 | 217             | 499,248.392600 | 2,142,011.281400 |
| 217 - 218 | 62°20'24"SE | 7.85                  | 218             | 499,255.347300 | 2,142,007.636300 |
| 218 - 219 | 55°41'15"SE | 16.24                 | 219             | 499,268.762700 | 2,141,998.480700 |
| 219 - 220 | 40°26'18"SE | 8.63                  | 220             | 499,274.362500 | 2,141,991.909900 |
| 220 - 221 | 27°50'44"SE | 9.92                  | 221             | 499,278.996300 | 2,141,983.138100 |
| 221 - 222 | 41°21'51"SE | 10.19                 | 222             | 499,285.731000 | 2,141,975.489500 |
| 222 - 223 | 44°36'33"SE | 21.04                 | 223             | 499,300.503800 | 2,141,960.513800 |
| 223 - 224 | 59°40'19"SE | 9.36                  | 224             | 499,308.580800 | 2,141,955.788700 |
| 224 - 225 | 16°41'18"SE | 7.82                  | 225             | 499,310.825700 | 2,141,948.300600 |
| 225 - 226 | 44°53'08"SE | 8.54                  | 226             | 499,316.855100 | 2,141,942.247100 |
| 226 - 227 | 78°38'10"NE | 10.78                 | 227             | 499,327.420000 | 2,141,944.370400 |
| 227 - 228 | 45°56'07"SE | 9.44                  | 228             | 499,334.204300 | 2,141,937.804100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 228 - 229 | 43°34'15"SE | 28.31                 | 229             | 499,353.714300 | 2,141,917.295700 |
| 229 - 230 | 46°51'54"SE | 12.38                 | 230             | 499,362.745400 | 2,141,908.834200 |
| 230 - 231 | 52°19'51"SE | 20.30                 | 231             | 499,378.812700 | 2,141,896.429800 |
| 231 - 232 | 48°07'31"SE | 8.53                  | 232             | 499,385.167800 | 2,141,890.732800 |
| 232 - 233 | 52°55'42"SE | 9.81                  | 233             | 499,392.997600 | 2,141,884.817300 |
| 233 - 234 | 50°15'59"SE | 11.67                 | 234             | 499,401.971600 | 2,141,877.358100 |
| 234 - 235 | 46°02'07"SE | 24.83                 | 235             | 499,419.846600 | 2,141,860.117700 |
| 235 - 236 | 33°03'10"SE | 8.49                  | 236             | 499,424.477500 | 2,141,853.001100 |
| 236 - 237 | 16°19'20"SE | 11.58                 | 237             | 499,427.731200 | 2,141,841.890500 |
| 237 - 238 | 45°37'33"SE | 13.57                 | 238             | 499,437.427400 | 2,141,832.403900 |
| 238 - 239 | 46°56'05"SE | 14.92                 | 239             | 499,448.326100 | 2,141,822.217500 |
| 239 - 240 | 52°27'49"SE | 13.74                 | 240             | 499,459.219800 | 2,141,813.847500 |
| 240 - 241 | 63°18'17"SE | 16.41                 | 241             | 499,473.881100 | 2,141,806.475200 |
| 241 - 242 | 68°40'20"SE | 9.84                  | 242             | 499,483.043900 | 2,141,802.897700 |
| 242 - 243 | 82°36'03"SE | 1.94                  | 243             | 499,484.962900 | 2,141,802.648500 |
| 243 - 244 | 44°35'10"SE | 8.32                  | 244             | 499,490.804000 | 2,141,796.722400 |
| 244 - 245 | 52°10'07"SE | 9.91                  | 245             | 499,498.631400 | 2,141,790.644000 |
| 245 - 246 | 61°35'26"SE | 18.87                 | 246             | 499,515.225900 | 2,141,781.667900 |
| 246 - 247 | 28°14'57"SE | 5.77                  | 247             | 499,517.957000 | 2,141,776.584900 |
| 247 - 248 | 06°21'46"SW | 3.30                  | 248             | 499,517.591200 | 2,141,773.304500 |
| 248 - 249 | 44°20'17"SE | 16.42                 | 249             | 499,529.064200 | 2,141,761.563400 |
| 249 - 250 | 58°48'35"SE | 16.55                 | 250             | 499,543.222400 | 2,141,752.992200 |
| 250 - 251 | 36°53'10"SE | 30.46                 | 251             | 499,561.504500 | 2,141,728.630600 |
| 251 - 252 | 75°03'15"SE | 13.46                 | 252             | 499,574.505500 | 2,141,725.160200 |
| 252 - 253 | 58°46'53"SE | 17.03                 | 253             | 499,589.071800 | 2,141,716.332100 |
| 253 - 254 | 43°12'26"SE | 17.40                 | 254             | 499,600.983400 | 2,141,703.650800 |
| 254 - 255 | 41°16'05"SE | 16.16                 | 255             | 499,611.642900 | 2,141,691.503700 |
| 255 - 256 | 68°46'46"SE | 14.81                 | 256             | 499,625.445200 | 2,141,686.144500 |
| 256 - 257 | 50°21'32"SE | 19.58                 | 257             | 499,640.524200 | 2,141,673.651900 |
| 257 - 258 | 53°03'57"SE | 20.55                 | 258             | 499,656.953000 | 2,141,661.301500 |
| 258 - 259 | 56°47'49"SE | 18.97                 | 259             | 499,672.821900 | 2,141,650.916000 |
| 259 - 260 | 48°45'33"SE | 19.02                 | 260             | 499,687.122900 | 2,141,638.378500 |
| 260 - 261 | 55°02'03"SE | 19.11                 | 261             | 499,702.781200 | 2,141,627.428400 |
| 261 - 262 | 53°21'00"SE | 17.56                 | 262             | 499,716.865600 | 2,141,616.949400 |
| 262 - 263 | 54°23'51"SE | 22.32                 | 263             | 499,735.012200 | 2,141,603.956600 |
| 263 - 264 | 46°21'48"SE | 22.09                 | 264             | 499,750.998700 | 2,141,588.713400 |
| 264 - 265 | 59°21'45"SE | 13.77                 | 265             | 499,762.844500 | 2,141,581.697400 |
| 265 - 266 | 54°50'20"SE | 15.67                 | 266             | 499,775.657800 | 2,141,572.671700 |
| 266 - 267 | 58°40'01"SE | 16.57                 | 267             | 499,789.807300 | 2,141,564.057500 |
| 267 - 268 | 46°20'40"SE | 14.35                 | 268             | 499,800.186800 | 2,141,554.154100 |
| 268 - 269 | 54°36'09"SE | 13.92                 | 269             | 499,811.533400 | 2,141,546.091300 |
| 269 - 270 | 59°28'52"SE | 18.83                 | 270             | 499,827.753500 | 2,141,536.529800 |
| 270 - 271 | 48°53'42"SE | 18.33                 | 271             | 499,841.562700 | 2,141,524.481200 |
| 271 - 272 | 56°27'18"SE | 20.70                 | 272             | 499,858.812100 | 2,141,513.044600 |
| 272 - 273 | 51°46'59"SE | 21.33                 | 273             | 499,875.567700 | 2,141,499.851300 |
| 273 - 274 | 49°49'19"SE | 18.21                 | 274             | 499,889.483700 | 2,141,488.100600 |
| 274 - 275 | 54°05'39"SE | 14.37                 | 275             | 499,901.122700 | 2,141,479.673600 |
| 275 - 276 | 58°09'44"SE | 15.19                 | 276             | 499,914.029200 | 2,141,471.659500 |
| 276 - 277 | 51°38'47"SE | 18.20                 | 277             | 499,928.305300 | 2,141,460.363300 |
| 277 - 278 | 57°50'59"SE | 20.49                 | 278             | 499,945.653400 | 2,141,449.459700 |
| 278 - 279 | 59°41'45"SE | 16.68                 | 279             | 499,960.054200 | 2,141,441.043200 |
| 279 - 280 | 44°52'30"SE | 13.59                 | 280             | 499,969.639300 | 2,141,431.416200 |
| 280 - 281 | 64°36'03"SE | 15.75                 | 281             | 499,983.863800 | 2,141,424.662200 |
| 281 - 282 | 55°39'04"SE | 17.28                 | 282             | 499,998.133900 | 2,141,414.910000 |
| 282 - 283 | 45°17'21"SE | 17.25                 | 283             | 500,010.394500 | 2,141,402.772600 |
| 283 - 284 | 57°31'19"SE | 13.54                 | 284             | 500,021.819000 | 2,141,395.500600 |
| 284 - 285 | 67°20'57"SE | 13.00                 | 285             | 500,033.816200 | 2,141,390.494200 |
| 285 - 286 | 55°15'06"SE | 16.14                 | 286             | 500,047.076000 | 2,141,381.296200 |
| 286 - 287 | 53°18'51"SE | 17.77                 | 287             | 500,061.323300 | 2,141,370.682100 |

| Est-PV                                                                                                                                                                               | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------|----------------|------------------|
|                                                                                                                                                                                      |             |                       |                 | X              | Y                |
| 287 - 288                                                                                                                                                                            | 55°00'35"SE | 56.80                 | 288             | 500,107.852700 | 2,141,338.113700 |
| 288 - 289                                                                                                                                                                            | 56°52'29"SE | 19.19                 | 289             | 500,123.920900 | 2,141,327.628900 |
| 289 - 290                                                                                                                                                                            | 58°10'56"SE | 42.56                 | 290             | 500,160.087600 | 2,141,305.189200 |
| 290 - 291                                                                                                                                                                            | 56°31'16"SE | 21.74                 | 291             | 500,178.217300 | 2,141,293.199100 |
| 291 - 292                                                                                                                                                                            | 49°06'52"SE | 14.54                 | 292             | 500,189.211500 | 2,141,283.680500 |
| 292 - 293                                                                                                                                                                            | 54°37'14"SE | 13.60                 | 293             | 500,200.296800 | 2,141,275.808600 |
| 293 - 294                                                                                                                                                                            | 73°33'22"SE | 15.31                 | 294             | 500,214.980300 | 2,141,271.474800 |
| 294 - 295                                                                                                                                                                            | 89°56'33"SE | 15.66                 | 295             | 500,230.644300 | 2,141,271.459100 |
| 295 - 296                                                                                                                                                                            | 68°22'13"SE | 6.16                  | 296             | 500,236.371300 | 2,141,269.188200 |
| 296 - 297                                                                                                                                                                            | 72°22'10"SE | 11.75                 | 297             | 500,247.569100 | 2,141,265.629500 |
| 297 - 298                                                                                                                                                                            | 70°18'57"SE | 10.22                 | 298             | 500,257.189000 | 2,141,262.188100 |
| 298 - 299                                                                                                                                                                            | 48°49'30"SE | 9.65                  | 299             | 500,264.452200 | 2,141,255.835300 |
| 299 - 300                                                                                                                                                                            | 33°57'55"SE | 11.92                 | 300             | 500,271.112700 | 2,141,245.947800 |
| 300 - 301                                                                                                                                                                            | 70°18'18"SE | 10.25                 | 301             | 500,280.760400 | 2,141,242.494400 |
| 301 - 302                                                                                                                                                                            | 56°43'11"SE | 9.97                  | 302             | 500,289.091500 | 2,141,237.026000 |
| 302 - 303                                                                                                                                                                            | 75°58'58"SE | 8.86                  | 303             | 500,297.686900 | 2,141,234.880200 |
| 303 - 304                                                                                                                                                                            | 84°45'06"NE | 10.26                 | 304             | 500,307.903200 | 2,141,235.818600 |
| 304 - 305                                                                                                                                                                            | 49°33'42"SE | 8.89                  | 305             | 500,314.666000 | 2,141,230.055200 |
| 305 - 306                                                                                                                                                                            | 20°35'20"SE | 8.91                  | 306             | 500,317.799400 | 2,141,221.714100 |
| 306 - 307                                                                                                                                                                            | 13°36'15"SW | 7.00                  | 307             | 500,316.152100 | 2,141,214.907200 |
| 307 - 308                                                                                                                                                                            | 31°07'06"SE | 13.30                 | 308             | 500,323.027100 | 2,141,203.518700 |
| 308 - 309                                                                                                                                                                            | 37°10'00"SE | 14.04                 | 309             | 500,331.511800 | 2,141,192.327100 |
| 309 - 310                                                                                                                                                                            | 40°56'00"SE | 14.63                 | 310             | 500,341.099400 | 2,141,181.271900 |
| 310 - 311                                                                                                                                                                            | 47°11'09"SE | 15.13                 | 311             | 500,352.201100 | 2,141,170.986600 |
| 311 - 312                                                                                                                                                                            | 52°49'03"SE | 26.81                 | 312             | 500,373.559400 | 2,141,154.785200 |
| 312 - 313                                                                                                                                                                            | 29°15'03"SE | 11.88                 | 313             | 500,379.362900 | 2,141,144.422700 |
| 313 - 314                                                                                                                                                                            | 21°30'00"SE | 12.21                 | 314             | 500,383.839400 | 2,141,133.058500 |
| 314 - 315                                                                                                                                                                            | 33°39'58"SE | 11.60                 | 315             | 500,390.271900 | 2,141,123.401100 |
| 315 - 316                                                                                                                                                                            | 30°40'09"SE | 12.96                 | 316             | 500,396.881300 | 2,141,112.256000 |
| 316 - 317                                                                                                                                                                            | 26°01'47"SE | 13.47                 | 317             | 500,402.794400 | 2,141,100.148300 |
| 317 - 318                                                                                                                                                                            | 10°20'28"SE | 12.89                 | 318             | 500,405.108000 | 2,141,087.469200 |
| 318 - 319                                                                                                                                                                            | 02°14'35"SE | 12.47                 | 319             | 500,405.596100 | 2,141,075.009100 |
| 319 - 320                                                                                                                                                                            | 37°53'29"SE | 13.43                 | 320             | 500,413.847400 | 2,141,064.406600 |
| 320 - 321                                                                                                                                                                            | 45°15'04"SE | 14.51                 | 321             | 500,424.153600 | 2,141,054.190400 |
| 321 - 322                                                                                                                                                                            | 29°52'50"SE | 13.32                 | 322             | 500,430.787200 | 2,141,042.645200 |
| 322 - 323                                                                                                                                                                            | 49°38'33"SE | 30.87                 | 323             | 500,454.308900 | 2,141,022.656900 |
| 323 - 324                                                                                                                                                                            | 45°19'09"SE | 18.52                 | 324             | 500,467.475800 | 2,141,009.635900 |
| 324 - 325                                                                                                                                                                            | 46°30'46"SE | 19.23                 | 325             | 500,481.430000 | 2,140,996.399800 |
| 325 - 326                                                                                                                                                                            | 42°03'43"SE | 18.64                 | 326             | 500,493.918400 | 2,140,982.560200 |
| 326 - 327                                                                                                                                                                            | 43°37'34"SE | 18.65                 | 327             | 500,506.785600 | 2,140,969.060700 |
| 327 - 328                                                                                                                                                                            | 36°56'07"SE | 17.19                 | 328             | 500,517.114100 | 2,140,955.322100 |
| 328 - 329                                                                                                                                                                            | 41°33'07"SE | 19.03                 | 329             | 500,529.739100 | 2,140,941.078200 |
| 329 - 330                                                                                                                                                                            | 17°39'01"SE | 9.67                  | 330             | 500,532.672500 | 2,140,931.859100 |
| 330 - 331                                                                                                                                                                            | 29°28'33"SE | 11.07                 | 331             | 500,538.120200 | 2,140,922.220900 |
| 331 - 332                                                                                                                                                                            | 22°06'34"SE | 14.47                 | 332             | 500,543.567900 | 2,140,908.811200 |
| 332 - 333                                                                                                                                                                            | 29°28'31"SE | 11.07                 | 333             | 500,549.015500 | 2,140,899.173000 |
| 333 - 334                                                                                                                                                                            | 05°26'25"SE | 8.84                  | 334             | 500,549.853600 | 2,140,890.372900 |
| 334 - 335                                                                                                                                                                            | 24°58'23"SW | 15.97                 | 335             | 500,543.112900 | 2,140,875.899800 |
| 335 - 336                                                                                                                                                                            | 00°03'51"SE | 10.79                 | 336             | 500,543.125000 | 2,140,865.108800 |
| 336 - 337                                                                                                                                                                            | 04°19'12"SW | 4.12                  | 337             | 500,542.814900 | 2,140,861.004000 |
| 337 - 338                                                                                                                                                                            | 48°48'50"SW | 2.86                  | 338             | 500,540.664500 | 2,140,859.122400 |
| 338 - 339                                                                                                                                                                            | 77°56'11"SW | 4.55                  | 339             | 500,536.219300 | 2,140,858.172400 |
| 339 - 340                                                                                                                                                                            | 70°42'46"NW | 3.74                  | 340             | 500,532.685000 | 2,140,859.409200 |
| A partir de este vértice 340 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 3,211.63 metros hasta llegar al vértice 341. |             |                       |                 |                |                  |
|                                                                                                                                                                                      |             |                       | 341             | 498,126.898100 | 2,142,858.931300 |
| 341 - 342                                                                                                                                                                            | 40°14'11"NE | 10.09                 | 342             | 498,133.412600 | 2,142,866.630200 |
| 342 - 343                                                                                                                                                                            | 45°00'02"NE | 6.70                  | 343             | 498,138.150400 | 2,142,871.367900 |
| 343-1                                                                                                                                                                                | 63°26'04"NE | 7.95                  | 1               |                |                  |

**Zona de Amortiguamiento****“Río Cuitzmala”****(Superficie 4-41-90.39 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|-----------------|----------------|------------------|
|         |             |                       |                 | X              | Y                |
| 1 - 2   | 55°07'15"SE | 28.94                 | 1               | 500,084.108400 | 2,141,354.665200 |
| 2 - 3   | 56°52'28"SE | 19.19                 | 2               | 500,107.852700 | 2,141,338.113900 |
| 3 - 4   | 58°10'56"SE | 42.56                 | 3               | 500,123.920900 | 2,141,327.629000 |
| 4 - 5   | 56°31'17"SE | 21.74                 | 4               | 500,160.087500 | 2,141,305.189400 |
| 5 - 6   | 49°06'52"SE | 14.54                 | 5               | 500,178.217300 | 2,141,293.199300 |
| 6 - 7   | 54°37'13"SE | 13.60                 | 6               | 500,189.211500 | 2,141,283.680700 |
| 7 - 8   | 73°33'22"SE | 15.31                 | 7               | 500,200.296800 | 2,141,275.808700 |
| 8 - 9   | 89°56'34"SE | 15.66                 | 8               | 500,214.980300 | 2,141,271.474900 |
| 9 - 10  | 68°22'13"SE | 6.16                  | 9               | 500,230.644300 | 2,141,271.459300 |
| 10 - 11 | 72°22'10"SE | 11.75                 | 10              | 500,236.371300 | 2,141,269.188400 |
| 11 - 12 | 70°18'55"SE | 10.22                 | 11              | 500,247.569100 | 2,141,265.629700 |
| 12 - 13 | 48°49'30"SE | 9.65                  | 12              | 500,257.189000 | 2,141,262.188200 |
| 13 - 14 | 33°57'55"SE | 11.92                 | 13              | 500,264.452200 | 2,141,255.835400 |
| 14 - 15 | 70°18'18"SE | 10.25                 | 14              | 500,271.112700 | 2,141,245.947900 |
| 15 - 16 | 56°43'12"SE | 9.97                  | 15              | 500,280.760400 | 2,141,242.494500 |
| 16 - 17 | 75°58'56"SE | 8.86                  | 16              | 500,289.091500 | 2,141,237.026200 |
| 17 - 18 | 84°45'06"NE | 10.26                 | 17              | 500,297.686900 | 2,141,234.880300 |
| 18 - 19 | 49°33'43"SE | 8.89                  | 18              | 500,307.903200 | 2,141,235.818700 |
| 19 - 20 | 20°35'20"SE | 8.91                  | 19              | 500,314.666000 | 2,141,230.055400 |
| 20 - 21 | 13°36'15"SW | 7.00                  | 20              | 500,317.799400 | 2,141,221.714300 |
| 21 - 22 | 31°07'04"SE | 13.30                 | 21              | 500,316.152100 | 2,141,214.907400 |
| 22 - 23 | 37°10'01"SE | 14.04                 | 22              | 500,323.027000 | 2,141,203.518800 |
| 23 - 24 | 40°56'01"SE | 14.63                 | 23              | 500,331.511700 | 2,141,192.327300 |
| 24 - 25 | 47°11'08"SE | 15.13                 | 24              | 500,341.099400 | 2,141,181.272100 |
| 25 - 26 | 52°49'03"SE | 26.81                 | 25              | 500,352.201000 | 2,141,170.986800 |
| 26 - 27 | 29°15'01"SE | 11.88                 | 26              | 500,373.559400 | 2,141,154.785300 |
| 27 - 28 | 21°30'01"SE | 12.21                 | 27              | 500,379.362800 | 2,141,144.422800 |
| 28 - 29 | 33°39'58"SE | 11.60                 | 28              | 500,383.839400 | 2,141,133.058600 |
| 29 - 30 | 30°40'09"SE | 12.96                 | 29              | 500,390.271900 | 2,141,123.401200 |
| 30 - 31 | 26°01'47"SE | 13.47                 | 30              | 500,396.881300 | 2,141,112.256100 |
| 31 - 32 | 10°20'28"SE | 12.89                 | 31              | 500,402.794400 | 2,141,100.148400 |
| 32 - 33 | 02°14'35"SE | 12.47                 | 32              | 500,405.108000 | 2,141,087.469300 |
| 33 - 34 | 37°53'27"SE | 13.43                 | 33              | 500,405.596100 | 2,141,075.009300 |
| 34 - 35 | 45°15'06"SE | 14.51                 | 34              | 500,413.847300 | 2,141,064.406700 |
| 35 - 36 | 29°52'48"SE | 13.32                 | 35              | 500,424.153600 | 2,141,054.190600 |
| 36 - 37 | 49°38'34"SE | 30.87                 | 36              | 500,430.787100 | 2,141,042.645300 |
| 37 - 38 | 45°19'08"SE | 18.52                 | 37              | 500,454.308900 | 2,141,022.657100 |
| 38 - 39 | 46°30'46"SE | 19.23                 | 38              | 500,467.475800 | 2,141,009.636000 |
| 39 - 40 | 42°03'41"SE | 18.64                 | 39              | 500,481.430000 | 2,140,996.400000 |
| 40 - 41 | 43°37'34"SE | 18.65                 | 40              | 500,493.918300 | 2,140,982.560300 |
| 41 - 42 | 36°56'08"SE | 17.19                 | 41              | 500,506.785500 | 2,140,969.060800 |
| 42 - 43 | 41°33'07"SE | 19.03                 | 42              | 500,517.114100 | 2,140,955.322200 |
| 43 - 44 | 17°39'00"SE | 9.67                  | 43              | 500,529.739100 | 2,140,941.078400 |
| 44 - 45 | 29°28'33"SE | 11.07                 | 44              | 500,532.672500 | 2,140,931.859200 |
| 45 - 46 | 22°06'33"SE | 14.47                 | 45              | 500,538.120200 | 2,140,922.221000 |
| 46 - 47 | 29°28'33"SE | 11.07                 | 46              | 500,543.567800 | 2,140,908.811400 |
| 47 - 48 | 05°26'25"SE | 8.84                  | 47              | 500,549.015500 | 2,140,899.173200 |
| 48 - 49 | 24°58'23"SW | 15.97                 | 48              | 500,549.853600 | 2,140,890.373100 |
| 49 - 50 | 00°03'49"SE | 10.79                 | 49              | 500,543.112900 | 2,140,875.900000 |
| 50 - 51 | 04°19'07"SW | 4.12                  | 50              | 500,543.124900 | 2,140,865.108900 |
| 51 - 52 | 48°48'55"SW | 2.86                  | 51              | 500,542.814900 | 2,140,861.004100 |
| 52 - 53 | 77°56'10"SW | 4.55                  | 52              | 500,540.664400 | 2,140,859.122500 |
| 53 - 54 | 70°42'41"NW | 3.74                  | 53              | 500,536.219300 | 2,140,858.172500 |
|         |             |                       | 54              | 500,532.685000 | 2,140,859.409400 |

A partir de este vértice 54 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 671.20 metros hasta llegar al vértice 55.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 55 | 500,045.996200 | 2,141,307.645300 |
| 55 - 1 | 39°01'35"NE | 60.53 | 1  |                |                  |



**Zona Núcleo**  
**“Villas la Loma”**

**(Superficie 9-37-53.99 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|---------|-------------|-----------------------|-----------------|----------------|------------------|
|         |             |                       |                 | X              | Y                |
| 1 - 2   | 86°38'01"SE | 10.09                 | 1               | 498,145.257000 | 2,142,874.921400 |
| 2 - 3   | 84°17'22"SE | 5.95                  | 2               | 498,155.324800 | 2,142,874.329200 |
| 3 - 4   | 79°41'43"NE | 6.62                  | 3               | 498,161.247100 | 2,142,873.737000 |
| 4 - 5   | 77°00'18"SE | 7.90                  | 4               | 498,167.761500 | 2,142,874.921400 |
| 5 - 6   | 84°48'20"SE | 6.54                  | 5               | 498,175.460400 | 2,142,873.144700 |
| 6 - 7   | 75°57'49"SE | 9.77                  | 6               | 498,181.974900 | 2,142,872.552500 |
| 7 - 8   | 32°00'21"SE | 5.59                  | 7               | 498,191.450400 | 2,142,870.183600 |
| 8 - 9   | 07°16'56"SW | 4.81                  | 8               | 498,194.411600 | 2,142,865.445800 |
| 9 - 10  | 66°58'09"SE | 11.20                 | 9               | 498,193.801700 | 2,142,860.673200 |
| 10 - 11 | 52°36'55"SE | 4.41                  | 10              | 498,204.113200 | 2,142,856.289700 |
| 11 - 12 | 52°36'55"SE | 4.41                  | 11              | 498,207.616900 | 2,142,853.612400 |
| 12 - 13 | 35°41'50"SE | 5.33                  | 12              | 498,210.725000 | 2,142,849.286600 |
| 13 - 14 | 85°08'59"SE | 5.61                  | 13              | 498,216.319300 | 2,142,848.811900 |
| 14 - 15 | 46°52'28"SE | 4.10                  | 14              | 498,219.312300 | 2,142,846.008600 |
| 15 - 16 | 28°37'43"SE | 5.61                  | 15              | 498,222.000200 | 2,142,841.084500 |
| 16 - 17 | 32°42'32"SE | 5.84                  | 16              | 498,225.155500 | 2,142,836.171300 |
| 17 - 18 | 44°05'09"SE | 5.36                  | 17              | 498,228.884500 | 2,142,832.321400 |
| 18 - 19 | 53°33'24"SE | 5.40                  | 18              | 498,233.230500 | 2,142,829.112200 |
| 19 - 20 | 37°46'22"SE | 5.10                  | 19              | 498,236.356600 | 2,142,825.078100 |
| 20 - 21 | 40°55'21"SE | 6.07                  | 20              | 498,240.333500 | 2,142,820.490700 |
| 21 - 22 | 27°45'58"SE | 5.03                  | 21              | 498,242.679100 | 2,142,816.035500 |
| 22 - 23 | 46°26'53"SE | 5.63                  | 22              | 498,246.759200 | 2,142,812.156600 |
| 23 - 24 | 55°32'42"SE | 5.33                  | 23              | 498,251.154200 | 2,142,809.141100 |
| 24 - 25 | 48°23'57"SE | 5.52                  | 24              | 498,255.284100 | 2,142,805.474300 |
| 25 - 26 | 38°29'22"SE | 5.66                  | 25              | 498,258.809200 | 2,142,801.041000 |
| 26 - 27 | 42°09'47"SE | 5.74                  | 26              | 498,262.664700 | 2,142,796.783500 |
| 27 - 28 | 49°45'34"SE | 16.80                 | 27              | 498,275.492000 | 2,142,785.928100 |
| 28 - 29 | 53°11'49"SE | 5.72                  | 28              | 498,280.071800 | 2,142,782.501600 |
| 29 - 30 | 60°52'22"SE | 5.37                  | 29              | 498,284.761200 | 2,142,779.888600 |
| 30 - 31 | 49°15'17"SE | 5.63                  | 30              | 498,289.030100 | 2,142,776.210900 |
| 31 - 32 | 57°24'01"SE | 15.85                 | 31              | 498,302.382900 | 2,142,767.671600 |
| 32 - 33 | 47°12'59"SE | 5.82                  | 32              | 498,306.656800 | 2,142,763.716200 |
| 33 - 34 | 39°33'43"SE | 5.50                  | 33              | 498,310.157300 | 2,142,759.479100 |
| 34 - 35 | 45°47'34"SE | 5.77                  | 34              | 498,314.292400 | 2,142,755.456900 |
| 35 - 36 | 47°57'32"SE | 5.81                  | 35              | 498,318.610900 | 2,142,751.562900 |
| 36 - 37 | 54°33'53"SE | 5.55                  | 36              | 498,323.130100 | 2,142,748.347100 |
| 37 - 38 | 60°42'44"SE | 5.53                  | 37              | 498,327.949600 | 2,142,745.643900 |
| 38 - 39 | 72°50'28"SE | 10.70                 | 38              | 498,338.174600 | 2,142,742.486800 |
| 39 - 40 | 69°13'26"SE | 5.14                  | 39              | 498,342.983200 | 2,142,740.662500 |
| 40 - 41 | 75°35'25"SE | 6.55                  | 40              | 498,349.331900 | 2,142,739.031300 |
| 41 - 42 | 69°21'05"SE | 6.41                  | 41              | 498,355.326500 | 2,142,736.772300 |
| 42 - 43 | 54°18'42"SE | 6.21                  | 42              | 498,360.369400 | 2,142,733.150200 |
| 43 - 44 | 37°26'39"SE | 5.01                  | 43              | 498,363.415700 | 2,142,729.172200 |
| 44 - 45 | 26°19'33"SE | 5.43                  | 44              | 498,365.825900 | 2,142,724.301100 |
| 45 - 46 | 40°51'58"SE | 5.70                  | 45              | 498,369.557400 | 2,142,719.988200 |
| 46 - 47 | 16°04'30"SE | 4.40                  | 46              | 498,370.775800 | 2,142,715.760100 |
| 47 - 48 | 22°04'22"SE | 2.35                  | 47              | 498,371.657700 | 2,142,713.585300 |
| 48 - 49 | 27°39'00"SE | 4.61                  | 48              | 498,373.796800 | 2,142,709.502300 |
| 49 - 50 | 61°16'32"SE | 8.86                  | 49              | 498,381.568400 | 2,142,705.243200 |
| 50 - 51 | 05°01'41"SE | 4.50                  | 50              | 498,381.963000 | 2,142,700.758200 |
| 51 - 52 | 04°24'03"SW | 6.91                  | 51              | 498,381.432700 | 2,142,693.867800 |
| 52 - 53 | 16°24'42"SE | 9.40                  | 52              | 498,384.088800 | 2,142,684.850000 |
| 53 - 54 | 05°30'37"SE | 4.74                  | 53              | 498,384.543800 | 2,142,680.133600 |
| 54 - 55 | 13°37'22"SE | 4.77                  | 54              | 498,385.666200 | 2,142,675.502300 |
| 55 - 56 | 81°49'29"SE | 4.05                  | 55              | 498,389.674300 | 2,142,674.926500 |
| 56 - 57 | 70°49'39"SE | 1.48                  | 56              | 498,391.069200 | 2,142,674.441500 |
| 57 - 58 | 05°02'02"SE | 4.78                  | 57              | 498,391.488300 | 2,142,669.683800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 57 - 58   | 81°21'21"NE | 6.13                  | 58              | 498,397.544100 | 2,142,670.604400 |
| 58 - 59   | 90°00'00"NE | 7.70                  | 59              | 498,405.243000 | 2,142,670.604400 |
| 59 - 60   | 65°33'21"SE | 7.16                  | 60              | 498,411.757400 | 2,142,667.643300 |
| 60 - 61   | 48°00'47"SE | 7.97                  | 61              | 498,417.679700 | 2,142,662.313300 |
| 61 - 62   | 73°18'04"SE | 6.18                  | 62              | 498,423.601900 | 2,142,660.536700 |
| 62 - 63   | 66°48'08"NE | 4.51                  | 63              | 498,427.747500 | 2,142,662.313300 |
| 63 - 64   | 77°28'14"NE | 5.46                  | 64              | 498,433.077500 | 2,142,663.497800 |
| 64 - 65   | 70°05'51"SE | 5.07                  | 65              | 498,437.841900 | 2,142,661.772900 |
| 65 - 66   | 45°38'37"NE | 5.01                  | 66              | 498,441.423700 | 2,142,665.275100 |
| 66 - 67   | 50°23'23"NE | 5.14                  | 67              | 498,445.387000 | 2,142,668.555000 |
| 67 - 68   | 60°04'25"SE | 3.95                  | 68              | 498,448.811200 | 2,142,666.583900 |
| 68 - 69   | 11°56'57"SE | 5.30                  | 69              | 498,449.908800 | 2,142,661.397600 |
| 69 - 70   | 26°10'12"SW | 4.08                  | 70              | 498,448.108600 | 2,142,657.734300 |
| 70 - 71   | 18°39'25"SW | 4.29                  | 71              | 498,446.735400 | 2,142,653.667300 |
| 71 - 72   | 08°32'14"SW | 3.74                  | 72              | 498,446.180500 | 2,142,649.970900 |
| 72 - 73   | 14°10'16"SE | 4.20                  | 73              | 498,447.207700 | 2,142,645.902900 |
| 73 - 74   | 55°47'34"SE | 3.37                  | 74              | 498,449.998000 | 2,142,644.006100 |
| 74 - 75   | 50°09'35"SE | 3.88                  | 75              | 498,452.976100 | 2,142,641.521300 |
| 75 - 76   | 57°51'00"SE | 2.39                  | 76              | 498,454.999300 | 2,142,640.249700 |
| 76 - 77   | 49°27'13"SE | 4.59                  | 77              | 498,458.490200 | 2,142,637.263300 |
| 77 - 78   | 67°12'56"SE | 5.97                  | 78              | 498,463.998700 | 2,142,634.949500 |
| 78 - 79   | 57°23'57"SE | 4.05                  | 79              | 498,467.412400 | 2,142,632.766300 |
| 79 - 80   | 44°27'12"SE | 4.77                  | 80              | 498,470.751400 | 2,142,629.363000 |
| 80 - 81   | 52°35'47"SE | 5.45                  | 81              | 498,475.084600 | 2,142,626.049600 |
| 81 - 82   | 68°43'03"SE | 1.91                  | 82              | 498,476.862400 | 2,142,625.357100 |
| 82 - 83   | 20°14'53"SW | 0.59                  | 83              | 498,476.656600 | 2,142,624.799200 |
| 83 - 84   | 84°56'51"SE | 4.41                  | 84              | 498,481.047500 | 2,142,624.411000 |
| 84 - 85   | 66°02'14"SE | 5.83                  | 85              | 498,486.377500 | 2,142,622.042100 |
| 85 - 86   | 45°00'02"SE | 6.70                  | 86              | 498,491.115300 | 2,142,617.304400 |
| 86 - 87   | 32°28'16"SE | 7.72                  | 87              | 498,495.260900 | 2,142,610.789900 |
| 87 - 88   | 12°05'41"SE | 8.48                  | 88              | 498,497.037600 | 2,142,602.498800 |
| 88 - 89   | 06°20'23"SE | 5.36                  | 89              | 498,497.629800 | 2,142,597.168800 |
| 89 - 90   | 24°26'37"SE | 7.16                  | 90              | 498,500.590900 | 2,142,590.654300 |
| 90 - 91   | 59°02'08"NE | 6.91                  | 91              | 498,506.513100 | 2,142,594.207700 |
| 91 - 92   | 56°18'36"NE | 6.41                  | 92              | 498,511.843100 | 2,142,597.761000 |
| 92 - 93   | 81°34'22"SE | 16.16                 | 93              | 498,527.833200 | 2,142,595.392100 |
| 93 - 94   | 63°26'04"NE | 9.27                  | 94              | 498,536.124300 | 2,142,599.537700 |
| 94 - 95   | 53°04'04"NE | 8.62                  | 95              | 498,543.012600 | 2,142,604.715600 |
| 95 - 96   | 75°57'51"SE | 8.64                  | 96              | 498,551.393700 | 2,142,602.620400 |
| 96 - 97   | 90°00'00"NE | 9.64                  | 97              | 498,561.031900 | 2,142,602.620400 |
| 97 - 98   | 53°58'21"SE | 11.40                 | 98              | 498,570.251000 | 2,142,595.915600 |
| 98 - 99   | 66°15'01"SE | 11.45                 | 99              | 498,580.727300 | 2,142,591.306000 |
| 99 - 100  | 44°15'21"SE | 22.82                 | 100             | 498,596.651300 | 2,142,574.962900 |
| 100 - 101 | 56°18'35"SE | 12.09                 | 101             | 498,606.708500 | 2,142,568.258100 |
| 101 - 102 | 65°05'42"SE | 12.94                 | 102             | 498,618.442000 | 2,142,562.810400 |
| 102 - 103 | 51°20'25"SE | 10.73                 | 103             | 498,626.823100 | 2,142,556.105600 |
| 103 - 104 | 44°59'58"SE | 7.70                  | 104             | 498,632.270700 | 2,142,550.657900 |
| 104 - 105 | 18°47'57"SE | 4.57                  | 105             | 498,633.743100 | 2,142,546.332600 |
| 105 - 106 | 61°54'44"SE | 6.46                  | 106             | 498,639.444900 | 2,142,543.289700 |
| 106 - 107 | 21°04'42"SE | 7.03                  | 107             | 498,641.972200 | 2,142,536.732700 |
| 107 - 108 | 53°13'14"SE | 9.29                  | 108             | 498,649.409900 | 2,142,531.172800 |
| 108 - 109 | 56°31'32"SE | 8.02                  | 109             | 498,656.102500 | 2,142,526.747400 |
| 109 - 110 | 54°23'40"SE | 9.36                  | 110             | 498,663.708700 | 2,142,521.300800 |
| 110 - 111 | 74°17'06"SE | 9.84                  | 111             | 498,673.181000 | 2,142,518.635600 |
| 111 - 112 | 86°43'28"SE | 10.13                 | 112             | 498,683.294500 | 2,142,518.056800 |
| 112 - 113 | 57°30'30"SE | 9.47                  | 113             | 498,691.280200 | 2,142,512.971000 |
| 113 - 114 | 46°32'43"SE | 11.03                 | 114             | 498,699.289100 | 2,142,505.382900 |
| 114 - 115 | 25°04'07"SE | 12.48                 | 115             | 498,704.576700 | 2,142,494.079000 |
| 115 - 116 | 09°22'14"SE | 9.48                  | 116             | 498,706.120300 | 2,142,484.725300 |
| 116 - 117 | 06°10'33"SE | 11.08                 | 117             | 498,707.312500 | 2,142,473.707700 |
| 117 - 118 | 30°39'51"SE | 10.91                 | 118             | 498,712.876100 | 2,142,464.324200 |
| 118 - 119 | 49°51'16"SE | 10.27                 | 119             | 498,720.729600 | 2,142,457.700300 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 119 - 120 | 04°25'22"SE | 9.17                  | 120             | 498,721.436800 | 2,142,448.557400 |
| 120 - 121 | 17°57'58"SE | 13.82                 | 121             | 498,725.699800 | 2,142,435.410800 |
| 121 - 122 | 00°00'48"SW | 11.59                 | 122             | 498,725.697100 | 2,142,423.824600 |
| 122 - 123 | 40°10'45"SW | 7.67                  | 123             | 498,720.745500 | 2,142,417.960900 |
| 123 - 124 | 04°25'31"SW | 7.77                  | 124             | 498,720.146200 | 2,142,410.217100 |
| 124 - 125 | 64°32'56"SE | 7.60                  | 125             | 498,727.012000 | 2,142,406.949500 |
| 125 - 126 | 44°44'38"NE | 6.46                  | 126             | 498,731.559100 | 2,142,411.537400 |
| 126 - 127 | 10°54'42"NE | 3.74                  | 127             | 498,732.267600 | 2,142,415.212500 |
| 127 - 128 | 44°13'41"NE | 1.96                  | 128             | 498,733.633400 | 2,142,416.615600 |
| 128 - 129 | 11°09'00"NW | 7.26                  | 129             | 498,732.229100 | 2,142,423.740400 |
| 129 - 130 | 52°44'43"SE | 14.29                 | 130             | 498,743.601200 | 2,142,415.091400 |
| 130 - 131 | 22°27'38"NE | 5.00                  | 131             | 498,745.510900 | 2,142,419.710800 |
| 131 - 132 | 07°09'35"NE | 4.82                  | 132             | 498,746.111900 | 2,142,424.495100 |
| 132 - 133 | 40°56'37"SE | 5.63                  | 133             | 498,749.802600 | 2,142,420.241000 |
| 133 - 134 | 67°41'31"SE | 8.81                  | 134             | 498,757.957800 | 2,142,416.895000 |
| 134 - 135 | 08°16'47"SE | 2.65                  | 135             | 498,758.339000 | 2,142,414.275500 |
| 135 - 136 | 26°25'13"SE | 5.34                  | 136             | 498,760.713100 | 2,142,409.497200 |
| 136 - 137 | 10°04'28"SE | 4.81                  | 137             | 498,761.554600 | 2,142,404.760900 |
| 137 - 138 | 50°56'24"SE | 2.91                  | 138             | 498,763.812100 | 2,142,402.928900 |
| 138 - 139 | 64°24'40"NE | 7.44                  | 139             | 498,770.521700 | 2,142,406.142000 |
| 139 - 140 | 11°29'59"SE | 3.50                  | 140             | 498,771.219900 | 2,142,402.710200 |
| 140 - 141 | 20°04'40"SW | 15.85                 | 141             | 498,765.780300 | 2,142,387.828100 |
| 141 - 142 | 38°23'43"SE | 3.16                  | 142             | 498,767.744800 | 2,142,385.349100 |
| 142 - 143 | 50°10'15"SE | 4.34                  | 143             | 498,771.077200 | 2,142,382.569800 |
| 143 - 144 | 73°36'32"SE | 0.96                  | 144             | 498,771.994100 | 2,142,382.300100 |
| 144 - 145 | 15°16'25"SW | 3.91                  | 145             | 498,770.963800 | 2,142,378.527200 |
| 145 - 146 | 23°14'15"SE | 4.98                  | 146             | 498,772.928300 | 2,142,373.952000 |
| 146 - 147 | 00°57'48"SE | 7.83                  | 147             | 498,773.060000 | 2,142,366.120800 |
| 147 - 148 | 45°05'47"SE | 2.06                  | 148             | 498,774.518700 | 2,142,364.667000 |
| 148 - 149 | 54°49'25"SE | 9.20                  | 149             | 498,782.034700 | 2,142,359.369700 |
| 149 - 150 | 36°35'21"NE | 4.92                  | 150             | 498,784.965900 | 2,142,363.318100 |
| 150 - 151 | 44°17'56"NE | 4.57                  | 151             | 498,788.155300 | 2,142,366.586500 |
| 151 - 152 | 71°00'31"NE | 4.68                  | 152             | 498,792.581800 | 2,142,368.109900 |
| 152 - 153 | 28°27'28"NW | 3.31                  | 153             | 498,791.004400 | 2,142,371.020200 |
| 153 - 154 | 49°12'33"NE | 4.00                  | 154             | 498,794.029700 | 2,142,373.630700 |
| 154 - 155 | 56°39'25"NE | 8.03                  | 155             | 498,800.741000 | 2,142,378.046400 |
| 155 - 156 | 48°30'41"NE | 5.72                  | 156             | 498,805.027900 | 2,142,381.837600 |
| 156 - 157 | 53°52'23"SE | 14.60                 | 157             | 498,816.816700 | 2,142,373.232600 |
| 157 - 158 | 68°36'10"NE | 8.56                  | 158             | 498,824.790200 | 2,142,376.356900 |
| 158 - 159 | 21°16'37"NE | 9.45                  | 159             | 498,828.220700 | 2,142,385.166100 |
| 159 - 160 | 23°27'41"NE | 8.75                  | 160             | 498,831.704800 | 2,142,393.193700 |
| 160 - 161 | 70°12'44"SE | 10.68                 | 161             | 498,841.758200 | 2,142,389.576700 |
| 161 - 162 | 35°06'56"SE | 10.38                 | 162             | 498,847.728800 | 2,142,381.086300 |
| 162 - 163 | 40°16'28"SE | 8.14                  | 163             | 498,852.991200 | 2,142,374.875500 |
| 163 - 164 | 09°54'48"SW | 9.56                  | 164             | 498,851.344600 | 2,142,365.454000 |
| 164 - 165 | 17°56'28"SE | 10.30                 | 165             | 498,854.517900 | 2,142,355.653400 |
| 165 - 166 | 51°25'41"SE | 10.78                 | 166             | 498,862.949200 | 2,142,348.929600 |
| 166 - 167 | 69°14'34"SE | 10.51                 | 167             | 498,872.778800 | 2,142,345.204100 |
| 167 - 168 | 58°32'54"SE | 13.46                 | 168             | 498,884.257700 | 2,142,338.183200 |
| 168 - 169 | 80°40'54"SE | 9.12                  | 169             | 498,893.258000 | 2,142,336.706400 |
| 169 - 170 | 58°47'34"NE | 11.64                 | 170             | 498,903.212400 | 2,142,342.736700 |
| 170 - 171 | 81°48'38"NE | 8.45                  | 171             | 498,911.577900 | 2,142,343.940600 |
| 171 - 172 | 77°25'43"SE | 11.19                 | 172             | 498,922.503000 | 2,142,341.504300 |
| 172 - 173 | 85°29'26"NE | 10.67                 | 173             | 498,933.140000 | 2,142,342.343200 |
| 173 - 174 | 81°00'33"SE | 12.27                 | 174             | 498,945.259800 | 2,142,340.425600 |
| 174 - 175 | 33°26'08"SE | 13.21                 | 175             | 498,952.537700 | 2,142,329.403000 |
| 175 - 176 | 40°26'18"SE | 13.35                 | 176             | 498,961.194800 | 2,142,319.244800 |
| 176 - 177 | 51°44'36"SE | 14.26                 | 177             | 498,972.396200 | 2,142,310.412300 |
| 177 - 178 | 38°04'27"SE | 12.82                 | 178             | 498,980.302100 | 2,142,300.320200 |
| 178 - 179 | 28°11'09"SE | 11.97                 | 179             | 498,985.956900 | 2,142,289.767800 |
| 179 - 180 | 09°57'13"SW | 8.41                  | 180             | 498,984.502800 | 2,142,281.482000 |
| 180 - 181 | 28°59'53"SE | 12.01                 | 181             | 498,990.327000 | 2,142,270.974100 |

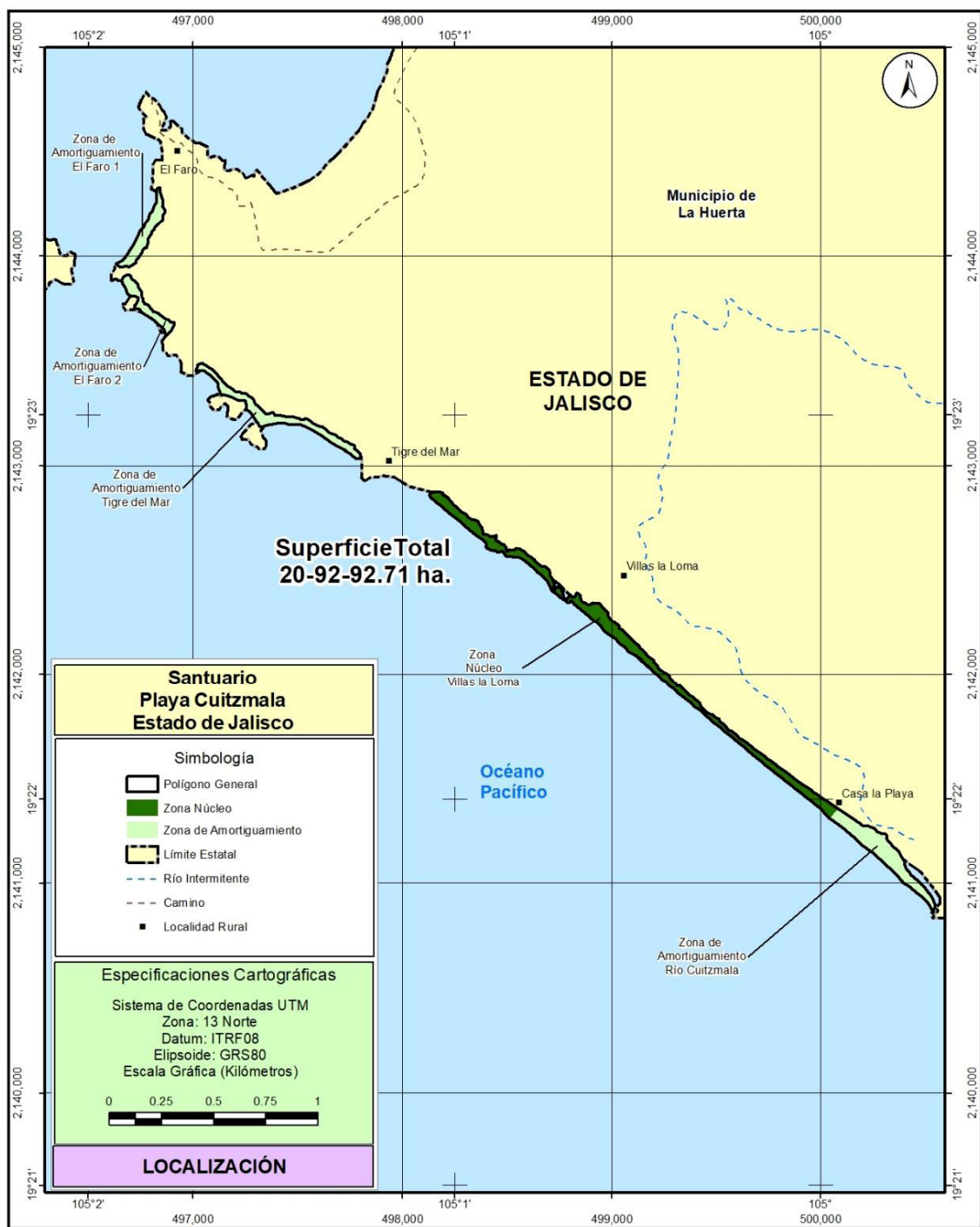
| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 181 - 182 | 39°49'20"SE | 13.93                 | 182             | 498,999.246700 | 2,142,260.276800 |
| 182 - 183 | 63°11'07"SE | 13.49                 | 183             | 499,011.287500 | 2,142,254.190700 |
| 183 - 184 | 48°39'50"SE | 13.71                 | 184             | 499,021.579400 | 2,142,245.137600 |
| 184 - 185 | 53°35'51"SE | 12.91                 | 185             | 499,031.973000 | 2,142,237.474100 |
| 185 - 186 | 43°35'32"SE | 10.78                 | 186             | 499,039.405900 | 2,142,229.666700 |
| 186 - 187 | 20°02'48"SW | 10.33                 | 187             | 499,035.866400 | 2,142,219.966600 |
| 187 - 188 | 70°28'00"SE | 7.68                  | 188             | 499,043.100600 | 2,142,217.400100 |
| 188 - 189 | 56°05'35"SE | 9.49                  | 189             | 499,050.979300 | 2,142,212.104500 |
| 189 - 190 | 51°59'42"SE | 12.68                 | 190             | 499,060.971000 | 2,142,204.296800 |
| 190 - 191 | 31°57'21"SE | 12.89                 | 191             | 499,067.792400 | 2,142,193.361600 |
| 191 - 192 | 51°35'20"SE | 13.34                 | 192             | 499,078.242900 | 2,142,185.075400 |
| 192 - 193 | 42°33'05"SE | 13.35                 | 193             | 499,087.271200 | 2,142,175.240500 |
| 193 - 194 | 56°28'12"SE | 11.82                 | 194             | 499,097.120700 | 2,142,168.713900 |
| 194 - 195 | 34°37'24"SE | 13.27                 | 195             | 499,104.659500 | 2,142,157.795400 |
| 195 - 196 | 55°12'41"SE | 12.89                 | 196             | 499,115.248800 | 2,142,150.438800 |
| 196 - 197 | 45°28'33"SE | 10.99                 | 197             | 499,123.081200 | 2,142,142.735500 |
| 197 - 198 | 87°58'07"SE | 3.93                  | 198             | 499,127.005800 | 2,142,142.596300 |
| 198 - 199 | 40°37'38"SE | 1.09                  | 199             | 499,127.716600 | 2,142,141.767800 |
| 199 - 200 | 28°38'14"SE | 9.51                  | 200             | 499,132.272600 | 2,142,133.424500 |
| 200 - 201 | 39°46'27"SE | 9.05                  | 201             | 499,138.062100 | 2,142,126.469400 |
| 201 - 202 | 44°40'15"SE | 20.44                 | 202             | 499,152.429200 | 2,142,111.936300 |
| 202 - 203 | 49°46'27"SE | 10.76                 | 203             | 499,160.646200 | 2,142,104.986100 |
| 203 - 204 | 53°40'38"SE | 9.69                  | 204             | 499,168.449600 | 2,142,099.249200 |
| 204 - 205 | 03°44'52"SE | 7.84                  | 205             | 499,168.962100 | 2,142,091.425700 |
| 205 - 206 | 52°59'49"SE | 26.37                 | 206             | 499,190.022300 | 2,142,075.554100 |
| 206 - 207 | 47°13'23"SE | 13.48                 | 207             | 499,199.919300 | 2,142,066.396800 |
| 207 - 208 | 24°13'38"SE | 8.76                  | 208             | 499,203.514100 | 2,142,058.408200 |
| 208 - 209 | 84°12'15"NW | 0.94                  | 209             | 499,202.582100 | 2,142,058.502800 |
| 209 - 210 | 56°06'38"SE | 12.25                 | 210             | 499,212.752400 | 2,142,051.671400 |
| 210 - 211 | 24°09'16"SE | 7.73                  | 211             | 499,215.916800 | 2,142,044.615300 |
| 211 - 212 | 48°35'40"SE | 6.66                  | 212             | 499,220.908600 | 2,142,040.213600 |
| 212 - 213 | 17°36'09"SE | 7.75                  | 213             | 499,223.250900 | 2,142,032.830900 |
| 213 - 214 | 46°27'33"SE | 6.34                  | 214             | 499,227.843800 | 2,142,028.466200 |
| 214 - 215 | 42°53'14"SE | 8.22                  | 215             | 499,233.439100 | 2,142,022.442300 |
| 215 - 216 | 37°36'15"SE | 7.93                  | 216             | 499,238.278200 | 2,142,016.159600 |
| 216 - 217 | 64°15'09"SE | 11.23                 | 217             | 499,248.392500 | 2,142,011.281600 |
| 217 - 218 | 62°20'23"SE | 7.85                  | 218             | 499,255.347300 | 2,142,007.636400 |
| 218 - 219 | 55°41'16"SE | 16.24                 | 219             | 499,268.762700 | 2,141,998.480900 |
| 219 - 220 | 40°26'16"SE | 8.63                  | 220             | 499,274.362500 | 2,141,991.910000 |
| 220 - 221 | 27°50'45"SE | 9.92                  | 221             | 499,278.996300 | 2,141,983.138300 |
| 221 - 222 | 41°21'51"SE | 10.19                 | 222             | 499,285.731000 | 2,141,975.489700 |
| 222 - 223 | 44°36'33"SE | 21.04                 | 223             | 499,300.503800 | 2,141,960.514000 |
| 223 - 224 | 59°40'19"SE | 9.36                  | 224             | 499,308.580800 | 2,141,955.788900 |
| 224 - 225 | 16°41'18"SE | 7.82                  | 225             | 499,310.825700 | 2,141,948.300800 |
| 225 - 226 | 44°53'06"SE | 8.54                  | 226             | 499,316.855000 | 2,141,942.247300 |
| 226 - 227 | 78°38'10"NE | 10.78                 | 227             | 499,327.420000 | 2,141,944.370600 |
| 227 - 228 | 45°56'07"SE | 9.44                  | 228             | 499,334.204300 | 2,141,937.804300 |
| 228 - 229 | 43°34'14"SE | 28.31                 | 229             | 499,353.714300 | 2,141,917.295800 |
| 229 - 230 | 46°51'54"SE | 12.38                 | 230             | 499,362.745400 | 2,141,908.834300 |
| 230 - 231 | 52°19'51"SE | 20.30                 | 231             | 499,378.812700 | 2,141,896.429900 |
| 231 - 232 | 48°07'31"SE | 8.53                  | 232             | 499,385.167800 | 2,141,890.732900 |
| 232 - 233 | 52°55'44"SE | 9.81                  | 233             | 499,392.997600 | 2,141,884.817500 |
| 233 - 234 | 50°15'57"SE | 11.67                 | 234             | 499,401.971500 | 2,141,877.358200 |
| 234 - 235 | 46°02'07"SE | 24.83                 | 235             | 499,419.846600 | 2,141,860.117800 |
| 235 - 236 | 33°03'07"SE | 8.49                  | 236             | 499,424.477400 | 2,141,853.001200 |
| 236 - 237 | 16°19'23"SE | 11.58                 | 237             | 499,427.731200 | 2,141,841.890700 |
| 237 - 238 | 45°37'32"SE | 13.57                 | 238             | 499,437.427400 | 2,141,832.404000 |
| 238 - 239 | 46°56'06"SE | 14.92                 | 239             | 499,448.326100 | 2,141,822.217700 |
| 239 - 240 | 52°27'48"SE | 13.74                 | 240             | 499,459.219800 | 2,141,813.847600 |
| 240 - 241 | 63°18'17"SE | 16.41                 | 241             | 499,473.881000 | 2,141,806.475300 |
| 241 - 242 | 68°40'21"SE | 9.84                  | 242             | 499,483.043900 | 2,141,802.897800 |
| 242 - 243 | 82°36'12"SE | 1.94                  | 243             | 499,484.962800 | 2,141,802.648700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas    |                  |
|-----------|-------------|-----------------------|-----------------|----------------|------------------|
|           |             |                       |                 | X              | Y                |
| 243 - 244 | 44°35'10"SE | 8.32                  | 244             | 499,490.803900 | 2,141,796.722600 |
| 244 - 245 | 52°10'07"SE | 9.91                  | 245             | 499,498.631400 | 2,141,790.644100 |
| 245 - 246 | 61°35'27"SE | 18.87                 | 246             | 499,515.225900 | 2,141,781.668100 |
| 246 - 247 | 28°14'53"SE | 5.77                  | 247             | 499,517.956900 | 2,141,776.585100 |
| 247 - 248 | 06°21'39"SW | 3.30                  | 248             | 499,517.591200 | 2,141,773.304600 |
| 248 - 249 | 44°20'17"SE | 16.42                 | 249             | 499,529.064200 | 2,141,761.563500 |
| 249 - 250 | 58°48'35"SE | 16.55                 | 250             | 499,543.222400 | 2,141,752.992300 |
| 250 - 251 | 36°53'11"SE | 30.46                 | 251             | 499,561.504500 | 2,141,728.630800 |
| 251 - 252 | 75°03'14"SE | 13.46                 | 252             | 499,574.505500 | 2,141,725.160300 |
| 252 - 253 | 58°46'53"SE | 17.03                 | 253             | 499,589.071800 | 2,141,716.332200 |
| 253 - 254 | 43°12'26"SE | 17.40                 | 254             | 499,600.983400 | 2,141,703.650900 |
| 254 - 255 | 41°16'05"SE | 16.16                 | 255             | 499,611.642900 | 2,141,691.503800 |
| 255 - 256 | 68°46'46"SE | 14.81                 | 256             | 499,625.445200 | 2,141,686.144600 |
| 256 - 257 | 50°21'32"SE | 19.58                 | 257             | 499,640.524200 | 2,141,673.652000 |
| 257 - 258 | 53°03'57"SE | 20.55                 | 258             | 499,656.953000 | 2,141,661.301600 |
| 258 - 259 | 56°47'49"SE | 18.97                 | 259             | 499,672.821800 | 2,141,650.916200 |
| 259 - 260 | 48°45'34"SE | 19.02                 | 260             | 499,687.122900 | 2,141,638.378700 |
| 260 - 261 | 55°02'03"SE | 19.11                 | 261             | 499,702.781200 | 2,141,627.428600 |
| 261 - 262 | 53°21'00"SE | 17.56                 | 262             | 499,716.865600 | 2,141,616.949600 |
| 262 - 263 | 54°23'50"SE | 22.32                 | 263             | 499,735.012200 | 2,141,603.956700 |
| 263 - 264 | 46°21'47"SE | 22.09                 | 264             | 499,750.998600 | 2,141,588.713500 |
| 264 - 265 | 59°21'47"SE | 13.77                 | 265             | 499,762.844400 | 2,141,581.697600 |
| 265 - 266 | 54°50'21"SE | 15.67                 | 266             | 499,775.657800 | 2,141,572.671900 |
| 266 - 267 | 58°40'01"SE | 16.57                 | 267             | 499,789.807300 | 2,141,564.057700 |
| 267 - 268 | 46°20'39"SE | 14.35                 | 268             | 499,800.186800 | 2,141,554.154200 |
| 268 - 269 | 54°36'09"SE | 13.92                 | 269             | 499,811.533400 | 2,141,546.091400 |
| 269 - 270 | 59°28'52"SE | 18.83                 | 270             | 499,827.753500 | 2,141,536.529900 |
| 270 - 271 | 48°53'43"SE | 18.33                 | 271             | 499,841.562700 | 2,141,524.481400 |
| 271 - 272 | 56°27'17"SE | 20.70                 | 272             | 499,858.812100 | 2,141,513.044700 |
| 272 - 273 | 51°47'00"SE | 21.33                 | 273             | 499,875.567700 | 2,141,499.851500 |
| 273 - 274 | 49°49'18"SE | 18.21                 | 274             | 499,889.483700 | 2,141,488.100700 |
| 274 - 275 | 54°05'40"SE | 14.37                 | 275             | 499,901.122700 | 2,141,479.673800 |
| 275 - 276 | 58°09'43"SE | 15.19                 | 276             | 499,914.029200 | 2,141,471.659600 |
| 276 - 277 | 51°38'47"SE | 18.20                 | 277             | 499,928.305300 | 2,141,460.363400 |
| 277 - 278 | 57°50'59"SE | 20.49                 | 278             | 499,945.653400 | 2,141,449.459800 |
| 278 - 279 | 59°41'45"SE | 16.68                 | 279             | 499,960.054200 | 2,141,441.043300 |
| 279 - 280 | 44°52'30"SE | 13.59                 | 280             | 499,969.639300 | 2,141,431.416300 |
| 280 - 281 | 64°36'03"SE | 15.75                 | 281             | 499,983.863800 | 2,141,424.662300 |
| 281 - 282 | 55°39'04"SE | 17.28                 | 282             | 499,998.133900 | 2,141,414.910100 |
| 282 - 283 | 45°17'21"SE | 17.25                 | 283             | 500,010.394500 | 2,141,402.772700 |
| 283 - 284 | 57°31'21"SE | 13.54                 | 284             | 500,021.819000 | 2,141,395.500800 |
| 284 - 285 | 67°20'57"SE | 13.00                 | 285             | 500,033.816200 | 2,141,390.494400 |
| 285 - 286 | 55°15'05"SE | 16.14                 | 286             | 500,047.076000 | 2,141,381.296300 |
| 286 - 287 | 53°18'51"SE | 17.77                 | 287             | 500,061.323300 | 2,141,370.682200 |
| 287 - 288 | 54°53'39"SE | 27.85                 | 288             | 500,084.108400 | 2,141,354.665200 |
| 288 - 289 | 39°01'35"SW | 60.53                 | 289             | 500,045.996200 | 2,141,307.645300 |

A partir de este vértice 289 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 2,540.43 metros hasta llegar al vértice 290.

|           |             |       |     |                |                  |
|-----------|-------------|-------|-----|----------------|------------------|
|           |             |       | 290 | 498,126.898100 | 2,142,858.931400 |
| 290 - 291 | 40°14'11"NE | 10.09 | 291 | 498,133.412600 | 2,142,866.630300 |
| 291 - 292 | 44°59'59"NE | 6.70  | 292 | 498,138.150400 | 2,142,871.368100 |
| 292 - 1   | 63°26'05"NE | 7.95  | 1   |                |                  |

| Polígono general | Superficie (ha)  | Zonificación    | Nombre          | Superficie (ha)  |
|------------------|------------------|-----------------|-----------------|------------------|
| Playa Cuitzmala  | 20.929271        | Amortiguamiento | El Faro 1       | 2.062135         |
|                  |                  |                 | El Faro 2       | 1.561016         |
|                  |                  |                 | Tigre del Mar   | 3.511682         |
|                  |                  |                 | Río Cuitzmala   | 4.419039         |
|                  |                  |                 | <b>Subtotal</b> | <b>11.553872</b> |
|                  |                  | Núcleo          | Villas la Loma  | 9.375399         |
| <b>Total</b>     | <b>20.929271</b> | <b>Total</b>    |                 | <b>20.929271</b> |



**“Playa El Tecuán”**

El Santuario conocido como Playa El Tecuán, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de La Huerta, en el estado de Jalisco, con una superficie total de 52-30-53.03 hectáreas (CINCUENTA Y DOS HECTÁREAS, TREINTA ÁREAS, CINCUENTA Y TRES PUNTO TRES CENTIÁREAS). La totalidad del área es zona de amortiguamiento.

La descripción limítrofe del polígono que se señala a continuación y que conforma el Santuario Playa El Tecuán, se encuentra en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0

**Polígono General****(Superficie 52-30-53.03 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 506,698.805300  | 2,135,130.773300 |
| 1 - 2   | 66°48'04"NE | 33.81                 | 2            | 506,729.881000  | 2,135,144.091500 |
| 2 - 3   | 72°53'50"NE | 30.19                 | 3            | 506,758.737100  | 2,135,152.970200 |
| 3 - 4   | 87°00'29"NE | 53.46                 | 4            | 506,812.128400  | 2,135,155.760600 |
| 4 - 5   | 83°59'27"NE | 40.44                 | 5            | 506,852.345100  | 2,135,159.993900 |
| 5 - 6   | 87°30'37"NE | 48.73                 | 6            | 506,901.028600  | 2,135,162.110600 |
| 6 - 7   | 78°06'40"SE | 41.10                 | 7            | 506,941.245300  | 2,135,153.643900 |
| 7 - 8   | 86°38'01"SE | 36.05                 | 8            | 506,977.228700  | 2,135,151.527300 |
| 8 - 9   | 90°00'00"NE | 33.87                 | 9            | 507,011.095500  | 2,135,151.527300 |
| 9 - 10  | 59°02'09"SE | 24.68                 | 10           | 507,032.262200  | 2,135,138.827200 |
| 10 - 11 | 85°54'52"SE | 29.71                 | 11           | 507,061.895600  | 2,135,136.710600 |
| 11 - 12 | 75°04'06"SE | 32.86                 | 12           | 507,093.645600  | 2,135,128.243900 |
| 12 - 13 | 55°37'10"SE | 48.73                 | 13           | 507,133.862400  | 2,135,100.727200 |
| 13 - 14 | 66°30'05"SE | 53.09                 | 14           | 507,182.545800  | 2,135,079.560500 |
| 14 - 15 | 76°45'34"SE | 36.97                 | 15           | 507,218.529200  | 2,135,071.093800 |
| 15 - 16 | 61°33'25"SE | 57.77                 | 16           | 507,269.329300  | 2,135,043.577000 |
| 16 - 17 | 72°15'19"SE | 55.56                 | 17           | 507,322.246100  | 2,135,026.643700 |
| 17 - 18 | 57°43'27"SE | 47.57                 | 18           | 507,362.462800  | 2,135,001.243600 |
| 18 - 19 | 63°26'06"SE | 47.33                 | 19           | 507,404.796300  | 2,134,980.076900 |
| 19 - 20 | 66°02'15"SE | 41.69                 | 20           | 507,442.896300  | 2,134,963.143600 |
| 20 - 21 | 61°55'38"SE | 35.98                 | 21           | 507,474.646400  | 2,134,946.210200 |
| 21 - 22 | 67°50'01"SE | 61.71                 | 22           | 507,531.796500  | 2,134,922.926800 |
| 22 - 23 | 68°11'54"SE | 45.59                 | 23           | 507,574.129900  | 2,134,905.993400 |
| 23 - 24 | 54°46'56"SE | 44.05                 | 24           | 507,610.113300  | 2,134,880.593400 |
| 24 - 25 | 72°04'19"SE | 75.64                 | 25           | 507,682.080100  | 2,134,857.310000 |
| 25 - 26 | 56°58'34"SE | 50.49                 | 26           | 507,724.413600  | 2,134,829.793300 |
| 26 - 27 | 74°44'41"SE | 48.27                 | 27           | 507,770.980300  | 2,134,817.093300 |
| 27 - 28 | 50°42'38"SE | 60.17                 | 28           | 507,817.547100  | 2,134,778.993200 |
| 28 - 29 | 61°06'48"SE | 70.11                 | 29           | 507,878.930500  | 2,134,745.126400 |
| 29 - 30 | 56°53'19"SE | 58.12                 | 30           | 507,927.614000  | 2,134,713.376400 |
| 30 - 31 | 47°43'34"SE | 31.47                 | 31           | 507,950.897300  | 2,134,692.209700 |
| 31 - 32 | 67°37'11"SE | 38.91                 | 32           | 507,986.880800  | 2,134,677.393000 |
| 32 - 33 | 21°48'04"SE | 34.20                 | 33           | 507,999.580800  | 2,134,645.642900 |
| 33 - 34 | 45°00'00"SE | 20.95                 | 34           | 508,014.397500  | 2,134,630.826200 |
| 34 - 35 | 35°50'51"SE | 7.92                  | 35           | 508,019.034800  | 2,134,624.407700 |
| 35 - 36 | 47°06'05"SE | 6.88                  | 36           | 508,024.076100  | 2,134,619.723300 |
| 36 - 37 | 27°53'49"SE | 6.06                  | 37           | 508,026.909400  | 2,134,614.371500 |
| 37 - 42 | 74°10'03"SE | 21.92                 | 42           | 508,048.001900  | 2,134,608.390000 |
| 42 - 43 | 66°02'14"NE | 6.20                  | 43           | 508,053.668500  | 2,134,610.908500 |
| 43 - 44 | 81°01'40"SE | 6.06                  | 44           | 508,059.650000  | 2,134,609.964100 |
| 44 - 45 | 79°06'51"SE | 8.34                  | 45           | 508,067.835100  | 2,134,608.390000 |
| 45 - 46 | 75°15'24"SE | 6.19                  | 46           | 508,073.816500  | 2,134,606.816000 |
| 46 - 47 | 90°00'00"NE | 3.46                  | 47           | 508,077.279500  | 2,134,606.816000 |
| 47 - 48 | 82°24'16"SE | 4.76                  | 48           | 508,082.001700  | 2,134,606.186300 |
| 48 - 49 | 86°25'25"SE | 5.05                  | 49           | 508,087.038700  | 2,134,605.871500 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 49 - 50   | 90°00'00"NE | 5.35                  | 50           | 508,092.390500  | 2,134,605.871500 |
| 50 - 51   | 87°57'16"NE | 8.82                  | 51           | 508,101.205300  | 2,134,606.186300 |
| 51 - 52   | 90°00'00"NE | 9.44                  | 52           | 508,110.649700  | 2,134,606.186300 |
| 52 - 53   | 90°00'00"NE | 6.30                  | 53           | 508,116.946000  | 2,134,606.186300 |
| 53 - 54   | 59°32'04"SE | 6.21                  | 54           | 508,122.297800  | 2,134,603.038200 |
| 54 - 55   | 30°57'51"SE | 3.67                  | 55           | 508,124.186700  | 2,134,599.890100 |
| 55 - 56   | 61°41'55"SE | 4.65                  | 56           | 508,128.279200  | 2,134,597.686400 |
| 56 - 57   | 69°26'33"SE | 2.69                  | 57           | 508,130.797700  | 2,134,596.741900 |
| 57 - 58   | 57°31'44"SE | 4.10                  | 58           | 508,134.260700  | 2,134,594.538200 |
| 58 - 59   | 63°26'05"SE | 4.93                  | 59           | 508,138.668100  | 2,134,592.334500 |
| 59 - 60   | 78°41'25"SE | 6.42                  | 60           | 508,144.964300  | 2,134,591.075300 |
| 60 - 61   | 67°22'47"SE | 4.09                  | 61           | 508,148.742100  | 2,134,589.501200 |
| 61 - 62   | 87°16'25"SE | 6.62                  | 62           | 508,155.353200  | 2,134,589.186400 |
| 62 - 63   | 48°34'34"SE | 7.14                  | 63           | 508,160.705000  | 2,134,584.464200 |
| 63 - 64   | 52°07'29"SE | 3.59                  | 64           | 508,163.538300  | 2,134,582.260500 |
| 64 - 65   | 60°56'46"SE | 3.24                  | 65           | 508,166.371600  | 2,134,580.686500 |
| 65 - 66   | 56°18'37"SE | 4.54                  | 66           | 508,170.149400  | 2,134,578.168000 |
| 66 - 67   | 41°37'57"SE | 3.79                  | 67           | 508,172.667900  | 2,134,575.334600 |
| 67 - 68   | 52°25'54"SE | 5.16                  | 68           | 508,176.760500  | 2,134,572.186500 |
| 68 - 69   | 37°34'05"SE | 5.16                  | 69           | 508,179.908600  | 2,134,568.093900 |
| 69 - 70   | 50°11'42"SE | 4.92                  | 70           | 508,183.686400  | 2,134,564.945800 |
| 70 - 71   | 43°09'08"SE | 6.90                  | 71           | 508,188.408600  | 2,134,559.908800 |
| 71 - 72   | 86°59'14"SE | 5.99                  | 72           | 508,194.390000  | 2,134,559.594000 |
| 72 - 73   | 51°20'23"SE | 2.02                  | 73           | 508,195.964100  | 2,134,558.334700 |
| 73 - 74   | 55°18'16"SE | 4.98                  | 74           | 508,200.056600  | 2,134,555.501400 |
| 74 - 75   | 49°05'07"SE | 6.25                  | 75           | 508,204.778800  | 2,134,551.408800 |
| 75 - 76   | 73°18'06"SE | 3.29                  | 76           | 508,207.927000  | 2,134,550.464400 |
| 76 - 77   | 75°57'51"SE | 2.60                  | 77           | 508,210.445500  | 2,134,549.834800 |
| 77 - 78   | 60°56'40"SE | 6.48                  | 78           | 508,216.112100  | 2,134,546.686600 |
| 78 - 79   | 70°12'04"SE | 8.36                  | 79           | 508,223.982400  | 2,134,543.853300 |
| 79 - 80   | 66°48'04"SE | 4.80                  | 80           | 508,228.389800  | 2,134,541.964400 |
| 80 - 81   | 65°33'26"SE | 3.80                  | 81           | 508,231.852800  | 2,134,540.390400 |
| 81 - 82   | 73°18'01"SE | 6.57                  | 82           | 508,238.149000  | 2,134,538.501500 |
| 82 - 83   | 71°33'54"SE | 6.97                  | 83           | 508,244.760100  | 2,134,536.297800 |
| 83 - 84   | 62°06'10"SE | 6.06                  | 84           | 508,250.111900  | 2,134,533.464500 |
| 84 - 85   | 76°45'33"SE | 5.50                  | 85           | 508,255.463800  | 2,134,532.205200 |
| 85 - 86   | 66°30'05"SE | 7.90                  | 86           | 508,262.704500  | 2,134,529.057100 |
| 86 - 87   | 71°33'50"SE | 3.98                  | 87           | 508,266.482200  | 2,134,527.797800 |
| 87 - 88   | 48°21'58"SE | 3.79                  | 88           | 508,269.315500  | 2,134,525.279300 |
| 88 - 89   | 56°18'42"SE | 3.41                  | 89           | 508,272.148900  | 2,134,523.390500 |
| 89 - 90   | 41°11'05"SE | 3.35                  | 90           | 508,274.352600  | 2,134,520.871900 |
| 90 - 91   | 38°39'35"SE | 6.05                  | 91           | 508,278.130300  | 2,134,516.149800 |
| 91 - 92   | 53°31'49"SE | 9.00                  | 92           | 508,285.371000  | 2,134,510.797900 |
| 92 - 93   | 74°17'29"SE | 10.46                 | 93           | 508,295.445000  | 2,134,507.964600 |
| 93 - 94   | 41°38'01"SE | 3.79                  | 94           | 508,297.963500  | 2,134,505.131300 |
| 94 - 95   | 63°26'05"SE | 4.22                  | 95           | 508,301.741300  | 2,134,503.242400 |
| 95 - 96   | 59°02'08"SE | 3.67                  | 96           | 508,304.889400  | 2,134,501.353500 |
| 96 - 97   | 56°18'42"SE | 3.41                  | 97           | 508,307.722800  | 2,134,499.464700 |
| 97 - 98   | 71°33'49"SE | 2.99                  | 98           | 508,310.556100  | 2,134,498.520200 |
| 98 - 99   | 44°59'53"SE | 2.23                  | 99           | 508,312.130100  | 2,134,496.946100 |
| 99 - 100  | 49°45'51"SE | 5.36                  | 100          | 508,316.222700  | 2,134,493.483200 |
| 100 - 101 | 49°23'54"SE | 2.90                  | 101          | 508,318.426400  | 2,134,491.594300 |
| 101 - 102 | 68°11'57"SE | 3.39                  | 102          | 508,321.574500  | 2,134,490.335100 |
| 102 - 103 | 79°41'38"SE | 3.52                  | 103          | 508,325.037500  | 2,134,489.705400 |
| 103 - 104 | 85°36'05"SE | 4.10                  | 104          | 508,329.130100  | 2,134,489.390600 |
| 104 - 105 | 55°18'16"SE | 4.98                  | 105          | 508,333.222600  | 2,134,486.557300 |
| 105 - 106 | 39°05'38"SE | 6.49                  | 106          | 508,337.315200  | 2,134,481.520300 |
| 106 - 107 | 26°33'49"SE | 2.11                  | 107          | 508,338.259600  | 2,134,479.631400 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 107 - 108 | 63°26'18"SE | 0.70                  | 108          | 508,338.889300  | 2,134,479.316600 |
| 108 - 109 | 85°14'11"SE | 3.79                  | 109          | 508,342.667000  | 2,134,479.001800 |
| 109 - 110 | 69°26'40"SE | 2.69                  | 110          | 508,345.185500  | 2,134,478.057400 |
| 110 - 111 | 81°15'10"SE | 4.14                  | 111          | 508,349.278100  | 2,134,477.427700 |
| 111 - 112 | 63°26'09"SE | 2.82                  | 112          | 508,351.796600  | 2,134,476.168500 |
| 112 - 113 | 79°41'38"SE | 3.52                  | 113          | 508,355.259600  | 2,134,475.538800 |
| 113 - 114 | 66°02'17"SE | 3.10                  | 114          | 508,358.092900  | 2,134,474.279600 |
| 114 - 115 | 68°11'51"SE | 3.39                  | 115          | 508,361.241000  | 2,134,473.020300 |
| 115 - 116 | 74°28'35"SE | 5.88                  | 116          | 508,366.907600  | 2,134,471.446300 |
| 116 - 117 | 39°48'21"SE | 2.46                  | 117          | 508,368.481700  | 2,134,469.557400 |
| 117 - 118 | 32°28'17"SE | 4.10                  | 118          | 508,370.685400  | 2,134,466.094500 |
| 118 - 119 | 44°59'59"SE | 5.34                  | 119          | 508,374.463200  | 2,134,462.316700 |
| 119 - 120 | 55°00'27"SE | 3.84                  | 120          | 508,377.611300  | 2,134,460.113000 |
| 120 - 121 | 56°18'34"SE | 3.41                  | 121          | 508,380.444600  | 2,134,458.224100 |
| 121 - 122 | 54°27'48"SE | 2.71                  | 122          | 508,382.648300  | 2,134,456.650100 |
| 122 - 123 | 47°43'31"SE | 4.68                  | 123          | 508,386.111200  | 2,134,453.501900 |
| 123 - 124 | 73°36'40"SE | 5.58                  | 124          | 508,391.463100  | 2,134,451.927900 |
| 124 - 125 | 90°00'00"NE | 4.41                  | 125          | 508,395.870500  | 2,134,451.927900 |
| 125 - 126 | 68°44'57"SE | 6.08                  | 126          | 508,401.537100  | 2,134,449.724200 |
| 126 - 127 | 53°07'46"SE | 4.72                  | 127          | 508,405.314900  | 2,134,446.890800 |
| 127 - 128 | 55°00'31"SE | 3.84                  | 128          | 508,408.463000  | 2,134,444.687200 |
| 128 - 129 | 50°11'38"SE | 2.46                  | 129          | 508,410.351900  | 2,134,443.113100 |
| 129 - 130 | 59°02'11"SE | 5.51                  | 130          | 508,415.074100  | 2,134,440.279800 |
| 130 - 131 | 55°18'12"SE | 4.98                  | 131          | 508,419.166600  | 2,134,437.446400 |
| 131 - 132 | 50°42'38"SE | 8.95                  | 132          | 508,426.092500  | 2,134,431.779800 |
| 132 - 133 | 87°23'51"SE | 6.93                  | 133          | 508,433.018400  | 2,134,431.465000 |
| 133 - 134 | 84°33'35"SE | 6.64                  | 134          | 508,439.629500  | 2,134,430.835400 |
| 134 - 135 | 71°33'53"SE | 5.97                  | 135          | 508,445.296100  | 2,134,428.946500 |
| 135 - 136 | 63°26'05"SE | 4.93                  | 136          | 508,449.703500  | 2,134,426.742800 |
| 136 - 137 | 56°18'37"SE | 4.54                  | 137          | 508,453.481300  | 2,134,424.224300 |
| 137 - 138 | 65°13'27"SE | 4.51                  | 138          | 508,457.573800  | 2,134,422.335400 |
| 138 - 139 | 79°12'58"SE | 6.73                  | 139          | 508,464.184900  | 2,134,421.076200 |
| 139 - 140 | 77°54'16"SE | 4.51                  | 140          | 508,468.592300  | 2,134,420.131700 |
| 140 - 141 | 60°56'46"SE | 3.24                  | 141          | 508,471.425600  | 2,134,418.557700 |
| 141 - 142 | 58°23'33"SE | 4.81                  | 142          | 508,475.518200  | 2,134,416.039200 |
| 142 - 143 | 55°00'27"SE | 3.84                  | 143          | 508,478.666300  | 2,134,413.835500 |
| 143 - 144 | 33°41'22"SE | 3.41                  | 144          | 508,480.555200  | 2,134,411.002100 |
| 144 - 145 | 37°52'30"SE | 3.59                  | 145          | 508,482.758900  | 2,134,408.168800 |
| 145 - 146 | 57°31'42"SE | 4.10                  | 146          | 508,486.221800  | 2,134,405.965100 |
| 146 - 147 | 67°50'02"SE | 9.18                  | 147          | 508,494.721800  | 2,134,402.502200 |
| 147 - 148 | 50°11'42"SE | 4.92                  | 148          | 508,498.499600  | 2,134,399.354100 |
| 148 - 149 | 51°20'19"SE | 4.03                  | 149          | 508,501.647700  | 2,134,396.835500 |
| 149 - 150 | 74°44'43"SE | 3.59                  | 150          | 508,505.110600  | 2,134,395.891100 |
| 150 - 151 | 66°02'14"SE | 9.30                  | 151          | 508,513.610600  | 2,134,392.113300 |
| 151 - 152 | 39°17'22"SE | 4.47                  | 152          | 508,516.443900  | 2,134,388.650400 |
| 152 - 153 | 61°11'22"SE | 7.19                  | 153          | 508,522.740200  | 2,134,385.187500 |
| 153 - 154 | 90°00'00"NE | 4.09                  | 154          | 508,526.832700  | 2,134,385.187500 |
| 154 - 155 | 84°17'16"SE | 3.16                  | 155          | 508,529.980900  | 2,134,384.872600 |
| 155 - 156 | 66°02'14"SE | 6.20                  | 156          | 508,535.647500  | 2,134,382.354100 |
| 156 - 157 | 51°20'31"SE | 2.02                  | 157          | 508,537.221600  | 2,134,381.094900 |
| 157 - 158 | 55°00'27"SE | 3.84                  | 158          | 508,540.369700  | 2,134,378.891200 |
| 158 - 159 | 31°36'26"SE | 4.81                  | 159          | 508,542.888200  | 2,134,374.798600 |
| 159 - 160 | 23°57'48"SE | 3.10                  | 160          | 508,544.147500  | 2,134,371.965300 |
| 160 - 161 | 29°44'37"SE | 2.54                  | 161          | 508,545.406700  | 2,134,369.761600 |
| 161 - 162 | 71°33'54"SE | 6.97                  | 162          | 508,552.017800  | 2,134,367.557900 |
| 162 - 163 | 51°20'31"SE | 2.02                  | 163          | 508,553.591900  | 2,134,366.298700 |
| 163 - 164 | 35°32'11"SE | 2.71                  | 164          | 508,555.165900  | 2,134,364.095000 |
| 164 - 165 | 71°33'52"SE | 3.98                  | 165          | 508,558.943700  | 2,134,362.835700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 165 - 166 | 59°02'16"SE | 1.84                  | 166          | 508,560.517800  | 2,134,361.891300 |
| 166 - 167 | 66°48'00"SE | 2.40                  | 167          | 508,562.721500  | 2,134,360.946800 |
| 167 - 168 | 59°02'10"SE | 7.34                  | 168          | 508,569.017700  | 2,134,357.169100 |
| 168 - 169 | 53°58'23"SE | 4.28                  | 169          | 508,572.480700  | 2,134,354.650600 |
| 169 - 170 | 64°29'09"SE | 15.35                 | 170          | 508,586.332400  | 2,134,348.039500 |
| 170 - 171 | 55°00'28"SE | 7.69                  | 171          | 508,592.628700  | 2,134,343.632100 |
| 171 - 172 | 82°38'52"SE | 9.84                  | 172          | 508,602.387900  | 2,134,342.372900 |
| 172 - 173 | 51°50'32"SE | 5.61                  | 173          | 508,606.795300  | 2,134,338.909900 |
| 173 - 174 | 45°00'00"SE | 3.56                  | 174          | 508,609.313800  | 2,134,336.391400 |
| 174 - 175 | 21°26'52"SE | 9.47                  | 175          | 508,612.776800  | 2,134,327.576600 |
| 175 - 176 | 69°46'29"SE | 6.37                  | 176          | 508,618.758200  | 2,134,325.372900 |
| 176 - 177 | 63°26'06"SE | 9.15                  | 177          | 508,626.943300  | 2,134,321.280400 |
| 177 - 178 | 51°20'27"SE | 4.03                  | 178          | 508,630.091500  | 2,134,318.761900 |
| 178 - 179 | 70°20'45"SE | 4.68                  | 179          | 508,634.498900  | 2,134,317.187800 |
| 179 - 180 | 53°58'21"SE | 8.56                  | 180          | 508,641.424800  | 2,134,312.150800 |
| 180 - 181 | 60°15'11"SE | 2.54                  | 181          | 508,643.628400  | 2,134,310.891500 |
| 181 - 182 | 59°44'37"SE | 4.37                  | 182          | 508,647.406200  | 2,134,308.687800 |
| 182 - 183 | 77°54'20"SE | 4.51                  | 183          | 508,651.813600  | 2,134,307.743400 |
| 183 - 184 | 64°58'58"SE | 10.42                 | 184          | 508,661.258000  | 2,134,303.336000 |
| 184 - 185 | 59°44'35"SE | 4.37                  | 185          | 508,665.035700  | 2,134,301.132300 |
| 185 - 186 | 56°18'37"SE | 4.54                  | 186          | 508,668.813500  | 2,134,298.613800 |
| 186 - 187 | 51°20'31"SE | 2.02                  | 187          | 508,670.387600  | 2,134,297.354600 |
| 187 - 188 | 50°11'33"SE | 2.46                  | 188          | 508,672.276400  | 2,134,295.780500 |
| 188 - 189 | 45°00'03"SE | 4.01                  | 189          | 508,675.109800  | 2,134,292.947200 |
| 189 - 190 | 44°59'53"SE | 2.23                  | 190          | 508,676.683800  | 2,134,291.373100 |
| 190 - 191 | 57°43'29"SE | 7.07                  | 191          | 508,682.665300  | 2,134,287.595400 |
| 191 - 192 | 47°29'19"SE | 5.12                  | 192          | 508,686.443000  | 2,134,284.132400 |
| 192 - 193 | 65°13'31"SE | 9.01                  | 193          | 508,694.628200  | 2,134,280.354700 |
| 193 - 194 | 63°26'05"SE | 4.93                  | 194          | 508,699.035600  | 2,134,278.151000 |
| 194 - 195 | 55°37'09"SE | 7.25                  | 195          | 508,705.017000  | 2,134,274.058400 |
| 195 - 196 | 81°38'02"SE | 10.82                 | 196          | 508,715.720700  | 2,134,272.484300 |
| 196 - 197 | 56°18'36"SE | 11.35                 | 197          | 508,725.165100  | 2,134,266.188100 |
| 197 - 198 | 40°58'17"SE | 15.84                 | 198          | 508,735.553900  | 2,134,254.225200 |
| 198 - 199 | 58°34'13"SE | 13.28                 | 199          | 508,746.887200  | 2,134,247.299300 |
| 199 - 200 | 52°25'51"SE | 10.33                 | 200          | 508,755.072300  | 2,134,241.003000 |
| 200 - 201 | 61°52'34"SE | 20.70                 | 201          | 508,773.331500  | 2,134,231.243800 |
| 201 - 202 | 71°33'54"SE | 7.96                  | 202          | 508,780.887000  | 2,134,228.725300 |
| 202 - 203 | 59°44'36"SE | 8.75                  | 203          | 508,788.442500  | 2,134,224.317900 |
| 203 - 204 | 44°59'59"SE | 7.57                  | 204          | 508,793.794300  | 2,134,218.966100 |
| 204 - 205 | 62°14'30"SE | 6.76                  | 205          | 508,799.775800  | 2,134,215.818000 |
| 205 - 207 | 56°55'45"SE | 16.15                 | 207          | 508,813.312800  | 2,134,207.003200 |
| 207 - 208 | 75°57'47"SE | 6.49                  | 208          | 508,819.609000  | 2,134,205.429100 |
| 208 - 209 | 68°37'46"SE | 7.78                  | 209          | 508,826.849700  | 2,134,202.595800 |
| 209 - 210 | 54°27'45"SE | 13.54                 | 210          | 508,837.868200  | 2,134,194.725500 |
| 210 - 211 | 64°10'44"SE | 10.84                 | 211          | 508,847.627400  | 2,134,190.003300 |
| 211 - 212 | 62°33'36"SE | 18.45                 | 212          | 508,863.997700  | 2,134,181.503300 |
| 212 - 213 | 71°52'41"SE | 18.22                 | 213          | 508,881.312400  | 2,134,175.836700 |
| 213 - 214 | 65°13'29"SE | 9.01                  | 214          | 508,889.497600  | 2,134,172.058900 |
| 214 - 215 | 68°44'57"SE | 12.16                 | 215          | 508,900.830800  | 2,134,167.651500 |
| 215 - 216 | 63°26'06"SE | 23.23                 | 216          | 508,921.608500  | 2,134,157.262700 |
| 216 - 217 | 63°26'05"SE | 21.82                 | 217          | 508,941.126900  | 2,134,147.503500 |
| 217 - 218 | 71°13'19"SE | 16.63                 | 218          | 508,956.867600  | 2,134,142.151700 |
| 218 - 219 | 55°55'21"SE | 12.92                 | 219          | 508,967.571200  | 2,134,134.911000 |
| 219 - 220 | 73°53'11"SE | 14.75                 | 220          | 508,981.737800  | 2,134,130.818400 |
| 220 - 221 | 56°18'36"SE | 5.68                  | 221          | 508,986.460000  | 2,134,127.670300 |
| 221 - 222 | 42°30'36"SE | 10.25                 | 222          | 508,993.385900  | 2,134,120.114700 |
| 222 - 223 | 67°09'59"SE | 6.49                  | 223          | 508,999.367400  | 2,134,117.596200 |
| 223 - 224 | 49°23'57"SE | 5.80                  | 224          | 509,003.774800  | 2,134,113.818500 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 224 - 225 | 58°23'31"SE | 4.81                  | 225          | 509,007.867300  | 2,134,111.300000 |
| 225 - 226 | 81°28'07"SE | 6.37                  | 226          | 509,014.163600  | 2,134,110.355500 |
| 226 - 227 | 69°19'32"SE | 17.83                 | 227          | 509,030.848700  | 2,134,104.059300 |
| 227 - 228 | 81°28'07"SE | 6.37                  | 228          | 509,037.145000  | 2,134,103.114800 |
| 228 - 229 | 60°56'43"SE | 6.48                  | 229          | 509,042.811600  | 2,134,099.966700 |
| 229 - 230 | 62°26'48"SE | 8.17                  | 230          | 509,050.052300  | 2,134,096.188900 |
| 230 - 231 | 56°46'06"SE | 10.91                 | 231          | 509,059.181900  | 2,134,090.207500 |
| 231 - 232 | 65°53'52"SE | 13.11                 | 232          | 509,071.144800  | 2,134,084.855700 |
| 232 - 233 | 69°40'34"SE | 9.06                  | 233          | 509,079.644700  | 2,134,081.707500 |
| 233 - 234 | 65°33'22"SE | 15.22                 | 234          | 509,093.496500  | 2,134,075.411300 |
| 234 - 235 | 57°43'26"SE | 14.15                 | 235          | 509,105.459400  | 2,134,067.855700 |
| 235 - 236 | 69°26'38"SE | 13.45                 | 236          | 509,118.051900  | 2,134,063.133500 |
| 236 - 237 | 58°48'54"SE | 13.98                 | 237          | 509,130.014800  | 2,134,055.892800 |
| 237 - 238 | 63°26'06"SE | 11.26                 | 238          | 509,140.088900  | 2,134,050.855800 |
| 238 - 239 | 56°18'35"SE | 12.49                 | 239          | 509,150.477700  | 2,134,043.929900 |
| 239 - 240 | 59°56'00"SE | 19.57                 | 240          | 509,167.412900  | 2,134,034.126100 |
| 240 - 241 | 54°56'25"SE | 61.27                 | 241          | 509,217.562300  | 2,133,998.933500 |
| 241 - 242 | 48°59'27"SE | 26.82                 | 242          | 509,237.798000  | 2,133,981.337300 |
| 242 - 243 | 56°18'35"SE | 34.89                 | 243          | 509,266.831800  | 2,133,961.981400 |
| 243 - 244 | 59°15'52"SE | 37.87                 | 244          | 509,299.384900  | 2,133,942.625500 |
| 244 - 245 | 83°39'34"SE | 23.90                 | 245          | 509,323.139900  | 2,133,939.986000 |
| 245 - 246 | 34°41'42"SE | 13.91                 | 246          | 509,331.058200  | 2,133,928.548500 |
| 246 - 247 | 70°00'59"SE | 20.60                 | 247          | 509,350.414100  | 2,133,921.509900 |
| 247 - 248 | 51°57'10"SE | 25.70                 | 248          | 509,370.649800  | 2,133,905.673300 |
| 248 - 249 | 67°00'40"SE | 31.54                 | 249          | 509,399.683700  | 2,133,893.355900 |
| 249 - 250 | 40°14'10"SE | 14.98                 | 250          | 509,409.361600  | 2,133,881.918300 |
| 250 - 251 | 08°07'48"SE | 12.44                 | 251          | 509,411.121200  | 2,133,869.601000 |
| 251 - 252 | 45°00'00"SE | 22.40                 | 252          | 509,426.957900  | 2,133,853.764300 |
| 252 - 253 | 56°58'33"SE | 20.99                 | 253          | 509,444.554100  | 2,133,842.326700 |
| 253 - 254 | 29°44'42"SE | 14.19                 | 254          | 509,451.592600  | 2,133,830.009400 |
| 254 - 255 | 19°17'24"SE | 18.64                 | 255          | 509,457.751300  | 2,133,812.413100 |
| 255 - 256 | 08°07'48"SE | 24.88                 | 256          | 509,461.270600  | 2,133,787.778300 |
| 256 - 257 | 23°57'45"SW | 26.00                 | 257          | 509,450.712800  | 2,133,764.023400 |
| 257 - 258 | 39°17'21"SE | 12.50                 | 258          | 509,458.631100  | 2,133,754.345400 |
| 258 - 259 | 51°20'24"SE | 22.53                 | 259          | 509,476.227400  | 2,133,740.268400 |
| 259 - 260 | 90°00'00"NE | 10.70                 | 260          | 509,486.924400  | 2,133,740.268400 |
| 260 - 261 | 80°18'25"NE | 67.76                 | 261          | 509,553.712700  | 2,133,751.676100 |
| 261 - 262 | 80°18'25"NE | 42.78                 | 262          | 509,595.886100  | 2,133,758.879500 |
| 262 - 263 | 80°18'26"NE | 50.09                 | 263          | 509,645.264000  | 2,133,767.313400 |
| 263 - 264 | 80°18'26"NE | 19.00                 | 264          | 509,663.989200  | 2,133,770.511700 |
| 264 - 265 | 80°18'23"NE | 2.89                  | 265          | 509,666.841400  | 2,133,770.998900 |
| 265 - 266 | 86°17'04"SE | 53.25                 | 266          | 509,719.980300  | 2,133,767.548300 |
| 266 - 267 | 86°17'04"SE | 28.41                 | 267          | 509,748.333300  | 2,133,765.707200 |
| 267 - 268 | 79°12'56"SE | 45.25                 | 268          | 509,792.783300  | 2,133,757.240600 |
| 268 - 269 | 04°58'10"SW | 24.43                 | 269          | 509,790.666700  | 2,133,732.898800 |
| 269 - 270 | 83°00'29"NE | 113.02                | 270          | 509,902.850200  | 2,133,719.140500 |
| 270 - 271 | 03°34'34"NE | 20.32                 | 271          | 509,904.117900  | 2,133,739.423900 |
| 271 - 272 | 81°48'11"SE | 45.77                 | 272          | 509,949.417000  | 2,133,732.898800 |
| 272 - 273 | 69°02'39"SE | 53.26                 | 273          | 509,999.158800  | 2,133,713.848800 |
| 273 - 274 | 57°05'41"SE | 42.86                 | 274          | 510,035.142200  | 2,133,690.565400 |
| 274 - 275 | 71°50'02"SE | 71.29                 | 275          | 510,102.875600  | 2,133,668.340400 |
| 275 - 276 | 75°22'45"SE | 50.31                 | 276          | 510,151.559100  | 2,133,655.640400 |
| 276 - 277 | 82°28'34"SE | 56.58                 | 277          | 510,207.650800  | 2,133,648.232000 |
| 277 - 278 | 62°15'39"SE | 21.53                 | 278          | 510,226.708200  | 2,133,638.210100 |
| 278 - 279 | 71°33'54"SE | 38.95                 | 279          | 510,263.660300  | 2,133,625.892700 |
| 279 - 280 | 69°40'36"SE | 25.33                 | 280          | 510,287.415300  | 2,133,617.094500 |
| 280 - 281 | 69°13'39"SE | 54.58                 | 281          | 510,338.444500  | 2,133,597.738600 |
| 281 - 282 | 78°41'05"SE | 77.08                 | 282          | 510,414.026300  | 2,133,582.615200 |

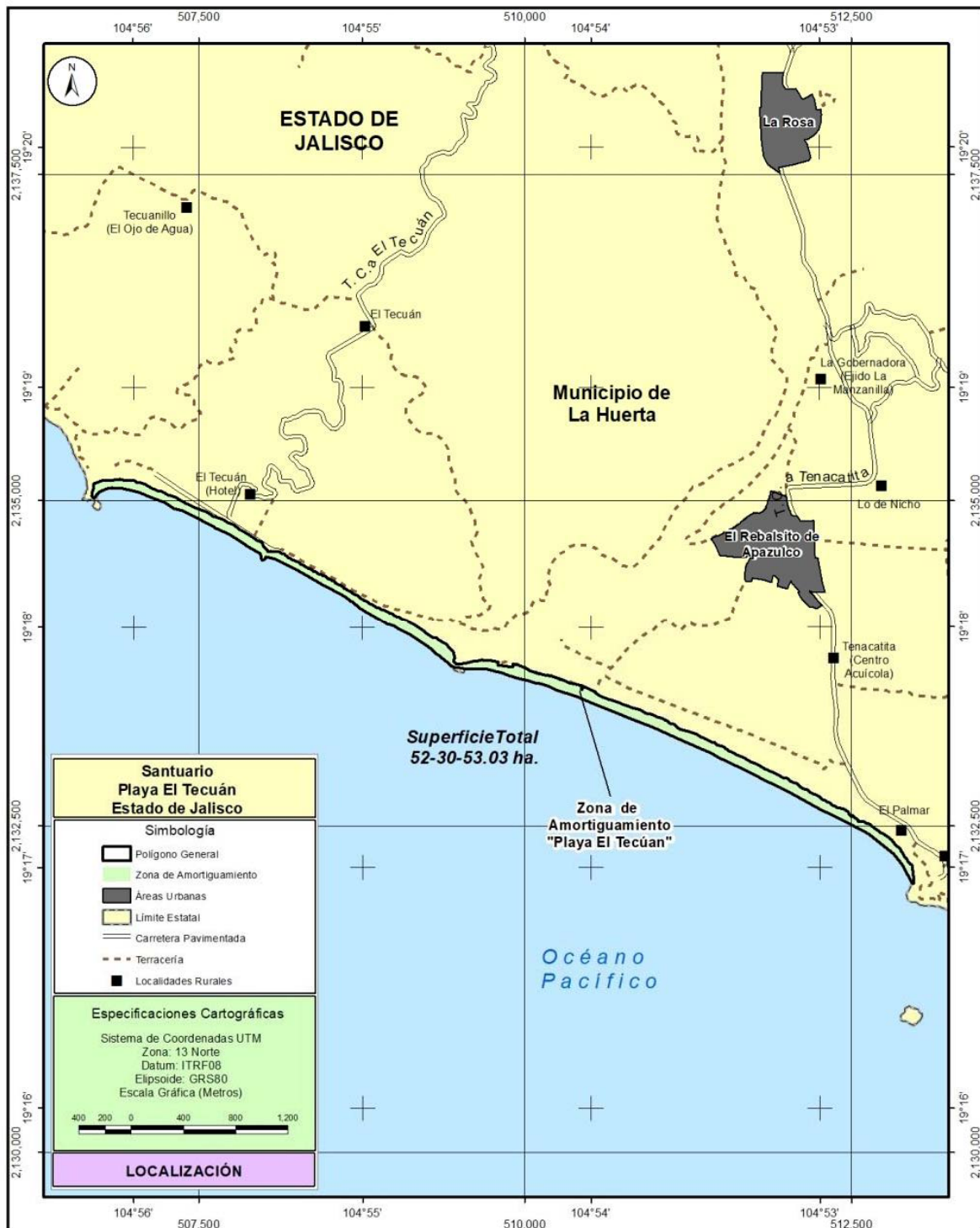
| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 282 - 283 | 65°47'38"SE | 23.41                 | 283          | 510,435.374300  | 2,133,573.018400 |
| 283 - 284 | 16°02'49"SW | 27.46                 | 284          | 510,427.784600  | 2,133,546.631800 |
| 284 - 285 | 69°26'38"SE | 9.04                  | 285          | 510,436.251300  | 2,133,543.456800 |
| 285 - 286 | 21°19'04"NE | 26.64                 | 286          | 510,445.934900  | 2,133,568.271000 |
| 286 - 287 | 65°47'38"SE | 91.49                 | 287          | 510,529.384800  | 2,133,530.756800 |
| 287 - 288 | 35°55'29"SE | 7.46                  | 288          | 510,533.763000  | 2,133,524.714100 |
| 288 - 289 | 47°12'09"SE | 32.37                 | 289          | 510,557.518000  | 2,133,502.718800 |
| 289 - 290 | 65°39'32"SE | 40.56                 | 290          | 510,594.470100  | 2,133,486.002400 |
| 290 - 291 | 73°04'21"SE | 42.30                 | 291          | 510,634.941600  | 2,133,473.685000 |
| 291 - 292 | 70°25'36"SE | 42.02                 | 292          | 510,674.533200  | 2,133,459.608000 |
| 292 - 293 | 72°04'19"SE | 31.44                 | 293          | 510,704.446800  | 2,133,449.930000 |
| 293 - 294 | 68°11'55"SE | 42.64                 | 294          | 510,744.038400  | 2,133,434.093400 |
| 294 - 295 | 71°22'19"SE | 82.63                 | 295          | 510,822.341800  | 2,133,407.699000 |
| 295 - 296 | 71°53'46"SE | 48.13                 | 296          | 510,868.092100  | 2,133,392.742100 |
| 296 - 297 | 74°55'53"SE | 23.69                 | 297          | 510,890.967200  | 2,133,386.583400 |
| 297 - 298 | 50°35'57"SE | 31.88                 | 298          | 510,915.602000  | 2,133,366.347700 |
| 298 - 299 | 75°15'24"SE | 17.29                 | 299          | 510,932.318500  | 2,133,361.948700 |
| 299 - 300 | 77°54'17"SE | 12.60                 | 300          | 510,944.635900  | 2,133,359.309200 |
| 300 - 301 | 90°00'00"NE | 17.60                 | 301          | 510,962.232100  | 2,133,359.309200 |
| 301 - 302 | 63°49'27"SE | 19.88                 | 302          | 510,980.070100  | 2,133,350.541200 |
| 302 - 303 | 64°03'27"SE | 48.34                 | 303          | 511,023.539600  | 2,133,329.393900 |
| 303 - 304 | 79°41'42"SE | 13.14                 | 304          | 511,036.462900  | 2,133,327.044200 |
| 304 - 305 | 67°45'03"SE | 27.93                 | 305          | 511,062.309700  | 2,133,316.470500 |
| 305 - 306 | 41°11'08"SE | 12.49                 | 306          | 511,070.533600  | 2,133,307.071700 |
| 306 - 307 | 90°00'00"NE | 14.10                 | 307          | 511,084.631800  | 2,133,307.071700 |
| 307 - 308 | 54°05'24"SE | 42.07                 | 308          | 511,118.702500  | 2,133,282.399800 |
| 308 - 309 | 76°45'34"SE | 20.52                 | 309          | 511,138.675000  | 2,133,277.700400 |
| 309 - 310 | 41°38'01"SE | 14.15                 | 310          | 511,148.073800  | 2,133,267.126800 |
| 310 - 311 | 57°10'16"SE | 43.34                 | 311          | 511,184.494200  | 2,133,243.629700 |
| 311 - 312 | 75°10'25"SE | 41.32                 | 312          | 511,224.439200  | 2,133,233.056100 |
| 312 - 313 | 72°33'09"SE | 43.10                 | 313          | 511,265.559000  | 2,133,220.132700 |
| 313 - 314 | 69°54'17"SE | 51.29                 | 314          | 511,313.727900  | 2,133,202.509900 |
| 314 - 315 | 55°37'10"SE | 27.05                 | 315          | 511,336.050000  | 2,133,187.236900 |
| 315 - 316 | 64°47'55"SE | 66.22                 | 316          | 511,395.967500  | 2,133,159.040400 |
| 316 - 317 | 64°17'24"SE | 35.21                 | 317          | 511,427.688500  | 2,133,143.767400 |
| 317 - 318 | 77°44'06"SE | 27.65                 | 318          | 511,454.710000  | 2,133,137.893100 |
| 318 - 319 | 34°41'42"SE | 18.58                 | 319          | 511,465.283700  | 2,133,122.620000 |
| 319 - 320 | 71°33'54"SE | 26.01                 | 320          | 511,489.955600  | 2,133,114.396100 |
| 320 - 321 | 72°38'45"SE | 19.69                 | 321          | 511,508.753200  | 2,133,108.521800 |
| 321 - 322 | 71°33'54"SE | 14.86                 | 322          | 511,522.851400  | 2,133,103.822400 |
| 322 - 323 | 55°10'32"SE | 32.92                 | 323          | 511,549.873000  | 2,133,085.024800 |
| 323 - 324 | 53°58'21"SE | 15.98                 | 324          | 511,562.796400  | 2,133,075.626000 |
| 324 - 325 | 69°26'38"SE | 20.08                 | 325          | 511,581.594000  | 2,133,068.576900 |
| 325 - 326 | 58°29'44"SE | 42.72                 | 326          | 511,618.014400  | 2,133,046.254700 |
| 326 - 327 | 67°06'33"SE | 57.39                 | 327          | 511,670.882700  | 2,133,023.932500 |
| 327 - 328 | 62°31'32"SE | 66.21                 | 328          | 511,729.625300  | 2,132,993.386400 |
| 328 - 329 | 65°53'51"SE | 48.91                 | 329          | 511,774.269600  | 2,132,973.413900 |
| 329 - 330 | 61°55'39"SE | 39.94                 | 330          | 511,809.515200  | 2,132,954.616300 |
| 330 - 331 | 59°44'36"SE | 32.64                 | 331          | 511,837.711600  | 2,132,938.168300 |
| 331 - 332 | 67°45'03"SE | 27.93                 | 332          | 511,863.558300  | 2,132,927.594700 |
| 332 - 333 | 61°37'51"SE | 66.76                 | 333          | 511,922.300900  | 2,132,895.873700 |
| 333 - 334 | 73°18'02"SE | 24.53                 | 334          | 511,945.798000  | 2,132,888.824600 |
| 334 - 335 | 54°27'44"SE | 20.21                 | 335          | 511,962.245900  | 2,132,877.076100 |
| 335 - 336 | 56°18'35"SE | 12.71                 | 336          | 511,972.819500  | 2,132,870.027000 |
| 336 - 337 | 70°33'36"SE | 21.18                 | 337          | 511,992.792000  | 2,132,862.977900 |
| 337 - 338 | 90°00'00"NE | 16.45                 | 338          | 512,009.239900  | 2,132,862.977900 |
| 338 - 339 | 46°44'08"SE | 27.43                 | 339          | 512,029.212400  | 2,132,844.180200 |
| 339 - 340 | 69°26'38"SE | 30.11                 | 340          | 512,057.408800  | 2,132,833.606600 |

| Est-PV                                                                                                                                                                   | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                          |             |                       |              | X               | Y                |
| 340 - 341                                                                                                                                                                | 75°04'07"SE | 18.24                 | 341          | 512,075.031600  | 2,132,828.907200 |
| 341 - 342                                                                                                                                                                | 49°11'05"SE | 34.15                 | 342          | 512,100.878300  | 2,132,806.585000 |
| 342 - 343                                                                                                                                                                | 50°54'22"SE | 24.22                 | 343          | 512,119.676000  | 2,132,791.311900 |
| 343 - 344                                                                                                                                                                | 70°33'35"SE | 21.18                 | 344          | 512,139.648400  | 2,132,784.262800 |
| 344 - 345                                                                                                                                                                | 70°33'36"SE | 21.18                 | 345          | 512,159.620900  | 2,132,777.213700 |
| 345 - 346                                                                                                                                                                | 50°54'21"SE | 24.22                 | 346          | 512,178.418500  | 2,132,761.940600 |
| 346 - 347                                                                                                                                                                | 65°05'43"SE | 36.27                 | 347          | 512,211.314400  | 2,132,746.667600 |
| 347 - 348                                                                                                                                                                | 61°06'47"SE | 38.91                 | 348          | 512,245.385100  | 2,132,727.869900 |
| 348 - 349                                                                                                                                                                | 48°48'50"SE | 24.98                 | 349          | 512,264.182700  | 2,132,711.422000 |
| 349 - 350                                                                                                                                                                | 55°29'29"SE | 22.81                 | 350          | 512,282.980300  | 2,132,698.498700 |
| 350 - 351                                                                                                                                                                | 71°33'52"SE | 14.86                 | 351          | 512,297.078500  | 2,132,693.799200 |
| 351 - 352                                                                                                                                                                | 71°33'54"SE | 18.58                 | 352          | 512,314.701300  | 2,132,687.925000 |
| 352 - 353                                                                                                                                                                | 58°23'33"SE | 17.93                 | 353          | 512,329.974400  | 2,132,678.526200 |
| 353 - 354                                                                                                                                                                | 47°29'21"SE | 19.13                 | 354          | 512,344.072600  | 2,132,665.602800 |
| 354 - 355                                                                                                                                                                | 59°44'37"SE | 16.32                 | 355          | 512,358.170800  | 2,132,657.378900 |
| 355 - 356                                                                                                                                                                | 66°48'04"SE | 17.89                 | 356          | 512,374.618700  | 2,132,650.329700 |
| 356 - 357                                                                                                                                                                | 55°18'18"SE | 18.58                 | 357          | 512,389.891800  | 2,132,639.756100 |
| 357 - 358                                                                                                                                                                | 85°14'10"SE | 28.29                 | 358          | 512,418.088200  | 2,132,637.406400 |
| 358 - 359                                                                                                                                                                | 67°37'11"SE | 21.60                 | 359          | 512,438.060700  | 2,132,629.182400 |
| 359 - 360                                                                                                                                                                | 61°33'25"SE | 32.07                 | 360          | 512,466.257100  | 2,132,613.909300 |
| 360 - 361                                                                                                                                                                | 45°00'00"SE | 14.95                 | 361          | 512,476.830800  | 2,132,603.335700 |
| 361 - 362                                                                                                                                                                | 21°02'15"SE | 16.36                 | 362          | 512,482.705100  | 2,132,588.062600 |
| 362 - 363                                                                                                                                                                | 44°59'59"SE | 21.60                 | 363          | 512,497.978100  | 2,132,572.789500 |
| 363 - 364                                                                                                                                                                | 53°58'20"NE | 15.98                 | 364          | 512,510.901500  | 2,132,582.188400 |
| 364 - 365                                                                                                                                                                | 32°00'18"SE | 22.17                 | 365          | 512,522.650000  | 2,132,563.390700 |
| 365 - 366                                                                                                                                                                | 59°02'10"SE | 27.40                 | 366          | 512,546.147000  | 2,132,549.292500 |
| 366 - 367                                                                                                                                                                | 11°18'35"SE | 11.98                 | 367          | 512,548.496700  | 2,132,537.544000 |
| 367 - 368                                                                                                                                                                | 56°18'37"SE | 8.47                  | 368          | 512,555.545900  | 2,132,532.844600 |
| 368 - 369                                                                                                                                                                | 90°00'00"NE | 25.85                 | 369          | 512,581.392600  | 2,132,532.844600 |
| 369 - 370                                                                                                                                                                | 90°00'00"NE | 14.10                 | 370          | 512,595.490800  | 2,132,532.844600 |
| 370 - 371                                                                                                                                                                | 51°50'33"SE | 20.92                 | 371          | 512,611.938700  | 2,132,519.921200 |
| 371 - 372                                                                                                                                                                | 77°28'16"SE | 21.66                 | 372          | 512,633.086100  | 2,132,515.221800 |
| 372 - 373                                                                                                                                                                | 53°07'48"SE | 41.12                 | 373          | 512,665.981900  | 2,132,490.549900 |
| 373 - 374                                                                                                                                                                | 59°02'10"SE | 41.10                 | 374          | 512,701.227400  | 2,132,469.402600 |
| 374 - 375                                                                                                                                                                | 46°58'30"SE | 24.11                 | 375          | 512,718.850200  | 2,132,452.954700 |
| 375 - 376                                                                                                                                                                | 56°58'33"SE | 28.02                 | 376          | 512,742.347200  | 2,132,437.681600 |
| 376 - 377                                                                                                                                                                | 68°11'55"SE | 18.98                 | 377          | 512,759.970000  | 2,132,430.632500 |
| 377 - 378                                                                                                                                                                | 53°07'48"SE | 29.37                 | 378          | 512,783.467000  | 2,132,413.009700 |
| 378 - 379                                                                                                                                                                | 43°36'10"SE | 34.07                 | 379          | 512,806.964100  | 2,132,388.337900 |
| 379 - 380                                                                                                                                                                | 42°52'43"SE | 22.45                 | 380          | 512,822.237100  | 2,132,371.889900 |
| 380 - 381                                                                                                                                                                | 33°41'24"SE | 21.18                 | 381          | 512,833.985600  | 2,132,354.267200 |
| 381 - 382                                                                                                                                                                | 56°53'19"SE | 32.26                 | 382          | 512,861.007200  | 2,132,336.644400 |
| 382 - 383                                                                                                                                                                | 35°32'15"SE | 20.21                 | 383          | 512,872.755700  | 2,132,320.196500 |
| 383 - 384                                                                                                                                                                | 28°18'02"SE | 17.35                 | 384          | 512,880.979700  | 2,132,304.923400 |
| 384 - 385                                                                                                                                                                | 34°59'31"SE | 14.34                 | 385          | 512,889.203700  | 2,132,293.174900 |
| 385 - 386                                                                                                                                                                | 35°50'15"SE | 26.09                 | 386          | 512,904.476700  | 2,132,272.027600 |
| 386 - 387                                                                                                                                                                | 29°44'41"SE | 18.94                 | 387          | 512,913.875500  | 2,132,255.579700 |
| 387 - 388                                                                                                                                                                | 41°38'01"SE | 14.15                 | 388          | 512,923.274400  | 2,132,245.006000 |
| 388 - 389                                                                                                                                                                | 28°18'01"SE | 17.35                 | 389          | 512,931.498300  | 2,132,229.732900 |
| 389 - 390                                                                                                                                                                | 34°59'31"SE | 14.34                 | 390          | 512,939.722300  | 2,132,217.984400 |
| 390 - 391                                                                                                                                                                | 46°17'12"SE | 30.43                 | 391          | 512,961.714800  | 2,132,196.958200 |
| 391 - 392                                                                                                                                                                | 08°31'51"SE | 47.12                 | 392          | 512,968.704800  | 2,132,150.358600 |
| 392 - 393                                                                                                                                                                | 10°00'28"SE | 40.22                 | 393          | 512,975.694700  | 2,132,110.748900 |
| 393 - 394                                                                                                                                                                | 01°04'29"SW | 55.14                 | 394          | 512,974.660300  | 2,132,055.622600 |
| A partir de este vértice 394 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 7,188.11 metros hasta llegar al vértice 395. |             |                       |              |                 |                  |
|                                                                                                                                                                          |             |                       | 395          | 506,696.670000  | 2,135,019.457000 |
| 395 - 396                                                                                                                                                                | 37°34'07"NW | 25.62                 | 396          | 506,681.047800  | 2,135,039.765800 |
| 396 - 397                                                                                                                                                                | 15°56'43"NE | 32.32                 | 397          | 506,689.926600  | 2,135,070.841600 |
| 397 - 398                                                                                                                                                                | 12°59'40"NE | 29.61                 | 398          | 506,696.585600  | 2,135,099.697600 |
| 398 - 1                                                                                                                                                                  | 04°05'08"NE | 31.15                 | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“Playa El Tecuán”**  
**(Superficie 52-30-53.03 hectáreas)**

Los límites de la zona de amortiguamiento corresponden a los del polígono general.

| Polígono general | Superficie (ha)  | Zonificación    | Nombre          | Superficie (ha)  |
|------------------|------------------|-----------------|-----------------|------------------|
| Playa El Tecuán  | 52.305303        | Amortiguamiento | Playa El Tecuán | 52.305303        |
| <b>Total</b>     | <b>52.305303</b> | <b>Total</b>    |                 | <b>52.305303</b> |



**“Playa Colola”**

El Santuario conocido como Playa Colola, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de Aquila, en el estado de Michoacán de Ocampo, con una superficie total de 77-04-93.92 hectáreas (SETENTA Y SIETE HECTÁREAS, CUATRO ÁREAS, NOVENTA Y TRES PUNTO NOVENTA Y DOS CENTIÁREAS). En el área se ubican tres zonas de amortiguamiento con una superficie de 36-84-56.00 hectáreas (TREINTA Y SEIS HECTÁREAS, OCHENTA Y CUATRO ÁREAS, CINCUENTA Y SEIS CENTIÁREAS) y una zona núcleo con una superficie de 40-20-37.92 hectáreas (CUARENTA HECTÁREAS, VEINTE ÁREAS, TREINTA Y SIETE PUNTO NOVENTA Y DOS CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Colola, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**El Polígono General se conforma por 2 polígonos, que se describen a continuación:**

**(Superficie total 77-04-93.92 hectáreas)**

**Polígono 1**

**(Superficie 71-00-59.18 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 663,965.067600  | 2,025,335.590300 |
| 1 - 2   | 45°00'00"NE | 22.26                 | 2            | 663,980.810300  | 2,025,351.333000 |
| 2 - 3   | 26°33'54"NE | 33.13                 | 3            | 663,995.627000  | 2,025,380.966400 |
| 3 - 4   | 58°48'56"SE | 17.44                 | 4            | 664,010.545900  | 2,025,371.936800 |
| 4 - 5   | 80°32'15"SE | 12.07                 | 5            | 664,022.452100  | 2,025,369.952400 |
| 5 - 6   | 78°26'16"NE | 17.99                 | 6            | 664,040.077100  | 2,025,373.558100 |
| 6 - 7   | 13°29'44"NE | 23.81                 | 7            | 664,045.633300  | 2,025,396.709200 |
| 7 - 8   | 71°01'47"NE | 31.34                 | 8            | 664,075.266700  | 2,025,406.895600 |
| 8 - 9   | 64°32'12"SE | 21.54                 | 9            | 664,094.713600  | 2,025,397.635200 |
| 9 - 10  | 29°31'57"SE | 42.61                 | 10           | 664,115.717900  | 2,025,360.559700 |
| 10 - 11 | 51°19'50"SE | 42.24                 | 11           | 664,148.694600  | 2,025,334.169500 |
| 11 - 12 | 71°09'20"SE | 43.41                 | 12           | 664,189.779800  | 2,025,320.147500 |
| 12 - 13 | 80°10'31"NE | 36.81                 | 13           | 664,226.049400  | 2,025,326.428400 |
| 13 - 14 | 68°48'05"SE | 294.14                | 14           | 664,500.290600  | 2,025,220.065700 |
| 14 - 15 | 60°10'47"SE | 37.51                 | 15           | 664,532.834400  | 2,025,201.412500 |
| 15 - 16 | 81°59'59"NE | 74.14                 | 16           | 664,606.256400  | 2,025,211.731300 |
| 16 - 17 | 84°43'34"SE | 51.81                 | 17           | 664,657.850300  | 2,025,206.968800 |
| 17 - 18 | 77°16'46"SE | 180.24                | 18           | 664,833.666200  | 2,025,167.281200 |
| 18 - 19 | 62°51'53"SE | 35.68                 | 19           | 664,865.416300  | 2,025,151.009300 |
| 19 - 20 | 86°49'12"SE | 21.46                 | 20           | 664,886.847600  | 2,025,149.818700 |
| 20 - 21 | 70°33'08"SE | 163.31                | 21           | 665,040.835400  | 2,025,095.446700 |
| 21 - 22 | 62°51'22"SE | 87.86                 | 22           | 665,119.019900  | 2,025,055.362200 |
| 22 - 23 | 65°13'29"SE | 85.24                 | 23           | 665,196.410700  | 2,025,019.643400 |
| 23 - 24 | 09°02'13"SW | 80.99                 | 24           | 665,183.689200  | 2,024,939.658400 |
| 24 - 25 | 41°11'26"SE | 86.21                 | 25           | 665,240.463900  | 2,024,874.783700 |
| 25 - 26 | 65°33'21"SE | 86.32                 | 26           | 665,319.045300  | 2,024,839.064900 |
| 26 - 27 | 31°06'34"SW | 41.06                 | 27           | 665,297.831600  | 2,024,803.911800 |
| 27 - 28 | 85°08'23"NE | 59.10                 | 28           | 665,356.723000  | 2,024,808.919300 |
| 28 - 29 | 05°11'40"NE | 28.04                 | 29           | 665,359.262100  | 2,024,836.849000 |
| 29 - 30 | 66°34'16"NE | 21.63                 | 30           | 665,379.105900  | 2,024,845.448000 |
| 30 - 31 | 70°42'36"SE | 28.03                 | 31           | 665,405.564300  | 2,024,836.187600 |
| 31 - 32 | 53°25'37"NE | 25.53                 | 32           | 665,426.069500  | 2,024,851.401100 |
| 32 - 33 | 27°31'59"NE | 33.37                 | 33           | 665,441.495400  | 2,024,880.992100 |
| 33 - 34 | 70°42'35"NE | 19.62                 | 34           | 665,460.016300  | 2,024,887.474400 |
| 34 - 35 | 64°05'36"SE | 36.03                 | 35           | 665,492.427800  | 2,024,871.731700 |
| 35 - 36 | 28°18'02"NE | 27.35                 | 36           | 665,505.392400  | 2,024,895.808800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 36 - 37 | 65°23'24"SE | 195.69                | 37           | 665,683.307800  | 2,024,814.315600 |
| 37 - 38 | 62°07'11"SE | 46.79                 | 38           | 665,724.669700  | 2,024,792.433900 |
| 38 - 39 | 70°04'28"SE | 10.26                 | 39           | 665,734.315800  | 2,024,788.937200 |
| 39 - 40 | 80°45'41"SE | 14.67                 | 40           | 665,748.793900  | 2,024,786.582300 |
| 40 - 41 | 74°05'33"SE | 12.71                 | 41           | 665,761.021500  | 2,024,783.097500 |
| 41 - 42 | 78°07'49"SE | 10.38                 | 42           | 665,771.177200  | 2,024,780.963000 |
| 42 - 43 | 71°28'43"SE | 10.48                 | 43           | 665,781.118200  | 2,024,777.632700 |
| 43 - 44 | 85°24'15"NE | 10.11                 | 44           | 665,791.191200  | 2,024,778.442400 |
| 44 - 45 | 86°15'00"NE | 9.65                  | 45           | 665,800.823100  | 2,024,779.073700 |
| 45 - 46 | 72°27'46"SE | 4.47                  | 46           | 665,805.087800  | 2,024,777.726000 |
| 46 - 47 | 63°10'29"SE | 13.40                 | 47           | 665,817.049400  | 2,024,771.677200 |
| 47 - 48 | 65°14'09"SE | 16.91                 | 48           | 665,832.403000  | 2,024,764.594500 |
| 48 - 49 | 66°04'27"SE | 16.29                 | 49           | 665,847.297400  | 2,024,757.986200 |
| 49 - 50 | 69°10'24"SE | 11.34                 | 50           | 665,857.894900  | 2,024,753.955000 |
| 50 - 51 | 57°26'29"SE | 13.33                 | 51           | 665,869.126900  | 2,024,746.783300 |
| 51 - 52 | 66°07'41"SE | 12.00                 | 52           | 665,880.103700  | 2,024,741.925500 |
| 52 - 53 | 51°55'59"SE | 12.72                 | 53           | 665,890.118200  | 2,024,734.082500 |
| 53 - 54 | 57°38'04"SE | 17.33                 | 54           | 665,904.752200  | 2,024,724.807900 |
| 54 - 55 | 62°11'47"SE | 14.03                 | 55           | 665,917.166500  | 2,024,718.261600 |
| 55 - 56 | 63°29'45"SE | 13.71                 | 56           | 665,929.433200  | 2,024,712.144600 |
| 56 - 57 | 50°28'25"SE | 12.77                 | 57           | 665,939.279300  | 2,024,704.020500 |
| 57 - 58 | 62°34'59"SE | 14.76                 | 58           | 665,952.379800  | 2,024,697.225000 |
| 58 - 59 | 62°28'39"SE | 14.36                 | 59           | 665,965.112800  | 2,024,690.590300 |
| 59 - 60 | 67°34'36"SE | 12.80                 | 60           | 665,976.947700  | 2,024,685.706700 |
| 60 - 61 | 74°05'09"SE | 15.05                 | 61           | 665,991.424200  | 2,024,681.579100 |
| 61 - 62 | 75°19'08"SE | 12.95                 | 62           | 666,003.949900  | 2,024,678.297500 |
| 62 - 63 | 54°30'08"SE | 15.85                 | 63           | 666,016.852800  | 2,024,669.094800 |
| 63 - 64 | 62°22'07"SE | 17.24                 | 64           | 666,032.124300  | 2,024,661.100400 |
| 64 - 65 | 65°31'53"SE | 16.20                 | 65           | 666,046.864900  | 2,024,654.392500 |
| 65 - 66 | 51°48'45"SE | 17.55                 | 66           | 666,060.657700  | 2,024,643.543600 |
| 66 - 67 | 49°05'25"SE | 17.40                 | 67           | 666,073.809100  | 2,024,632.147600 |
| 67 - 68 | 56°46'18"SE | 15.50                 | 68           | 666,086.776800  | 2,024,623.652700 |
| 68 - 69 | 53°41'28"SE | 14.90                 | 69           | 666,098.783900  | 2,024,614.829800 |
| 69 - 70 | 55°24'10"SE | 15.48                 | 70           | 666,111.526300  | 2,024,606.040400 |
| 70 - 71 | 64°16'13"SE | 14.70                 | 71           | 666,124.766100  | 2,024,599.660100 |
| 71 - 72 | 63°29'06"SE | 14.57                 | 72           | 666,137.801000  | 2,024,593.156900 |
| 72 - 73 | 59°50'51"SE | 14.05                 | 73           | 666,149.946600  | 2,024,586.101500 |
| 73 - 74 | 64°03'20"SE | 14.65                 | 74           | 666,163.122200  | 2,024,579.691200 |
| 74 - 75 | 61°54'28"SE | 15.08                 | 75           | 666,176.428500  | 2,024,572.588700 |
| 75 - 76 | 62°53'36"SE | 14.00                 | 76           | 666,188.892200  | 2,024,566.208900 |
| 76 - 77 | 59°19'34"SE | 13.58                 | 77           | 666,200.574500  | 2,024,559.279700 |
| 77 - 78 | 65°24'28"SE | 13.77                 | 78           | 666,213.095400  | 2,024,553.549300 |
| 78 - 79 | 82°10'08"SE | 14.89                 | 79           | 666,227.851000  | 2,024,551.519900 |
| 79 - 80 | 82°34'47"SE | 14.41                 | 80           | 666,242.138800  | 2,024,549.659100 |
| 80 - 81 | 66°33'36"SE | 14.04                 | 81           | 666,255.022400  | 2,024,544.073200 |
| 81 - 82 | 67°02'10"SE | 13.77                 | 82           | 666,267.699100  | 2,024,538.701700 |
| 82 - 83 | 73°10'05"SE | 14.20                 | 83           | 666,281.292800  | 2,024,534.589300 |
| 83 - 84 | 60°40'33"SE | 12.99                 | 84           | 666,292.616900  | 2,024,528.228300 |
| 84 - 85 | 55°55'42"SE | 13.69                 | 85           | 666,303.957700  | 2,024,520.558200 |
| 85 - 86 | 66°08'38"SE | 13.13                 | 86           | 666,315.964600  | 2,024,515.248500 |
| 86 - 87 | 63°44'14"SE | 13.06                 | 87           | 666,327.676900  | 2,024,509.469400 |
| 87 - 88 | 59°23'49"SE | 9.32                  | 88           | 666,335.697000  | 2,024,504.725800 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 88 - 89   | 52°15'32"SE | 2.86                  | 89           | 666,337.960600  | 2,024,502.973700 |
| 89 - 90   | 61°43'59"SE | 10.54                 | 90           | 666,347.239800  | 2,024,497.984300 |
| 90 - 91   | 60°27'15"SE | 11.48                 | 91           | 666,357.230200  | 2,024,492.321500 |
| 91 - 92   | 61°06'37"SE | 11.73                 | 92           | 666,367.501500  | 2,024,486.653900 |
| 92 - 93   | 60°10'07"SE | 10.67                 | 93           | 666,376.759500  | 2,024,481.345100 |
| 93 - 94   | 53°25'32"SE | 8.12                  | 94           | 666,383.283500  | 2,024,476.504500 |
| 94 - 95   | 50°54'40"SE | 9.42                  | 95           | 666,390.597300  | 2,024,470.563100 |
| 95 - 96   | 42°35'50"SE | 33.41                 | 96           | 666,413.211600  | 2,024,445.967900 |
| 96 - 97   | 35°17'53"SE | 2.07                  | 97           | 666,414.405200  | 2,024,444.282000 |
| 97 - 98   | 33°35'23"SE | 96.06                 | 98           | 666,467.551600  | 2,024,364.259800 |
| 98 - 99   | 69°31'10"SE | 82.05                 | 99           | 666,544.413200  | 2,024,335.552500 |
| 99 - 100  | 19°01'30"NE | 50.89                 | 100          | 666,561.002000  | 2,024,383.661000 |
| 100 - 101 | 69°16'27"SE | 130.84                | 101          | 666,683.372000  | 2,024,337.358800 |
| 101 - 102 | 31°15'49"SE | 21.67                 | 102          | 666,694.616800  | 2,024,318.837900 |
| 102 - 103 | 58°55'15"SE | 56.38                 | 103          | 666,742.903400  | 2,024,289.733700 |
| 103 - 104 | 68°52'31"SE | 31.20                 | 104          | 666,772.007600  | 2,024,278.488900 |
| 104 - 105 | 34°59'31"SE | 16.15                 | 105          | 666,781.268100  | 2,024,265.259700 |
| 105 - 106 | 75°57'49"NW | 49.09                 | 106          | 666,733.643000  | 2,024,277.166000 |
| 106 - 107 | 73°08'29"SW | 22.81                 | 107          | 666,711.814800  | 2,024,270.551400 |
| 107 - 108 | 46°50'51"SW | 14.51                 | 108          | 666,701.231400  | 2,024,260.629500 |
| 108 - 109 | 20°33'22"SE | 11.30                 | 109          | 666,705.200200  | 2,024,250.046100 |
| 109 - 110 | 86°33'06"NE | 34.46                 | 110          | 666,739.596100  | 2,024,252.118700 |
| 110 - 111 | 76°11'05"SE | 33.24                 | 111          | 666,771.875300  | 2,024,244.181200 |
| 111 - 112 | 79°30'30"SW | 29.06                 | 112          | 666,743.300300  | 2,024,238.889500 |
| 112 - 113 | 84°48'20"SW | 17.53                 | 113          | 666,725.837700  | 2,024,237.302000 |
| 113 - 114 | 28°01'24"SW | 11.97                 | 114          | 666,720.212900  | 2,024,226.733700 |
| 114 - 115 | 76°40'32"SE | 16.52                 | 115          | 666,736.288800  | 2,024,222.926300 |
| 115 - 116 | 81°52'11"NE | 42.10                 | 116          | 666,777.960800  | 2,024,228.879400 |
| 116 - 117 | 55°07'28"SE | 26.61                 | 117          | 666,799.788900  | 2,024,213.665800 |
| 117 - 118 | 82°30'14"SE | 25.35                 | 118          | 666,824.924400  | 2,024,210.358500 |
| 118 - 119 | 84°05'37"NE | 19.28                 | 119          | 666,844.106700  | 2,024,212.342900 |
| 119 - 120 | 62°24'09"SE | 32.84                 | 120          | 666,873.211000  | 2,024,197.129300 |
| 120 - 121 | 73°10'43"SE | 29.71                 | 121          | 666,901.653700  | 2,024,188.530400 |
| 121 - 122 | 64°12'14"SE | 88.16                 | 122          | 666,981.028900  | 2,024,150.165700 |
| 122 - 123 | 65°25'58"SE | 25.46                 | 123          | 667,004.180000  | 2,024,139.582400 |
| 123 - 124 | 84°53'23"NE | 21.78                 | 124          | 667,025.875800  | 2,024,141.522600 |
| 124 - 125 | 66°48'05"NE | 12.09                 | 125          | 667,036.988400  | 2,024,146.285100 |
| 125 - 126 | 69°15'14"SE | 112.04                | 126          | 667,141.763600  | 2,024,106.597600 |
| 126 - 127 | 62°10'33"SE | 96.93                 | 127          | 667,227.488700  | 2,024,061.353700 |
| 127 - 128 | 61°45'45"SE | 97.31                 | 128          | 667,313.213900  | 2,024,015.316100 |
| 128 - 129 | 30°04'35"SW | 32.41                 | 129          | 667,296.972100  | 2,023,987.270900 |
| 129 - 130 | 61°34'23"SE | 599.16                | 130          | 667,823.890900  | 2,023,702.049500 |
| 130 - 131 | 57°12'23"SE | 164.14                | 131          | 667,961.871400  | 2,023,613.149300 |
| 131 - 132 | 54°46'06"SE | 181.39                | 132          | 668,110.038300  | 2,023,508.506400 |
| 132 - 133 | 18°34'44"SE | 148.14                | 133          | 668,157.236400  | 2,023,368.091100 |
| 133 - 134 | 01°47'19"SE | 31.63                 | 134          | 668,158.223900  | 2,023,336.471600 |
| 134 - 135 | 83°39'35"NE | 14.88                 | 135          | 668,173.009300  | 2,023,338.114400 |
| 135 - 136 | 27°29'34"SW | 61.82                 | 136          | 668,144.471600  | 2,023,283.277200 |
| 136 - 137 | 82°18'17"SW | 20.09                 | 137          | 668,124.564400  | 2,023,280.587400 |

A partir de este vértice 137 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 4,711.46 metros hasta llegar al vértice 1.

**Polígono 2**  
**(Superficie 6-04-34.73 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 668,241.968200  | 2,023,191.938800 |
| 1 - 2   | 25°40'36"NW | 20.80                 | 2            | 668,232.954600  | 2,023,210.687200 |
| 2 - 3   | 87°57'16"SW | 7.78                  | 3            | 668,225.182200  | 2,023,210.409600 |
| 3 - 4   | 34°59'31"NW | 11.30                 | 4            | 668,218.699900  | 2,023,219.670000 |
| 4 - 5   | 19°17'24"NW | 19.62                 | 5            | 668,212.217600  | 2,023,238.190900 |
| 5 - 6   | 11°33'17"NE | 16.92                 | 6            | 668,215.607300  | 2,023,254.770500 |
| 6 - 7   | 55°37'10"NE | 13.62                 | 7            | 668,226.846100  | 2,023,262.460200 |
| 7 - 8   | 55°37'11"NE | 29.02                 | 8            | 668,250.797000  | 2,023,278.847600 |
| 8 - 9   | 89°48'09"NE | 44.20                 | 9            | 668,295.000600  | 2,023,278.999900 |
| 9 - 10  | 62°57'18"NE | 20.03                 | 10           | 668,312.841900  | 2,023,288.108100 |
| 10 - 11 | 05°42'37"NW | 7.98                  | 11           | 668,312.048000  | 2,023,296.047200 |
| 11 - 12 | 05°42'48"NW | 1.33                  | 12           | 668,311.915800  | 2,023,297.368500 |
| 12 - 13 | 38°39'36"NE | 11.86                 | 13           | 668,319.324200  | 2,023,306.628900 |
| 13 - 14 | 74°44'40"NE | 10.56                 | 14           | 668,329.510700  | 2,023,309.407100 |
| 14 - 15 | 81°52'11"SE | 13.10                 | 15           | 668,342.475300  | 2,023,307.555000 |
| 15 - 16 | 34°41'38"SE | 3.70                  | 16           | 668,344.579000  | 2,023,304.516200 |
| 16 - 17 | 34°41'43"SE | 10.95                 | 17           | 668,350.809700  | 2,023,295.516400 |
| 17 - 18 | 81°52'12"SE | 6.55                  | 18           | 668,357.292000  | 2,023,294.590400 |
| 18 - 19 | 72°15'19"NE | 13.82                 | 19           | 668,370.449900  | 2,023,298.800900 |
| 19 - 20 | 72°15'19"NE | 10.49                 | 20           | 668,380.443100  | 2,023,301.998700 |
| 20 - 21 | 29°03'15"SE | 7.64                  | 21           | 668,384.155400  | 2,023,295.316500 |
| 21 - 22 | 29°03'16"SE | 11.42                 | 22           | 668,389.703500  | 2,023,285.329900 |
| 22 - 23 | 81°28'08"NE | 21.57                 | 23           | 668,411.037000  | 2,023,288.530000 |
| 23 - 24 | 81°28'09"NE | 15.88                 | 24           | 668,426.745200  | 2,023,290.886200 |
| 24 - 25 | 82°05'34"SE | 33.66                 | 25           | 668,460.082800  | 2,023,286.256000 |
| 25 - 26 | 66°07'28"SE | 61.77                 | 26           | 668,516.571400  | 2,023,261.252800 |
| 26 - 27 | 62°09'08"SE | 55.51                 | 27           | 668,565.651800  | 2,023,235.323600 |
| 27 - 28 | 60°15'18"SE | 52.26                 | 28           | 668,611.027900  | 2,023,209.394400 |
| 28 - 29 | 48°21'59"SE | 78.06                 | 29           | 668,669.368600  | 2,023,157.535900 |
| 29 - 30 | 47°13'10"SE | 56.66                 | 30           | 668,710.956700  | 2,023,119.051400 |
| 30 - 31 | 47°13'10"SE | 27.87                 | 31           | 668,731.413500  | 2,023,100.121200 |
| 31 - 32 | 48°10'48"SE | 23.61                 | 32           | 668,749.008400  | 2,023,084.378500 |
| 32 - 33 | 30°44'07"NE | 30.01                 | 33           | 668,764.343600  | 2,023,110.169600 |
| 33 - 34 | 72°38'46"NE | 2.78                  | 34           | 668,767.000600  | 2,023,110.999900 |
| 34 - 35 | 67°22'48"SE | 13.00                 | 35           | 668,779.000600  | 2,023,105.999900 |
| 35 - 36 | 20°08'10"SE | 31.95                 | 36           | 668,790.000600  | 2,023,075.999900 |
| 36 - 37 | 27°31'23"SE | 37.54                 | 37           | 668,807.349100  | 2,023,042.706500 |
| 37 - 38 | 48°56'43"SE | 38.07                 | 38           | 668,836.056500  | 2,023,017.703400 |
| 38 - 39 | 22°02'10"SW | 33.67                 | 39           | 668,823.425300  | 2,022,986.497000 |
| 39 - 40 | 22°02'10"SW | 8.29                  | 40           | 668,820.313700  | 2,022,978.809500 |
| 40 - 41 | 23°11'55"SE | 14.11                 | 41           | 668,825.870000  | 2,022,965.844900 |
| 41 - 42 | 00°00'00"SE | 16.67                 | 42           | 668,825.870000  | 2,022,949.176100 |
| 42 - 43 | 75°04'07"SE | 14.38                 | 43           | 668,839.760600  | 2,022,945.472000 |
| 43 - 44 | 56°18'36"NE | 5.97                  | 44           | 668,844.729700  | 2,022,948.784700 |
| 44 - 45 | 56°18'37"NE | 4.04                  | 45           | 668,848.095000  | 2,022,951.028200 |
| 45 - 46 | 63°26'05"SE | 4.14                  | 46           | 668,851.799200  | 2,022,949.176100 |
| 46 - 47 | 23°33'08"SW | 7.69                  | 47           | 668,848.725600  | 2,022,942.124900 |
| 47 - 48 | 23°33'07"SW | 31.71                 | 48           | 668,836.056500  | 2,022,913.060400 |
| 48 - 49 | 26°33'54"SE | 14.49                 | 49           | 668,842.538800  | 2,022,900.095800 |
| 49 - 50 | 36°52'12"SW | 9.26                  | 50           | 668,836.982500  | 2,022,892.687500 |
| 50 - 51 | 16°23'22"SW | 16.41                 | 51           | 668,832.352300  | 2,022,876.944800 |
| 51 - 52 | 02°26'12"SW | 12.09                 | 52           | 668,831.838200  | 2,022,864.864100 |
| 52 - 53 | 20°41'44"SW | 5.20                  | 53           | 668,830.000600  | 2,022,859.999900 |
| 53 - 54 | 52°25'53"SW | 16.40                 | 54           | 668,817.000600  | 2,022,849.999900 |
| 54 - 55 | 47°33'45"SW | 6.04                  | 55           | 668,812.543200  | 2,022,845.924400 |

A partir de este vértice 55 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 744.41 metros hasta llegar al vértice 1.

**Zona de Amortiguamiento****“Colola Norte”****(Superficie 10-96-03.61 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 664,075.266700  | 2,025,406.895800 |
| 1 - 2   | 64°32'12"SE | 21.54                 | 2            | 664,094.713600  | 2,025,397.635400 |
| 2 - 3   | 29°31'57"SE | 42.61                 | 3            | 664,115.717900  | 2,025,360.559900 |
| 3 - 4   | 51°19'50"SE | 42.24                 | 4            | 664,148.694600  | 2,025,334.169700 |
| 4 - 5   | 71°09'20"SE | 43.41                 | 5            | 664,189.779800  | 2,025,320.147800 |
| 5 - 6   | 80°10'31"NE | 36.81                 | 6            | 664,226.049400  | 2,025,326.428600 |
| 6 - 7   | 68°48'05"SE | 294.14                | 7            | 664,500.290600  | 2,025,220.065900 |
| 7 - 8   | 60°10'47"SE | 37.51                 | 8            | 664,532.834400  | 2,025,201.412700 |
| 8 - 9   | 81°59'59"NE | 74.14                 | 9            | 664,606.256400  | 2,025,211.731500 |
| 9 - 10  | 84°43'34"SE | 51.81                 | 10           | 664,657.850300  | 2,025,206.969000 |
| 10 - 11 | 77°16'46"SE | 180.24                | 11           | 664,833.666200  | 2,025,167.281400 |
| 11 - 12 | 62°51'57"SE | 1.32                  | 12           | 664,834.840500  | 2,025,166.679600 |
| 12 - 13 | 27°41'37"SW | 82.37                 | 13           | 664,796.559200  | 2,025,093.744900 |
| 13 - 14 | 27°38'07"SW | 124.91                | 14           | 664,738.618800  | 2,024,983.081200 |

A partir de este vértice 14 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 786.75 metros hasta llegar al vértice 15.

|         |             |       |    |                |                  |
|---------|-------------|-------|----|----------------|------------------|
|         |             |       | 15 | 664,018.517300 | 2,025,299.994900 |
| 15 - 16 | 84°41'07"SW | 15.98 | 16 | 664,002.608300 | 2,025,298.515000 |
| 16 - 17 | 48°10'47"SW | 16.86 | 17 | 663,990.040600 | 2,025,287.270200 |
| 17 - 18 | 73°48'39"NW | 21.35 | 18 | 663,969.535400 | 2,025,293.223300 |
| 18 - 19 | 26°00'54"NE | 17.26 | 19 | 663,977.106100 | 2,025,308.735200 |
| 19 - 20 | 24°08'43"NW | 29.43 | 20 | 663,965.067600 | 2,025,335.590500 |
| 20 - 21 | 45°00'00"NE | 22.26 | 21 | 663,980.810300 | 2,025,351.333200 |
| 21 - 22 | 26°33'54"NE | 33.13 | 22 | 663,995.627000 | 2,025,380.966600 |
| 22 - 23 | 58°48'56"SE | 17.44 | 23 | 664,010.545900 | 2,025,371.937000 |
| 23 - 24 | 80°32'15"SE | 12.07 | 24 | 664,022.452100 | 2,025,369.952600 |
| 24 - 25 | 78°26'16"NE | 17.99 | 25 | 664,040.077100 | 2,025,373.558300 |
| 25 - 26 | 13°29'44"NE | 23.81 | 26 | 664,045.633300 | 2,025,396.709400 |
| 26 - 1  | 71°01'47"NE | 31.34 | 1  |                |                  |

**Zona de Amortiguamiento****“Colola Sur”****(Superficie 19-84-17.66 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 666,716.950300  | 2,024,250.754300 |
| 1 - 2   | 86°33'05"NE | 22.69                 | 2            | 666,739.596100  | 2,024,252.118900 |
| 2 - 3   | 76°11'05"SE | 33.24                 | 3            | 666,771.875300  | 2,024,244.181400 |
| 3 - 4   | 79°30'30"SW | 29.06                 | 4            | 666,743.300300  | 2,024,238.889700 |
| 4 - 5   | 84°48'20"SW | 17.53                 | 5            | 666,725.837700  | 2,024,237.302200 |
| 5 - 6   | 28°01'24"SW | 11.97                 | 6            | 666,720.212900  | 2,024,226.733900 |
| 6 - 7   | 76°40'32"SE | 16.52                 | 7            | 666,736.288800  | 2,024,222.926500 |
| 7 - 8   | 81°52'11"NE | 42.10                 | 8            | 666,777.960800  | 2,024,228.879600 |
| 8 - 9   | 55°07'28"SE | 26.61                 | 9            | 666,799.788900  | 2,024,213.666000 |
| 9 - 10  | 82°30'14"SE | 25.35                 | 10           | 666,824.924400  | 2,024,210.358700 |
| 10 - 11 | 84°05'37"NE | 19.28                 | 11           | 666,844.106700  | 2,024,212.343100 |
| 11 - 12 | 62°24'09"SE | 32.84                 | 12           | 666,873.211000  | 2,024,197.129500 |
| 12 - 13 | 73°10'43"SE | 29.71                 | 13           | 666,901.653700  | 2,024,188.530600 |
| 13 - 14 | 64°12'14"SE | 88.16                 | 14           | 666,981.028900  | 2,024,150.165900 |
| 14 - 15 | 65°25'58"SE | 25.46                 | 15           | 667,004.180000  | 2,024,139.582600 |
| 15 - 16 | 84°53'23"NE | 21.78                 | 16           | 667,025.875800  | 2,024,141.522800 |
| 16 - 17 | 66°48'05"NE | 12.09                 | 17           | 667,036.988400  | 2,024,146.285300 |
| 17 - 18 | 69°15'14"SE | 112.04                | 18           | 667,141.763600  | 2,024,106.597800 |
| 18 - 19 | 62°10'33"SE | 96.93                 | 19           | 667,227.488700  | 2,024,061.353900 |
| 19 - 20 | 61°45'45"SE | 97.31                 | 20           | 667,313.213900  | 2,024,015.316300 |
| 20 - 21 | 30°04'35"SW | 32.41                 | 21           | 667,296.972100  | 2,023,987.271100 |
| 21 - 22 | 61°34'23"SE | 599.16                | 22           | 667,823.890900  | 2,023,702.049700 |
| 22 - 23 | 57°12'23"SE | 164.14                | 23           | 667,961.871400  | 2,023,613.149500 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 23 - 24 | 54°46'06"SE | 181.39                | 24           | 668,110.038300  | 2,023,508.506600 |
| 24 - 25 | 18°34'44"SE | 148.14                | 25           | 668,157.236400  | 2,023,368.091300 |
| 25 - 26 | 01°47'19"SE | 31.63                 | 26           | 668,158.223900  | 2,023,336.471800 |
| 26 - 27 | 83°39'35"NE | 14.88                 | 27           | 668,173.009300  | 2,023,338.114600 |
| 27 - 28 | 27°29'34"SW | 61.82                 | 28           | 668,144.471600  | 2,023,283.277400 |
| 28 - 29 | 82°18'17"SW | 20.09                 | 29           | 668,124.564400  | 2,023,280.587600 |

A partir de este vértice 29 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 1,665.26 metros hasta llegar al vértice 30.

|         |             |       |    |                |                  |
|---------|-------------|-------|----|----------------|------------------|
|         |             |       | 30 | 666,720.256500 | 2,024,127.242000 |
| 30 - 31 | 01°30'26"NW | 82.23 | 31 | 666,718.093200 | 2,024,209.444700 |
| 31 - 1  | 01°35'05"NW | 41.33 | 1  |                |                  |

### Zona de Amortiguamiento

#### “Chicuasa”

(Superficie 6-04-34.73 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 674,658.610200  | 2,020,696.115000 |
| 1 - 2   | 37°52'29"NW | 10.56                 | 2            | 674,652.127900  | 2,020,704.449400 |
| 2 - 3   | 06°42'35"NE | 15.85                 | 3            | 674,653.980000  | 2,020,720.192200 |
| 3 - 4   | 34°17'12"NE | 24.66                 | 4            | 674,667.870600  | 2,020,740.565100 |
| 4 - 5   | 48°48'45"NW | 2.49                  | 5            | 674,665.994700  | 2,020,742.206600 |
| 5 - 6   | 53°03'24"NE | 120.53                | 6            | 674,762.327100  | 2,020,814.648600 |
| 6 - 7   | 49°23'54"SE | 8.54                  | 7            | 674,768.809400  | 2,020,809.092300 |
| 7 - 8   | 51°34'54"NE | 34.28                 | 8            | 674,795.664600  | 2,020,830.391300 |
| 8 - 9   | 44°22'13"NE | 59.59                 | 9            | 674,837.336600  | 2,020,872.989300 |
| 9 - 10  | 37°21'59"NE | 64.08                 | 10           | 674,876.230400  | 2,020,923.921700 |
| 10 - 11 | 50°11'40"NE | 43.40                 | 11           | 674,909.568000  | 2,020,951.703000 |
| 11 - 12 | 66°37'50"NE | 81.71                 | 12           | 674,984.577500  | 2,020,984.114600 |
| 12 - 13 | 78°12'23"NE | 86.09                 | 13           | 675,068.847500  | 2,021,001.709400 |
| 13 - 14 | 74°17'28"NE | 61.57                 | 14           | 675,128.114300  | 2,021,018.378200 |
| 14 - 15 | 83°05'19"NE | 92.35                 | 15           | 675,219.792600  | 2,021,029.490700 |
| 15 - 16 | 88°54'27"SE | 172.25                | 16           | 675,392.013100  | 2,021,026.207100 |
| 16 - 17 | 73°06'47"SE | 202.29                | 17           | 675,585.579800  | 2,020,967.445800 |
| 17 - 18 | 71°10'11"SE | 212.31                | 18           | 675,786.531200  | 2,020,898.918600 |
| 18 - 19 | 68°22'08"SE | 115.56                | 19           | 675,893.952300  | 2,020,856.320600 |
| 19 - 20 | 22°14'43"NE | 22.87                 | 20           | 675,902.611000  | 2,020,877.490000 |
| 20 - 21 | 74°37'51"SE | 23.34                 | 21           | 675,925.117700  | 2,020,871.303700 |
| 21 - 22 | 71°38'52"SE | 39.17                 | 22           | 675,962.291000  | 2,020,858.972400 |
| 22 - 23 | 71°38'49"SE | 26.98                 | 23           | 675,987.899000  | 2,020,850.477100 |
| 23 - 24 | 71°38'51"SE | 26.44                 | 24           | 676,012.992800  | 2,020,842.152700 |
| 24 - 25 | 72°48'53"SE | 24.01                 | 25           | 676,035.933500  | 2,020,835.057900 |
| 25 - 26 | 62°01'16"SE | 11.22                 | 26           | 676,045.841200  | 2,020,829.794600 |
| 26 - 27 | 73°30'13"SE | 22.22                 | 27           | 676,067.145400  | 2,020,823.485500 |
| 27 - 28 | 75°08'42"SE | 16.59                 | 28           | 676,083.179100  | 2,020,819.232800 |
| 28 - 29 | 60°43'33"SE | 14.89                 | 29           | 676,096.165100  | 2,020,811.953100 |
| 29 - 30 | 72°20'24"SE | 19.75                 | 30           | 676,114.986300  | 2,020,805.961000 |
| 30 - 31 | 67°42'30"SE | 25.00                 | 31           | 676,138.122400  | 2,020,796.476200 |
| 31 - 32 | 71°23'59"SE | 29.07                 | 32           | 676,165.670000  | 2,020,787.205300 |
| 32 - 33 | 70°26'17"SE | 45.14                 | 33           | 676,208.205600  | 2,020,772.090900 |
| 33 - 34 | 70°26'15"SE | 45.00                 | 34           | 676,250.612800  | 2,020,757.021800 |
| 34 - 35 | 70°26'13"SE | 45.00                 | 35           | 676,293.012600  | 2,020,741.954900 |
| 35 - 36 | 70°26'17"SE | 45.12                 | 36           | 676,335.526500  | 2,020,726.848400 |
| 36 - 37 | 69°50'05"SE | 45.08                 | 37           | 676,377.847200  | 2,020,711.306600 |
| 37 - 38 | 71°01'25"SE | 46.57                 | 38           | 676,421.882000  | 2,020,696.164600 |
| 38 - 39 | 70°12'27"SE | 43.55                 | 39           | 676,462.857100  | 2,020,681.418800 |
| 39 - 40 | 68°57'21"SE | 32.79                 | 40           | 676,493.455900  | 2,020,669.646000 |
| 40 - 41 | 68°44'30"SE | 8.55                  | 41           | 676,501.427200  | 2,020,666.544800 |
| 41 - 42 | 65°08'53"SE | 136.76                | 42           | 676,625.526600  | 2,020,609.066900 |
| 42 - 43 | 62°39'00"SE | 30.24                 | 43           | 676,652.381900  | 2,020,595.176300 |
| 43 - 44 | 62°21'41"SE | 195.10                | 44           | 676,825.217300  | 2,020,504.672200 |
| 44 - 45 | 00°36'02"SW | 34.97                 | 45           | 676,824.850700  | 2,020,469.699700 |
| 45 - 46 | 52°36'56"SE | 35.85                 | 46           | 676,853.333300  | 2,020,447.935400 |
| 46 - 47 | 27°12'57"SW | 36.45                 | 47           | 676,836.664600  | 2,020,415.523800 |

A partir de este vértice 47 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 2,379.95 metros hasta llegar al vértice 1.

**Zona Núcleo****“Colola”****(Superficie 40-20-37.92 hectáreas)**

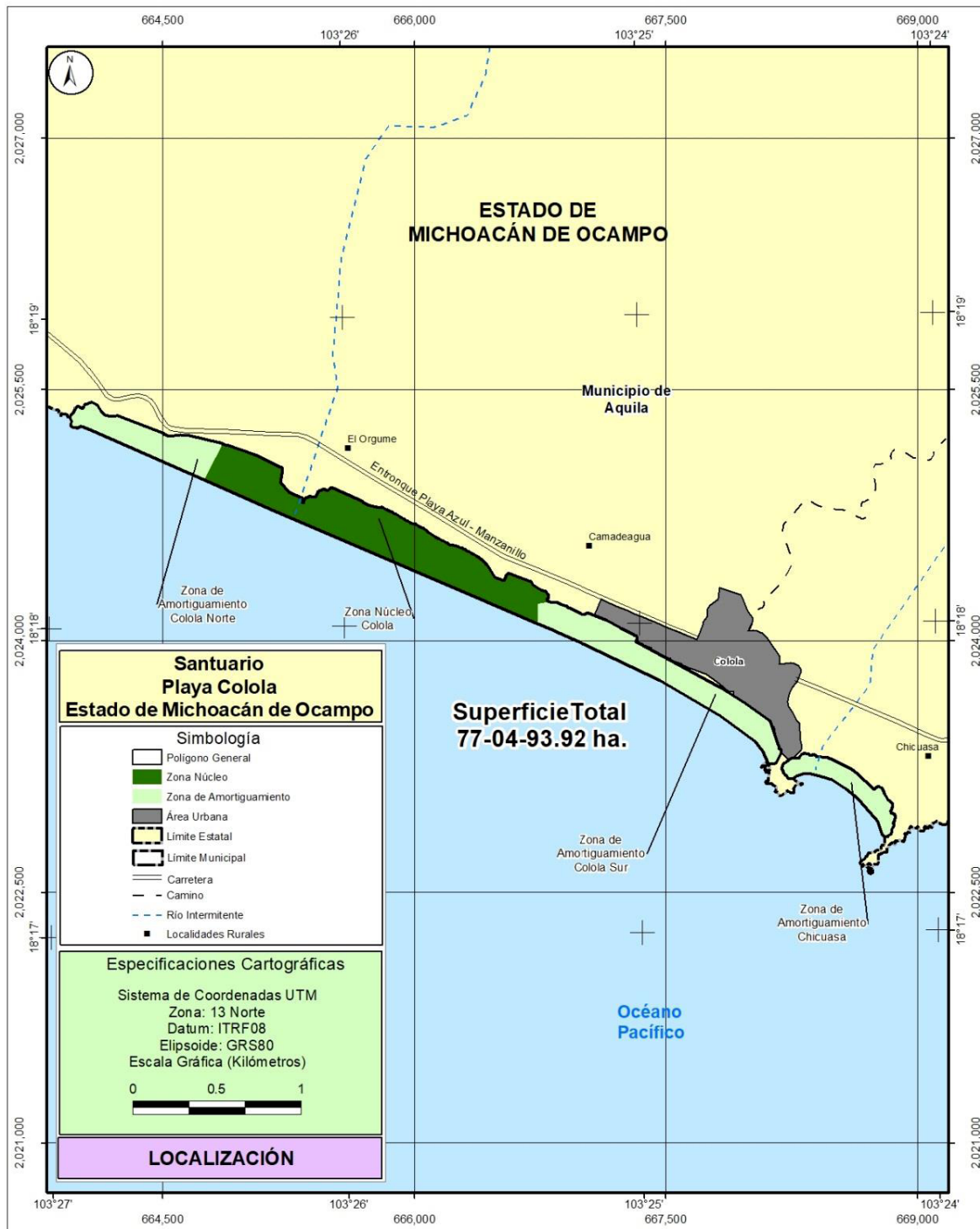
| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 664,834.840500  | 2,025,166.679600 |
| 1 - 2   | 62°51'53"SE | 34.36                 | 2            | 664,865.416300  | 2,025,151.009500 |
| 2 - 3   | 86°49'12"SE | 21.46                 | 3            | 664,886.847600  | 2,025,149.818900 |
| 3 - 4   | 70°33'08"SE | 163.31                | 4            | 665,040.835400  | 2,025,095.446900 |
| 4 - 5   | 62°51'22"SE | 87.86                 | 5            | 665,119.019900  | 2,025,055.362400 |
| 5 - 6   | 65°13'29"SE | 85.24                 | 6            | 665,196.410700  | 2,025,019.643600 |
| 6 - 7   | 09°02'13"SW | 80.99                 | 7            | 665,183.689200  | 2,024,939.658600 |
| 7 - 8   | 41°11'26"SE | 86.21                 | 8            | 665,240.463900  | 2,024,874.783900 |
| 8 - 9   | 65°33'21"SE | 86.32                 | 9            | 665,319.045300  | 2,024,839.065100 |
| 9 - 10  | 31°06'34"SW | 41.06                 | 10           | 665,297.831600  | 2,024,803.912000 |
| 10 - 11 | 85°08'23"NE | 59.10                 | 11           | 665,356.723000  | 2,024,808.919500 |
| 11 - 12 | 05°11'40"NE | 28.04                 | 12           | 665,359.262100  | 2,024,836.849200 |
| 12 - 13 | 66°34'16"NE | 21.63                 | 13           | 665,379.105900  | 2,024,845.448200 |
| 13 - 14 | 70°42'36"SE | 28.03                 | 14           | 665,405.564300  | 2,024,836.187800 |
| 14 - 15 | 53°25'37"NE | 25.53                 | 15           | 665,426.069500  | 2,024,851.401300 |
| 15 - 16 | 27°31'59"NE | 33.37                 | 16           | 665,441.495400  | 2,024,880.992300 |
| 16 - 17 | 70°42'35"NE | 19.62                 | 17           | 665,460.016300  | 2,024,887.474600 |
| 17 - 18 | 64°05'36"SE | 36.03                 | 18           | 665,492.427800  | 2,024,871.731900 |
| 18 - 19 | 28°18'02"NE | 27.35                 | 19           | 665,505.392400  | 2,024,895.809000 |
| 19 - 20 | 65°23'24"SE | 195.69                | 20           | 665,683.307800  | 2,024,814.315800 |
| 20 - 21 | 62°07'11"SE | 46.79                 | 21           | 665,724.669700  | 2,024,792.434100 |
| 21 - 22 | 70°04'28"SE | 10.26                 | 22           | 665,734.315800  | 2,024,788.937400 |
| 22 - 23 | 80°45'41"SE | 14.67                 | 23           | 665,748.793900  | 2,024,786.582500 |
| 23 - 24 | 74°05'33"SE | 12.71                 | 24           | 665,761.021500  | 2,024,783.097700 |
| 24 - 25 | 78°07'49"SE | 10.38                 | 25           | 665,771.177200  | 2,024,780.963200 |
| 25 - 26 | 71°28'43"SE | 10.48                 | 26           | 665,781.118200  | 2,024,777.632900 |
| 26 - 27 | 85°24'15"NE | 10.11                 | 27           | 665,791.191200  | 2,024,778.442600 |
| 27 - 28 | 86°15'00"NE | 9.65                  | 28           | 665,800.823100  | 2,024,779.073900 |
| 28 - 29 | 72°27'46"SE | 4.47                  | 29           | 665,805.087800  | 2,024,777.726200 |
| 29 - 30 | 63°10'29"SE | 13.40                 | 30           | 665,817.049400  | 2,024,771.677400 |
| 30 - 31 | 65°14'09"SE | 16.91                 | 31           | 665,832.403000  | 2,024,764.594700 |
| 31 - 32 | 66°04'27"SE | 16.29                 | 32           | 665,847.297400  | 2,024,757.986400 |
| 32 - 33 | 69°10'24"SE | 11.34                 | 33           | 665,857.894900  | 2,024,753.955200 |
| 33 - 34 | 57°26'29"SE | 13.33                 | 34           | 665,869.126900  | 2,024,746.783500 |
| 34 - 35 | 66°07'41"SE | 12.00                 | 35           | 665,880.103700  | 2,024,741.925700 |
| 35 - 36 | 51°55'59"SE | 12.72                 | 36           | 665,890.118200  | 2,024,734.082700 |
| 36 - 37 | 57°38'04"SE | 17.33                 | 37           | 665,904.752200  | 2,024,724.808100 |
| 37 - 38 | 62°11'47"SE | 14.03                 | 38           | 665,917.166500  | 2,024,718.261800 |
| 38 - 39 | 63°29'45"SE | 13.71                 | 39           | 665,929.433200  | 2,024,712.144800 |
| 39 - 40 | 50°28'25"SE | 12.77                 | 40           | 665,939.279300  | 2,024,704.020700 |
| 40 - 41 | 62°34'59"SE | 14.76                 | 41           | 665,952.379800  | 2,024,697.225200 |
| 41 - 42 | 62°28'39"SE | 14.36                 | 42           | 665,965.112800  | 2,024,690.590500 |
| 42 - 43 | 67°34'36"SE | 12.80                 | 43           | 665,976.947700  | 2,024,685.706900 |
| 43 - 44 | 74°05'09"SE | 15.05                 | 44           | 665,991.424200  | 2,024,681.579300 |
| 44 - 45 | 75°19'08"SE | 12.95                 | 45           | 666,003.949900  | 2,024,678.297700 |
| 45 - 46 | 54°30'08"SE | 15.85                 | 46           | 666,016.852800  | 2,024,669.095000 |
| 46 - 47 | 62°22'07"SE | 17.24                 | 47           | 666,032.124300  | 2,024,661.100600 |
| 47 - 48 | 65°31'53"SE | 16.20                 | 48           | 666,046.864900  | 2,024,654.392700 |
| 48 - 49 | 51°48'45"SE | 17.55                 | 49           | 666,060.657700  | 2,024,643.543800 |
| 49 - 50 | 49°05'25"SE | 17.40                 | 50           | 666,073.809100  | 2,024,632.147800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 50 - 51 | 56°46'18"SE | 15.50                 | 51           | 666,086.776800  | 2,024,623.652900 |
| 51 - 52 | 53°41'28"SE | 14.90                 | 52           | 666,098.783900  | 2,024,614.830000 |
| 52 - 53 | 55°24'10"SE | 15.48                 | 53           | 666,111.526300  | 2,024,606.040600 |
| 53 - 54 | 64°16'13"SE | 14.70                 | 54           | 666,124.766100  | 2,024,599.660300 |
| 54 - 55 | 63°29'06"SE | 14.57                 | 55           | 666,137.801000  | 2,024,593.157100 |
| 55 - 56 | 59°50'51"SE | 14.05                 | 56           | 666,149.946600  | 2,024,586.101700 |
| 56 - 57 | 64°03'20"SE | 14.65                 | 57           | 666,163.122200  | 2,024,579.691400 |
| 57 - 58 | 61°54'28"SE | 15.08                 | 58           | 666,176.428500  | 2,024,572.588900 |
| 58 - 59 | 62°53'36"SE | 14.00                 | 59           | 666,188.892200  | 2,024,566.209100 |
| 59 - 60 | 59°19'34"SE | 13.58                 | 60           | 666,200.574500  | 2,024,559.279900 |
| 60 - 61 | 65°24'28"SE | 13.77                 | 61           | 666,213.095400  | 2,024,553.549500 |
| 61 - 62 | 82°10'08"SE | 14.89                 | 62           | 666,227.851000  | 2,024,551.520100 |
| 62 - 63 | 82°34'47"SE | 14.41                 | 63           | 666,242.138800  | 2,024,549.659300 |
| 63 - 64 | 66°33'36"SE | 14.04                 | 64           | 666,255.022400  | 2,024,544.073400 |
| 64 - 65 | 67°02'10"SE | 13.77                 | 65           | 666,267.699100  | 2,024,538.701900 |
| 65 - 66 | 73°10'05"SE | 14.20                 | 66           | 666,281.292800  | 2,024,534.589500 |
| 66 - 67 | 60°40'33"SE | 12.99                 | 67           | 666,292.616900  | 2,024,528.228500 |
| 67 - 68 | 55°55'42"SE | 13.69                 | 68           | 666,303.957700  | 2,024,520.558400 |
| 68 - 69 | 66°08'38"SE | 13.13                 | 69           | 666,315.964600  | 2,024,515.248700 |
| 69 - 70 | 63°44'14"SE | 13.06                 | 70           | 666,327.676900  | 2,024,509.469600 |
| 70 - 71 | 59°23'49"SE | 9.32                  | 71           | 666,335.697000  | 2,024,504.726000 |
| 71 - 72 | 52°15'32"SE | 2.86                  | 72           | 666,337.960600  | 2,024,502.973900 |
| 72 - 73 | 61°43'59"SE | 10.54                 | 73           | 666,347.239800  | 2,024,497.984500 |
| 73 - 74 | 60°27'15"SE | 11.48                 | 74           | 666,357.230200  | 2,024,492.321700 |
| 74 - 75 | 61°06'37"SE | 11.73                 | 75           | 666,367.501500  | 2,024,486.654100 |
| 75 - 76 | 60°10'07"SE | 10.67                 | 76           | 666,376.759500  | 2,024,481.345300 |
| 76 - 77 | 53°25'32"SE | 8.12                  | 77           | 666,383.283500  | 2,024,476.504700 |
| 77 - 78 | 50°54'40"SE | 9.42                  | 78           | 666,390.597300  | 2,024,470.563300 |
| 78 - 79 | 42°35'50"SE | 33.41                 | 79           | 666,413.211600  | 2,024,445.968100 |
| 79 - 80 | 35°17'53"SE | 2.07                  | 80           | 666,414.405200  | 2,024,444.282200 |
| 80 - 81 | 33°35'23"SE | 96.06                 | 81           | 666,467.551600  | 2,024,364.260000 |
| 81 - 82 | 69°31'10"SE | 82.05                 | 82           | 666,544.413200  | 2,024,335.552700 |
| 82 - 83 | 19°01'30"NE | 50.89                 | 83           | 666,561.002000  | 2,024,383.661200 |
| 83 - 84 | 69°16'27"SE | 130.84                | 84           | 666,683.372000  | 2,024,337.359000 |
| 84 - 85 | 31°15'49"SE | 21.67                 | 85           | 666,694.616800  | 2,024,318.838100 |
| 85 - 86 | 58°55'16"SE | 24.28                 | 86           | 666,715.413300  | 2,024,306.303300 |
| 86 - 87 | 01°35'05"SE | 34.39                 | 87           | 666,716.364400  | 2,024,271.930300 |
| 87 - 88 | 73°08'28"SW | 4.75                  | 88           | 666,711.814800  | 2,024,270.551600 |
| 88 - 89 | 46°50'51"SW | 14.51                 | 89           | 666,701.231400  | 2,024,260.629700 |
| 89 - 90 | 20°33'22"SE | 11.30                 | 90           | 666,705.200200  | 2,024,250.046300 |
| 90 - 91 | 86°33'06"NE | 11.77                 | 91           | 666,716.950300  | 2,024,250.754300 |
| 91 - 92 | 01°35'05"SE | 41.33                 | 92           | 666,718.093200  | 2,024,209.444700 |
| 92 - 93 | 01°30'26"SE | 82.23                 | 93           | 666,720.256500  | 2,024,127.242000 |

A partir de este vértice 93 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 2,158.56 metros hasta llegar al vértice 94.

|         |             |        |    |                |                  |
|---------|-------------|--------|----|----------------|------------------|
|         |             |        | 94 | 664,738.618800 | 2,024,983.081200 |
| 94 - 95 | 27°38'07"NE | 124.91 | 95 | 664,796.559200 | 2,025,093.744900 |
| 95 - 1  | 27°41'37"NE | 82.37  | 1  |                |                  |

| Polígono general | Superficie (ha)  | Zonificación    | Nombre          | Superficie (ha)  |
|------------------|------------------|-----------------|-----------------|------------------|
| Playa Colola     | 77.049392        | Amortiguamiento | Colola Norte    | 10.960361        |
|                  |                  |                 | Colola Sur      | 19.841766        |
|                  |                  |                 | Chicuasa        | 6.043473         |
|                  |                  |                 | <b>Subtotal</b> | <b>36.845600</b> |
|                  |                  | Núcleo          | Colola          | 40.203792        |
| <b>Total</b>     | <b>77.049392</b> | <b>Total</b>    |                 | <b>77.049392</b> |



**"Playa Maruata"**

El Santuario conocido como Playa Maruata, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de Aquila, en el estado de Michoacán de Ocampo, con una superficie total de 12-42-97.68 hectáreas (DOCE HECTÁREAS, CUARENTA Y DOS ÁREAS, NOVENTA Y SIETE PUNTO SESENTA Y OCHO CENTIÁREAS). En el área se ubica una zona de amortiguamiento con una superficie de 5-08-94.17 hectáreas (CINCO HECTÁREAS, OCHO ÁREAS, NOVENTA Y CUATRO PUNTO DIECISIETE CENTIÁREAS) y una zona núcleo con una superficie de 7-34-03.51 hectáreas (SIETE HECTÁREAS, TREINTA Y CUATRO ÁREAS, TRES PUNTO CINCUENTA Y UNA CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Maruata, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General****(Superficie 12-42-97.68 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 674,658.610200  | 2,020,696.115000 |
| 1 - 2   | 37°52'29"NW | 10.56                 | 2            | 674,652.127900  | 2,020,704.449400 |
| 2 - 3   | 06°42'35"NE | 15.85                 | 3            | 674,653.980000  | 2,020,720.192200 |
| 3 - 4   | 34°17'12"NE | 24.66                 | 4            | 674,667.870600  | 2,020,740.565100 |
| 4 - 5   | 48°48'45"NW | 2.49                  | 5            | 674,665.994700  | 2,020,742.206600 |
| 5 - 6   | 53°03'24"NE | 120.53                | 6            | 674,762.327100  | 2,020,814.648600 |
| 6 - 7   | 49°23'54"SE | 8.54                  | 7            | 674,768.809400  | 2,020,809.092300 |
| 7 - 8   | 51°34'54"NE | 34.28                 | 8            | 674,795.664600  | 2,020,830.391300 |
| 8 - 9   | 44°22'13"NE | 59.59                 | 9            | 674,837.336600  | 2,020,872.989300 |
| 9 - 10  | 37°21'59"NE | 64.08                 | 10           | 674,876.230400  | 2,020,923.921700 |
| 10 - 11 | 50°11'40"NE | 43.40                 | 11           | 674,909.568000  | 2,020,951.703000 |
| 11 - 12 | 66°37'50"NE | 81.71                 | 12           | 674,984.577500  | 2,020,984.114600 |
| 12 - 13 | 78°12'23"NE | 86.09                 | 13           | 675,068.847500  | 2,021,001.709400 |
| 13 - 14 | 74°17'28"NE | 61.57                 | 14           | 675,128.114300  | 2,021,018.378200 |
| 14 - 15 | 83°05'19"NE | 92.35                 | 15           | 675,219.792600  | 2,021,029.490700 |
| 15 - 16 | 88°54'27"SE | 172.25                | 16           | 675,392.013100  | 2,021,026.207100 |
| 16 - 17 | 73°06'47"SE | 202.29                | 17           | 675,585.579800  | 2,020,967.445800 |
| 17 - 18 | 71°10'11"SE | 212.31                | 18           | 675,786.531200  | 2,020,898.918600 |
| 18 - 19 | 68°22'08"SE | 115.56                | 19           | 675,893.952300  | 2,020,856.320600 |
| 19 - 20 | 22°14'43"NE | 22.87                 | 20           | 675,902.611000  | 2,020,877.490000 |
| 20 - 21 | 74°37'51"SE | 23.34                 | 21           | 675,925.117700  | 2,020,871.303700 |
| 21 - 22 | 71°38'52"SE | 39.17                 | 22           | 675,962.291000  | 2,020,858.972400 |
| 22 - 23 | 71°38'49"SE | 26.98                 | 23           | 675,987.899000  | 2,020,850.477100 |
| 23 - 24 | 71°38'51"SE | 26.44                 | 24           | 676,012.992800  | 2,020,842.152700 |
| 24 - 25 | 72°48'53"SE | 24.01                 | 25           | 676,035.933500  | 2,020,835.057900 |
| 25 - 26 | 62°01'16"SE | 11.22                 | 26           | 676,045.841200  | 2,020,829.794600 |
| 26 - 27 | 73°30'13"SE | 22.22                 | 27           | 676,067.145400  | 2,020,823.485500 |
| 27 - 28 | 75°08'42"SE | 16.59                 | 28           | 676,083.179100  | 2,020,819.232800 |
| 28 - 29 | 60°43'33"SE | 14.89                 | 29           | 676,096.165100  | 2,020,811.953100 |
| 29 - 30 | 72°20'24"SE | 19.75                 | 30           | 676,114.986300  | 2,020,805.961000 |
| 30 - 31 | 67°42'30"SE | 25.00                 | 31           | 676,138.122400  | 2,020,796.476200 |
| 31 - 32 | 71°23'59"SE | 29.07                 | 32           | 676,165.670000  | 2,020,787.205300 |
| 32 - 33 | 70°26'17"SE | 45.14                 | 33           | 676,208.205600  | 2,020,772.090900 |
| 33 - 34 | 70°26'15"SE | 45.00                 | 34           | 676,250.612800  | 2,020,757.021800 |
| 34 - 35 | 70°26'13"SE | 45.00                 | 35           | 676,293.012600  | 2,020,741.954900 |
| 35 - 36 | 70°26'17"SE | 45.12                 | 36           | 676,335.526500  | 2,020,726.848400 |
| 36 - 37 | 69°50'05"SE | 45.08                 | 37           | 676,377.847200  | 2,020,711.306600 |
| 37 - 38 | 71°01'25"SE | 46.57                 | 38           | 676,421.882000  | 2,020,696.164600 |
| 38 - 39 | 70°12'27"SE | 43.55                 | 39           | 676,462.857100  | 2,020,681.418800 |
| 39 - 40 | 68°57'21"SE | 32.79                 | 40           | 676,493.455900  | 2,020,669.646000 |
| 40 - 41 | 68°44'30"SE | 8.55                  | 41           | 676,501.427200  | 2,020,666.544800 |
| 41 - 42 | 65°08'53"SE | 136.76                | 42           | 676,625.526600  | 2,020,609.066900 |
| 42 - 43 | 62°39'00"SE | 30.24                 | 43           | 676,652.381900  | 2,020,595.176300 |
| 43 - 44 | 62°21'41"SE | 195.10                | 44           | 676,825.217300  | 2,020,504.672200 |
| 44 - 45 | 00°36'02"SW | 34.97                 | 45           | 676,824.850700  | 2,020,469.699700 |
| 45 - 46 | 52°36'56"SE | 35.85                 | 46           | 676,853.333300  | 2,020,447.935400 |
| 46 - 47 | 27°12'57"SW | 36.45                 | 47           | 676,836.664600  | 2,020,415.523800 |

A partir de este vértice 47 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 2,379.95 metros hasta llegar al vértice 1.



**Zona Núcleo****“Maruata”****(Superficie 7-34-03.51 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 675,789.441000  | 2,020,897.764900 |
| 1 - 2   | 68°22'08"SE | 112.43                | 2            | 675,893.952300  | 2,020,856.320800 |
| 2 - 3   | 22°14'43"NE | 22.87                 | 3            | 675,902.611000  | 2,020,877.490200 |
| 3 - 4   | 74°37'51"SE | 23.34                 | 4            | 675,925.117700  | 2,020,871.303900 |
| 4 - 5   | 71°38'52"SE | 39.17                 | 5            | 675,962.291000  | 2,020,858.972600 |
| 5 - 6   | 71°38'49"SE | 26.98                 | 6            | 675,987.899000  | 2,020,850.477300 |
| 6 - 7   | 71°38'51"SE | 26.44                 | 7            | 676,012.992800  | 2,020,842.152900 |
| 7 - 8   | 72°48'53"SE | 24.01                 | 8            | 676,035.933500  | 2,020,835.058100 |
| 8 - 9   | 62°01'16"SE | 11.22                 | 9            | 676,045.841200  | 2,020,829.794800 |
| 9 - 10  | 73°30'13"SE | 22.22                 | 10           | 676,067.145400  | 2,020,823.485700 |
| 10 - 11 | 75°08'42"SE | 16.59                 | 11           | 676,083.179100  | 2,020,819.233000 |
| 11 - 12 | 60°43'33"SE | 14.89                 | 12           | 676,096.165100  | 2,020,811.953300 |
| 12 - 13 | 72°20'24"SE | 19.75                 | 13           | 676,114.986300  | 2,020,805.961200 |
| 13 - 14 | 67°42'30"SE | 25.00                 | 14           | 676,138.122400  | 2,020,796.476400 |
| 14 - 15 | 71°23'59"SE | 29.07                 | 15           | 676,165.670000  | 2,020,787.205500 |
| 15 - 16 | 70°26'17"SE | 45.14                 | 16           | 676,208.205600  | 2,020,772.091100 |
| 16 - 17 | 70°26'15"SE | 45.00                 | 17           | 676,250.612800  | 2,020,757.022000 |
| 17 - 18 | 70°26'13"SE | 45.00                 | 18           | 676,293.012600  | 2,020,741.955100 |
| 18 - 19 | 70°26'17"SE | 45.12                 | 19           | 676,335.526500  | 2,020,726.848600 |
| 19 - 20 | 69°50'05"SE | 45.08                 | 20           | 676,377.847200  | 2,020,711.306800 |
| 20 - 21 | 71°01'25"SE | 46.57                 | 21           | 676,421.882000  | 2,020,696.164800 |
| 21 - 22 | 70°12'27"SE | 43.55                 | 22           | 676,462.857100  | 2,020,681.419000 |
| 22 - 23 | 68°57'21"SE | 32.79                 | 23           | 676,493.455900  | 2,020,669.646200 |
| 23 - 24 | 68°44'30"SE | 8.55                  | 24           | 676,501.427200  | 2,020,666.545000 |
| 24 - 25 | 65°08'53"SE | 136.76                | 25           | 676,625.526600  | 2,020,609.067100 |
| 25 - 26 | 62°39'00"SE | 30.24                 | 26           | 676,652.381900  | 2,020,595.176500 |
| 26 - 27 | 62°21'41"SE | 195.10                | 27           | 676,825.217300  | 2,020,504.672400 |
| 27 - 28 | 00°36'02"SW | 34.97                 | 28           | 676,824.850700  | 2,020,469.699900 |
| 28 - 29 | 52°36'56"SE | 35.85                 | 29           | 676,853.333300  | 2,020,447.935600 |
| 29 - 30 | 27°12'57"SW | 19.01                 | 30           | 676,844.640300  | 2,020,431.032400 |
| 30 - 31 | 27°12'57"SW | 17.44                 | 31           | 676,836.664600  | 2,020,415.524000 |

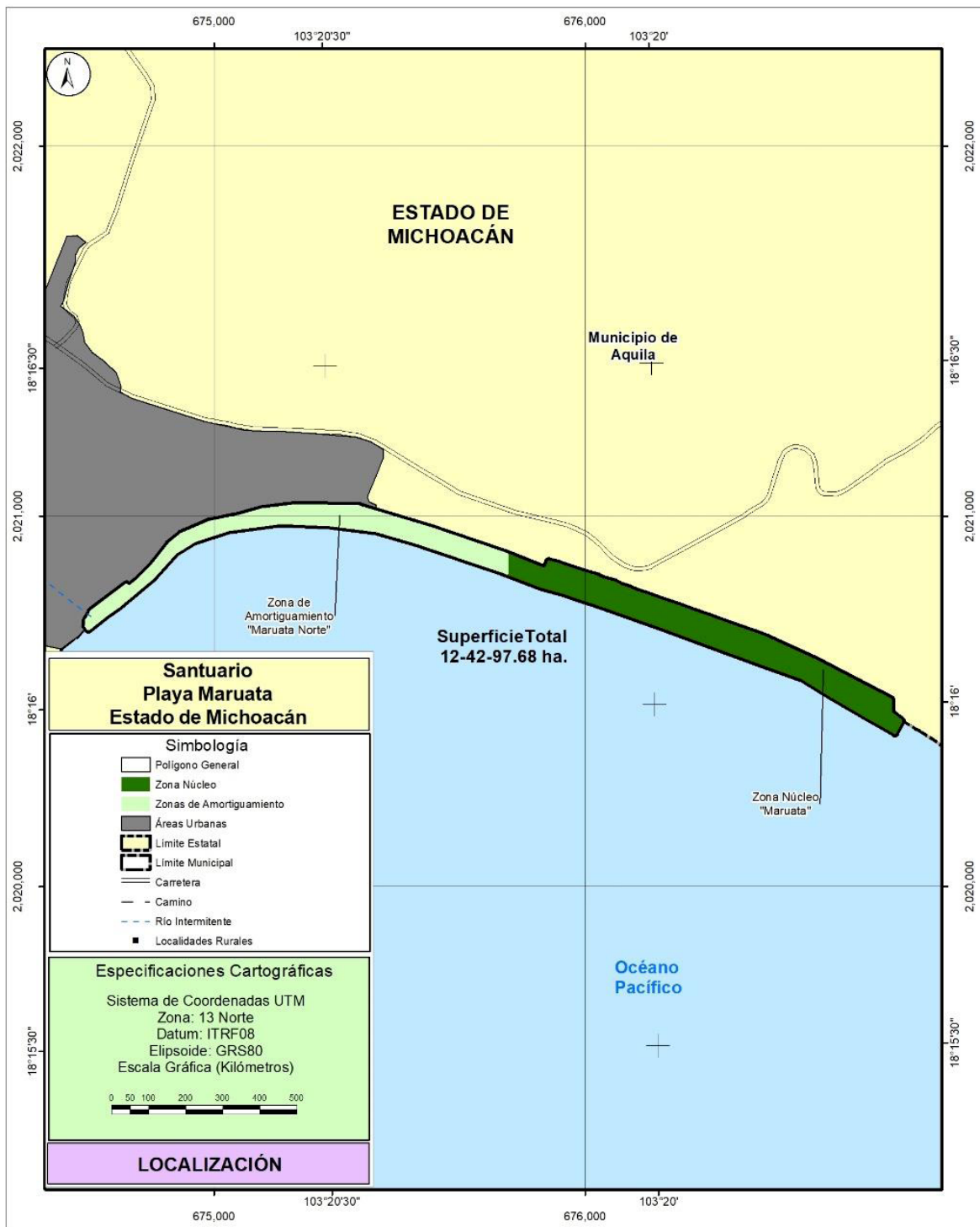
A partir de este vértice 31 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 1,136.53 metros hasta llegar al vértice 32.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 32 | 675,789.441000 | 2,020,846.032700 |
| 32 - 1 | 00°00'00"NE | 51.73 | 1  |                |                  |

**Zona de Amortiguamiento****“Maruata Norte”****(Superficie 5-08-94.17 hectáreas)**

| Est-PV                                                                                                                                                              | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                     |             |                       |              | X               | Y                |
|                                                                                                                                                                     |             |                       | 1            | 675,789.441000  | 2,020,897.764900 |
| 1 - 2                                                                                                                                                               | Sur Franco  | 51.73                 | 2            | 675,789.440950  | 2,020,846.032650 |
| A partir de este vértice 2 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 1,242.86 metros hasta llegar al vértice 3 |             |                       |              |                 |                  |
|                                                                                                                                                                     |             |                       | 3            | 674,658.610200  | 2,020,696.115000 |
| 3 - 4                                                                                                                                                               | 37°52'29"NW | 10.56                 | 4            | 674,652.127900  | 2,020,704.449400 |
| 4 - 5                                                                                                                                                               | 06°42'35"NE | 15.85                 | 5            | 674,653.980000  | 2,020,720.192200 |
| 5 - 6                                                                                                                                                               | 34°17'12"NE | 24.66                 | 6            | 674,667.870600  | 2,020,740.565100 |
| 6 - 7                                                                                                                                                               | 48°48'45"NW | 2.49                  | 7            | 674,665.994700  | 2,020,742.206600 |
| 7 - 8                                                                                                                                                               | 53°03'24"NE | 120.53                | 8            | 674,762.327100  | 2,020,814.648600 |
| 8 - 9                                                                                                                                                               | 49°23'54"SE | 8.54                  | 9            | 674,768.809400  | 2,020,809.092300 |
| 9 - 10                                                                                                                                                              | 51°34'54"NE | 34.28                 | 10           | 674,795.664600  | 2,020,830.391300 |
| 10 - 11                                                                                                                                                             | 44°22'13"NE | 59.59                 | 11           | 674,837.336600  | 2,020,872.989300 |
| 11 - 12                                                                                                                                                             | 37°21'59"NE | 64.08                 | 12           | 674,876.230400  | 2,020,923.921700 |
| 12 - 13                                                                                                                                                             | 50°11'40"NE | 43.40                 | 13           | 674,909.568000  | 2,020,951.703000 |
| 13 - 14                                                                                                                                                             | 66°37'50"NE | 81.71                 | 14           | 674,984.577500  | 2,020,984.114600 |
| 14 - 15                                                                                                                                                             | 78°12'23"NE | 86.09                 | 15           | 675,068.847500  | 2,021,001.709400 |
| 15 - 16                                                                                                                                                             | 74°17'28"NE | 61.57                 | 16           | 675,128.114300  | 2,021,018.378200 |
| 16 - 17                                                                                                                                                             | 83°05'19"NE | 92.35                 | 17           | 675,219.792600  | 2,021,029.490700 |
| 17 - 18                                                                                                                                                             | 88°54'27"SE | 172.25                | 18           | 675,392.013100  | 2,021,026.207100 |
| 18 - 19                                                                                                                                                             | 73°06'47"SE | 202.29                | 19           | 675,585.579800  | 2,020,967.445800 |
| 19 - 1                                                                                                                                                              | 71°07'45"SE | 215.44                | 1            |                 |                  |

| Polígono general | Superficie (ha)  | Zonificación    | Nombre        | Superficie (ha)  |
|------------------|------------------|-----------------|---------------|------------------|
| Playa Maruata    | 12.429768        | Amortiguamiento | Maruata Norte | 5.089417         |
|                  |                  | Núcleo          | Maruata       | 7.340351         |
| <b>Total</b>     | <b>12.429768</b> | <b>Total</b>    |               | <b>12.429768</b> |



**"Playa Mexiquillo"**

El Santuario conocido como Playa Mexiquillo, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de Aquila, en el estado de Michoacán de Ocampo, con una superficie total de 100-15-56.56 hectáreas (CIEN HECTÁREAS, QUINCE ÁREAS, CINCUENTA Y SEIS PUNTO CINCUENTA Y SEIS CENTIÁREAS). En el área se ubican dos zonas de amortiguamiento con una superficie de 69-29-27.03 hectáreas (SESENTA Y NUEVE HECTÁREAS, VEINTINUEVE ÁREAS, VEINTISIETE PUNTO TRES CENTIÁREAS) y una zona núcleo con una superficie de 30-86-29.53 hectáreas (TREINTA HECTÁREAS, OCHENTA Y SEIS ÁREAS, VEINTINUEVE PUNTO CINCUENTA Y TRES CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Mexiquillo, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 13 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General****(Superficie 100-15-56.56 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 714,811.322964  | 2,009,441.032690 |
| 1 - 2   | 81°56'13"SE | 6.47                  | 2            | 714,817.724341  | 2,009,440.125860 |
| 2 - 3   | 77°31'20"NE | 19.67                 | 3            | 714,836.934415  | 2,009,444.376800 |
| 3 - 4   | 53°37'30"NE | 10.95                 | 4            | 714,845.749236  | 2,009,450.869710 |
| 4 - 5   | 89°31'06"SE | 38.07                 | 5            | 714,883.817583  | 2,009,450.549700 |
| 5 - 6   | 24°44'45"SE | 18.27                 | 6            | 714,891.464537  | 2,009,433.959050 |
| 6 - 7   | 75°35'43"SE | 75.35                 | 7            | 714,964.445809  | 2,009,415.214240 |
| 7 - 8   | 72°35'35"SE | 67.53                 | 8            | 715,028.880622  | 2,009,395.013110 |
| 8 - 9   | 69°11'38"SE | 62.89                 | 9            | 715,087.670087  | 2,009,372.674100 |
| 9 - 10  | 72°51'13"SE | 51.14                 | 10           | 715,136.539575  | 2,009,357.596770 |
| 10 - 11 | 67°27'32"SE | 53.16                 | 11           | 715,185.636157  | 2,009,337.219130 |
| 11 - 12 | 67°04'32"SE | 59.20                 | 12           | 715,240.158142  | 2,009,314.160760 |
| 12 - 13 | 71°26'40"SE | 69.51                 | 13           | 715,306.057711  | 2,009,292.040160 |
| 13 - 14 | 71°09'17"SE | 14.59                 | 14           | 715,319.861302  | 2,009,287.328890 |
| 14 - 15 | 65°10'31"SE | 74.74                 | 15           | 715,387.692013  | 2,009,255.951210 |
| 15 - 16 | 63°07'30"SE | 74.67                 | 16           | 715,454.300539  | 2,009,222.195370 |
| 16 - 17 | 63°16'16"SE | 62.53                 | 17           | 715,510.151731  | 2,009,194.069860 |
| 17 - 18 | 84°43'26"NE | 30.09                 | 18           | 715,540.113605  | 2,009,196.836670 |
| 18 - 19 | 82°34'06"NE | 30.68                 | 19           | 715,570.540749  | 2,009,200.805430 |
| 19 - 20 | 69°51'49"NE | 21.14                 | 20           | 715,590.384538  | 2,009,208.081490 |
| 20 - 21 | 24°22'35"SE | 46.48                 | 21           | 715,609.566868  | 2,009,165.748070 |
| 21 - 22 | 35°24'29"SE | 25.34                 | 22           | 715,624.249238  | 2,009,145.094240 |
| 22 - 23 | 64°26'24"SE | 4.25                  | 23           | 715,628.087739  | 2,009,143.258440 |
| 23 - 24 | 63°26'05"SE | 19.23                 | 24           | 715,645.285690  | 2,009,134.659460 |
| 24 - 25 | 75°19'25"SE | 28.72                 | 25           | 715,673.066995  | 2,009,127.383410 |
| 25 - 26 | 59°02'10"SE | 27.00                 | 26           | 715,696.218083  | 2,009,113.492750 |
| 26 - 27 | 84°17'21"SE | 19.94                 | 27           | 715,716.061873  | 2,009,111.508380 |
| 27 - 28 | 71°33'54"NE | 18.83                 | 28           | 715,733.921284  | 2,009,117.461510 |
| 28 - 29 | 45°00'00"SE | 19.64                 | 29           | 715,747.811937  | 2,009,103.570860 |
| 29 - 30 | 52°21'08"SE | 29.24                 | 30           | 715,770.963025  | 2,009,085.711450 |
| 30 - 31 | 56°31'53"SE | 34.37                 | 31           | 715,799.636019  | 2,009,066.755960 |
| 31 - 32 | 70°53'49"SE | 26.07                 | 32           | 715,824.269752  | 2,009,058.224340 |
| 32 - 33 | 76°33'31"SE | 27.59                 | 33           | 715,851.103893  | 2,009,051.811100 |
| 33 - 34 | 73°58'57"SE | 28.73                 | 34           | 715,878.713896  | 2,009,043.885040 |
| 34 - 35 | 78°36'13"SE | 38.65                 | 35           | 715,916.602322  | 2,009,036.247990 |
| 35 - 36 | 59°32'32"SE | 33.67                 | 36           | 715,945.623223  | 2,009,019.182320 |
| 36 - 37 | 68°43'28"SE | 24.26                 | 37           | 715,968.225767  | 2,009,010.381110 |
| 37 - 38 | 61°20'58"SE | 25.03                 | 38           | 715,990.194452  | 2,008,998.378330 |
| 38 - 39 | 70°53'49"SE | 32.15                 | 39           | 716,020.571209  | 2,008,987.857670 |
| 39 - 40 | 72°56'29"NE | 24.66                 | 40           | 716,044.145863  | 2,008,995.091480 |
| 40 - 41 | 74°44'41"NE | 15.08                 | 41           | 716,058.697975  | 2,008,999.060230 |
| 41 - 42 | 41°31'54"SE | 30.93                 | 42           | 716,079.203224  | 2,008,975.909150 |
| 42 - 43 | 71°33'54"SE | 33.47                 | 43           | 716,110.953288  | 2,008,965.325790 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 43 - 44   | 76°45'34"SE | 23.10                 | 44           | 716,133.442916  | 2,008,960.034110 |
| 44 - 45   | 13°28'32"SE | 23.67                 | 45           | 716,138.959693  | 2,008,937.011900 |
| 45 - 46   | 45°48'41"SE | 12.02                 | 46           | 716,147.579906  | 2,008,928.632520 |
| 46 - 47   | 45°48'41"SE | 11.02                 | 47           | 716,155.480024  | 2,008,920.953120 |
| 47 - 48   | 41°50'10"SE | 7.09                  | 48           | 716,160.210538  | 2,008,915.669070 |
| 48 - 49   | 89°08'43"SE | 14.20                 | 49           | 716,174.409949  | 2,008,915.457250 |
| 49 - 50   | 71°53'15"SE | 38.14                 | 50           | 716,210.655341  | 2,008,903.601820 |
| 50 - 51   | 83°57'31"SE | 29.45                 | 51           | 716,239.937921  | 2,008,900.502750 |
| 51 - 52   | 83°09'26"NE | 16.66                 | 52           | 716,256.474412  | 2,008,902.487120 |
| 52 - 53   | 51°42'35"SE | 16.01                 | 53           | 716,269.042146  | 2,008,892.565230 |
| 53 - 54   | 13°52'23"SE | 17.78                 | 54           | 716,273.304157  | 2,008,875.308720 |
| 54 - 55   | 69°09'22"SE | 8.09                  | 55           | 716,280.867469  | 2,008,872.429080 |
| 55 - 56   | 69°09'22"SE | 27.29                 | 56           | 716,306.369028  | 2,008,862.719680 |
| 56 - 57   | 67°56'42"SE | 9.28                  | 57           | 716,314.971838  | 2,008,859.234320 |
| 57 - 58   | 78°01'37"NE | 26.75                 | 58           | 716,341.141248  | 2,008,864.783920 |
| 58 - 59   | 87°08'15"SE | 13.25                 | 59           | 716,354.370441  | 2,008,864.122460 |
| 59 - 60   | 01°49'36"SW | 12.11                 | 60           | 716,353.984292  | 2,008,852.015960 |
| 60 - 61   | 53°58'21"SE | 17.65                 | 61           | 716,368.261094  | 2,008,841.632840 |
| 61 - 62   | 59°44'36"SE | 27.57                 | 62           | 716,392.073642  | 2,008,827.742180 |
| 62 - 63   | 62°23'27"SE | 34.59                 | 63           | 716,422.729265  | 2,008,811.709650 |
| 63 - 64   | 62°56'27"SE | 31.10                 | 64           | 716,450.424470  | 2,008,797.562310 |
| 64 - 65   | 70°45'37"SE | 38.64                 | 65           | 716,486.904508  | 2,008,784.830430 |
| 65 - 66   | 68°56'00"SE | 30.10                 | 66           | 716,514.991214  | 2,008,774.011460 |
| 66 - 67   | 73°35'29"SE | 34.83                 | 67           | 716,548.404112  | 2,008,764.172140 |
| 67 - 68   | 68°17'49"SE | 38.46                 | 68           | 716,584.134409  | 2,008,749.951290 |
| 68 - 69   | 60°29'33"SE | 29.25                 | 69           | 716,609.593734  | 2,008,735.542700 |
| 69 - 70   | 63°11'35"SE | 31.59                 | 70           | 716,637.790999  | 2,008,721.294980 |
| 70 - 71   | 69°34'39"SE | 31.12                 | 71           | 716,666.956142  | 2,008,710.435670 |
| 71 - 72   | 70°19'23"SE | 35.34                 | 72           | 716,700.232549  | 2,008,698.536140 |
| 72 - 73   | 64°20'08"SE | 34.68                 | 73           | 716,731.492823  | 2,008,683.515640 |
| 73 - 74   | 68°12'35"SE | 31.78                 | 74           | 716,760.999811  | 2,008,671.719500 |
| 74 - 75   | 65°45'29"SE | 29.50                 | 75           | 716,787.899822  | 2,008,659.606560 |
| 75 - 76   | 69°13'20"SE | 34.62                 | 76           | 716,820.264041  | 2,008,647.327070 |
| 76 - 77   | 64°14'36"SE | 29.71                 | 77           | 716,847.025978  | 2,008,634.414810 |
| 77 - 78   | 63°33'46"SE | 41.67                 | 78           | 716,884.341885  | 2,008,615.860850 |
| 78 - 79   | 60°33'36"SE | 28.93                 | 79           | 716,909.532274  | 2,008,601.643710 |
| 79 - 80   | 64°07'56"SE | 32.76                 | 80           | 716,939.006129  | 2,008,587.352580 |
| 80 - 81   | 64°07'56"SE | 32.41                 | 81           | 716,968.170658  | 2,008,573.211450 |
| 81 - 82   | 69°40'16"SE | 35.94                 | 82           | 717,001.867643  | 2,008,560.727360 |
| 82 - 83   | 69°00'29"SE | 24.41                 | 83           | 717,024.654197  | 2,008,551.984220 |
| 83 - 84   | 69°19'35"SE | 31.07                 | 84           | 717,053.724253  | 2,008,541.014980 |
| 84 - 85   | 69°27'16"SE | 33.28                 | 85           | 717,084.890139  | 2,008,529.334360 |
| 85 - 86   | 67°51'58"SE | 27.76                 | 86           | 717,110.608655  | 2,008,518.873440 |
| 86 - 87   | 68°33'47"SE | 35.82                 | 87           | 717,143.953000  | 2,008,505.781260 |
| 87 - 88   | 67°37'52"SE | 27.34                 | 88           | 717,169.236122  | 2,008,495.376440 |
| 88 - 89   | 68°31'31"SE | 30.04                 | 89           | 717,197.189522  | 2,008,484.379700 |
| 89 - 90   | 67°37'52"SE | 27.68                 | 90           | 717,222.786908  | 2,008,473.845560 |
| 90 - 91   | 66°32'26"SE | 25.66                 | 91           | 717,246.328740  | 2,008,463.629210 |
| 91 - 92   | 61°45'19"SE | 27.43                 | 92           | 717,270.491634  | 2,008,450.648990 |
| 92 - 93   | 64°07'08"SE | 27.12                 | 93           | 717,294.895906  | 2,008,438.808860 |
| 93 - 94   | 65°19'14"SE | 28.18                 | 94           | 717,320.498088  | 2,008,427.044390 |
| 94 - 95   | 65°49'07"SE | 22.05                 | 95           | 717,340.611766  | 2,008,418.012910 |
| 95 - 96   | 67°51'57"SE | 28.02                 | 96           | 717,366.569806  | 2,008,407.454550 |
| 96 - 97   | 63°26'52"SE | 28.33                 | 97           | 717,391.915184  | 2,008,394.789010 |
| 97 - 98   | 65°31'31"SE | 32.32                 | 98           | 717,421.331295  | 2,008,381.399140 |
| 98 - 99   | 67°20'38"SE | 30.92                 | 99           | 717,449.864622  | 2,008,369.489110 |
| 99 - 100  | 62°39'47"SE | 30.68                 | 100          | 717,477.122732  | 2,008,355.398050 |
| 100 - 101 | 58°24'24"SE | 25.42                 | 101          | 717,498.777122  | 2,008,342.079780 |
| 101 - 102 | 72°57'07"SE | 25.35                 | 102          | 717,523.010771  | 2,008,334.648660 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 102 - 103 | 69°55'42"SE | 30.85                 | 103          | 717,551.985661  | 2,008,324.061650 |
| 103 - 104 | 64°54'38"SE | 37.62                 | 104          | 717,586.053783  | 2,008,308.110820 |
| 104 - 105 | 63°13'48"SE | 35.23                 | 105          | 717,617.505129  | 2,008,292.244340 |
| 105 - 106 | 63°27'20"SE | 38.06                 | 106          | 717,651.553602  | 2,008,275.235450 |
| 106 - 107 | 66°54'19"SE | 23.79                 | 107          | 717,673.440261  | 2,008,265.902420 |
| 107 - 108 | 66°02'58"SE | 29.49                 | 108          | 717,700.395218  | 2,008,253.929190 |
| 108 - 109 | 65°42'27"SE | 29.87                 | 109          | 717,727.623786  | 2,008,241.639360 |
| 109 - 110 | 68°44'09"SE | 35.82                 | 110          | 717,761.007696  | 2,008,228.647650 |
| 110 - 111 | 67°03'27"SE | 27.82                 | 111          | 717,786.625783  | 2,008,217.803750 |
| 111 - 112 | 66°36'50"SE | 35.39                 | 112          | 717,819.106922  | 2,008,203.757340 |
| 112 - 113 | 57°22'37"SE | 31.76                 | 113          | 717,845.856886  | 2,008,186.635010 |
| 113 - 114 | 64°41'45"SE | 27.01                 | 114          | 717,870.279135  | 2,008,175.088590 |
| 114 - 115 | 64°12'29"SE | 29.79                 | 115          | 717,897.097824  | 2,008,162.128630 |
| 115 - 116 | 66°14'22"SE | 27.18                 | 116          | 717,921.970214  | 2,008,151.179120 |
| 116 - 117 | 64°52'46"SE | 27.17                 | 117          | 717,946.572514  | 2,008,139.643810 |
| 117 - 118 | 62°58'55"SE | 31.59                 | 118          | 717,974.715170  | 2,008,125.293400 |
| 118 - 119 | 71°17'53"SE | 19.46                 | 119          | 717,993.150990  | 2,008,119.052530 |
| 119 - 120 | 62°59'29"SE | 34.76                 | 120          | 718,024.121382  | 2,008,103.266550 |
| 120 - 121 | 63°23'06"SE | 30.63                 | 121          | 718,051.509291  | 2,008,089.542840 |
| 121 - 122 | 67°20'24"SE | 24.66                 | 122          | 718,074.262557  | 2,008,080.043680 |
| 122 - 123 | 67°58'30"SE | 26.72                 | 123          | 718,099.031837  | 2,008,070.023670 |
| 123 - 124 | 68°38'25"SE | 29.59                 | 124          | 718,126.592458  | 2,008,059.245180 |
| 124 - 125 | 66°43'58"SE | 28.83                 | 125          | 718,153.075873  | 2,008,047.857580 |
| 125 - 126 | 62°58'21"SE | 32.97                 | 126          | 718,182.444962  | 2,008,032.875560 |
| 126 - 127 | 61°27'14"SE | 27.13                 | 127          | 718,206.278346  | 2,008,019.910270 |
| 127 - 128 | 60°45'03"SE | 29.85                 | 128          | 718,232.319466  | 2,008,005.327120 |
| 128 - 129 | 68°58'23"SE | 32.28                 | 129          | 718,262.453201  | 2,007,993.743750 |
| 129 - 130 | 65°36'29"SE | 35.37                 | 130          | 718,294.664231  | 2,007,979.137740 |
| 130 - 131 | 68°22'48"SE | 36.65                 | 131          | 718,328.737742  | 2,007,965.633450 |
| 131 - 132 | 68°12'35"SE | 34.26                 | 132          | 718,360.550486  | 2,007,952.915530 |
| 132 - 133 | 64°45'06"SE | 34.43                 | 133          | 718,391.691750  | 2,007,938.229550 |
| 133 - 134 | 60°23'56"SE | 33.50                 | 134          | 718,420.822575  | 2,007,921.680310 |
| 134 - 135 | 58°57'17"SE | 29.96                 | 135          | 718,446.494053  | 2,007,906.227810 |
| 135 - 136 | 63°43'28"SE | 25.74                 | 136          | 718,469.578732  | 2,007,894.830960 |
| 136 - 137 | 69°09'22"SE | 15.45                 | 137          | 718,484.013538  | 2,007,889.335090 |
| 137 - 138 | 30°44'58"NW | 17.56                 | 138          | 718,475.033609  | 2,007,904.429190 |
| 138 - 139 | 13°23'59"NE | 19.99                 | 139          | 718,479.666531  | 2,007,923.876500 |
| 139 - 140 | 55°44'51"NW | 18.96                 | 140          | 718,463.998282  | 2,007,934.545540 |
| 140 - 141 | 34°15'08"NE | 20.00                 | 141          | 718,475.255035  | 2,007,951.076890 |
| 141 - 142 | 55°44'51"SE | 32.74                 | 142          | 718,502.316325  | 2,007,932.649940 |
| 142 - 143 | 13°23'59"SW | 25.66                 | 143          | 718,496.368793  | 2,007,907.684390 |
| 143 - 144 | 30°44'58"SE | 25.59                 | 144          | 718,509.453358  | 2,007,885.690920 |
| 144 - 145 | 71°56'56"SE | 43.16                 | 145          | 718,550.491350  | 2,007,872.316510 |
| 145 - 146 | 68°44'56"SE | 100.08                | 146          | 718,643.767935  | 2,007,836.041550 |
| 146 - 147 | 69°51'11"SE | 61.34                 | 147          | 718,701.352779  | 2,007,814.915200 |
| 147 - 148 | 83°51'58"NE | 27.82                 | 148          | 718,729.008820  | 2,007,817.887280 |
| 148 - 149 | 87°56'14"SE | 41.18                 | 149          | 718,770.166338  | 2,007,816.404980 |
| 149 - 150 | 58°56'33"SE | 27.08                 | 150          | 718,793.361735  | 2,007,802.436160 |
| 150 - 151 | 73°18'34"SE | 18.63                 | 151          | 718,811.204329  | 2,007,797.086400 |
| 151 - 152 | 16°41'25"SW | 20.00                 | 152          | 718,805.460341  | 2,007,777.928980 |
| 152 - 153 | 31°41'15"SW | 10.02                 | 153          | 718,800.196421  | 2,007,769.401830 |
| 153 - 154 | 65°54'53"SE | 28.95                 | 154          | 718,826.626049  | 2,007,757.587460 |
| 154 - 155 | 61°49'15"SE | 27.03                 | 155          | 718,850.453692  | 2,007,744.822380 |
| 155 - 156 | 72°20'43"SE | 54.01                 | 156          | 718,901.920803  | 2,007,728.442150 |
| 156 - 157 | 58°47'47"SE | 41.49                 | 157          | 718,937.412787  | 2,007,706.944560 |
| 157 - 158 | 74°33'49"SE | 26.56                 | 158          | 718,963.011351  | 2,007,699.876050 |
| 158 - 159 | 58°12'54"SE | 23.47                 | 159          | 718,982.964678  | 2,007,687.511770 |
| 159 - 160 | 64°54'31"SE | 23.80                 | 160          | 719,004.522563  | 2,007,677.417350 |
| 160 - 161 | 43°24'49"SE | 19.52                 | 161          | 719,017.937383  | 2,007,663.238360 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 161 - 162 | 80°47'56"SE | 23.97                 | 162          | 719,041.599993  | 2,007,659.405470 |
| 162 - 163 | 57°13'45"SE | 14.38                 | 163          | 719,053.693490  | 2,007,651.620480 |
| 163 - 164 | 65°43'30"SE | 30.14                 | 164          | 719,081.171232  | 2,007,639.228250 |
| 164 - 165 | 61°49'40"SE | 13.68                 | 165          | 719,093.233939  | 2,007,632.767870 |
| 165 - 166 | 68°35'52"SE | 4.51                  | 166          | 719,097.429161  | 2,007,631.123610 |
| 166 - 167 | 67°57'33"SE | 23.59                 | 167          | 719,119.293402  | 2,007,622.271790 |
| 167 - 168 | 67°08'16"SE | 20.96                 | 168          | 719,138.603644  | 2,007,614.129890 |
| 168 - 169 | 66°13'47"SE | 19.12                 | 169          | 719,156.098357  | 2,007,606.424710 |
| 169 - 170 | 67°27'14"SE | 21.77                 | 170          | 719,176.206783  | 2,007,598.076670 |
| 170 - 171 | 61°24'11"SE | 19.78                 | 171          | 719,193.573004  | 2,007,588.609540 |
| 171 - 172 | 60°51'56"SE | 14.95                 | 172          | 719,206.631181  | 2,007,581.331210 |
| 172 - 173 | 84°45'31"NE | 3.90                  | 173          | 719,210.518765  | 2,007,581.687830 |
| 173 - 174 | 25°32'30"SE | 2.47                  | 174          | 719,211.582874  | 2,007,579.461070 |
| 174 - 175 | 71°18'39"SE | 14.57                 | 175          | 719,225.387948  | 2,007,574.791220 |
| 175 - 176 | 69°41'14"SE | 25.54                 | 176          | 719,249.341212  | 2,007,565.924640 |
| 176 - 177 | 72°07'50"SE | 29.65                 | 177          | 719,277.562132  | 2,007,556.826260 |
| 177 - 178 | 66°17'28"SE | 2.29                  | 178          | 719,279.662170  | 2,007,555.904030 |
| 178 - 179 | 76°30'52"NE | 14.13                 | 179          | 719,293.398238  | 2,007,559.198070 |
| 179 - 180 | 53°29'00"SE | 6.60                  | 180          | 719,298.702451  | 2,007,555.270810 |
| 180 - 181 | 68°02'35"SE | 37.39                 | 181          | 719,333.384291  | 2,007,541.288750 |
| 181 - 182 | 07°17'20"SW | 7.76                  | 182          | 719,332.399955  | 2,007,533.592990 |
| 182 - 183 | 68°20'42"SE | 9.89                  | 183          | 719,341.591091  | 2,007,529.943780 |
| 183 - 184 | 61°24'11"SE | 19.69                 | 184          | 719,358.875283  | 2,007,520.521360 |
| 184 - 185 | 62°17'41"SE | 18.46                 | 185          | 719,375.215997  | 2,007,511.940400 |
| 185 - 186 | 69°11'23"SE | 21.78                 | 186          | 719,395.576250  | 2,007,504.202150 |
| 186 - 187 | 66°54'19"SE | 23.75                 | 187          | 719,417.421374  | 2,007,494.886810 |
| 187 - 188 | 72°02'25"SE | 23.33                 | 188          | 719,439.613824  | 2,007,487.693320 |
| 188 - 189 | 65°47'03"SE | 20.95                 | 189          | 719,458.720352  | 2,007,479.100230 |
| 189 - 190 | 64°06'22"SE | 3.67                  | 190          | 719,462.022980  | 2,007,477.497000 |
| 190 - 191 | 70°20'47"SE | 11.52                 | 191          | 719,472.872641  | 2,007,473.622200 |
| 191 - 192 | 74°47'50"SE | 23.83                 | 192          | 719,495.866757  | 2,007,467.373640 |
| 192 - 193 | 36°24'10"SE | 11.70                 | 193          | 719,502.807926  | 2,007,457.959850 |
| 193 - 194 | 70°31'21"SE | 12.58                 | 194          | 719,514.670612  | 2,007,453.764310 |
| 194 - 195 | 63°48'45"SE | 18.80                 | 195          | 719,531.539969  | 2,007,445.468200 |
| 195 - 196 | 86°49'49"SE | 7.08                  | 196          | 719,538.606440  | 2,007,445.076870 |
| 196 - 197 | 36°40'59"SE | 7.28                  | 197          | 719,542.953062  | 2,007,439.241850 |
| 197 - 198 | 60°21'50"SE | 12.03                 | 198          | 719,553.412066  | 2,007,433.291620 |
| 198 - 199 | 69°49'29"SE | 1.40                  | 199          | 719,554.729024  | 2,007,432.807720 |
| 199 - 200 | 80°34'51"SE | 14.33                 | 200          | 719,568.869469  | 2,007,430.461940 |
| 200 - 201 | 60°24'51"SE | 18.74                 | 201          | 719,585.166914  | 2,007,421.209040 |
| 201 - 202 | 68°12'35"SE | 10.16                 | 202          | 719,594.604462  | 2,007,417.436160 |
| 202 - 203 | 70°05'38"SE | 22.14                 | 203          | 719,615.423524  | 2,007,409.897280 |
| 203 - 204 | 66°22'56"SE | 13.59                 | 204          | 719,627.875516  | 2,007,404.452600 |
| 204 - 205 | 72°33'58"SE | 10.68                 | 205          | 719,638.060362  | 2,007,401.254260 |
| 205 - 206 | 72°59'39"SE | 21.47                 | 206          | 719,658.590479  | 2,007,394.975290 |
| 206 - 207 | 60°53'46"SE | 19.55                 | 207          | 719,675.672389  | 2,007,385.466120 |
| 207 - 208 | 72°53'27"SE | 38.31                 | 208          | 719,712.286180  | 2,007,374.195840 |
| 208 - 209 | 46°59'35"SE | 16.29                 | 209          | 719,724.199231  | 2,007,363.084080 |
| 209 - 210 | 65°26'38"SE | 0.29                  | 210          | 719,724.463879  | 2,007,362.963160 |
| 210 - 211 | 73°06'49"SE | 18.36                 | 211          | 719,742.032108  | 2,007,357.630090 |
| 211 - 212 | 84°53'27"SE | 12.33                 | 212          | 719,754.309838  | 2,007,356.532390 |
| 212 - 213 | 65°01'40"SE | 40.78                 | 213          | 719,791.280166  | 2,007,339.314780 |
| 213 - 214 | 71°51'24"SE | 2.85                  | 214          | 719,793.991276  | 2,007,338.426390 |
| 214 - 215 | 68°20'11"SE | 8.91                  | 215          | 719,802.271617  | 2,007,335.137340 |
| 215 - 216 | 74°02'25"SE | 31.13                 | 216          | 719,832.200149  | 2,007,326.578350 |
| 216 - 217 | 70°50'33"SE | 36.51                 | 217          | 719,866.685232  | 2,007,314.598070 |
| 217 - 218 | 53°28'07"SE | 38.47                 | 218          | 719,897.599924  | 2,007,291.696280 |
| 218 - 219 | 60°09'47"SE | 17.73                 | 219          | 719,912.975481  | 2,007,282.877510 |
| 219 - 220 | 67°54'06"SE | 17.01                 | 220          | 719,928.739607  | 2,007,276.476950 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 220 - 221 | 70°14'19"SE | 18.10                 | 221          | 719,945.771567  | 2,007,270.358030 |
| 221 - 222 | 72°04'53"SE | 21.92                 | 222          | 719,966.627277  | 2,007,263.614400 |
| 222 - 223 | 66°25'29"SE | 24.95                 | 223          | 719,989.494683  | 2,007,253.635660 |
| 223 - 224 | 61°07'37"SE | 20.27                 | 224          | 720,007.243436  | 2,007,243.848780 |
| 224 - 225 | 63°09'04"SE | 26.30                 | 225          | 720,030.710127  | 2,007,231.969760 |
| 225 - 226 | 57°28'46"SE | 2.97                  | 226          | 720,033.212714  | 2,007,230.374180 |
| 226 - 227 | 68°46'16"SE | 10.88                 | 227          | 720,043.359014  | 2,007,226.432850 |
| 227 - 228 | 67°29'13"SE | 23.68                 | 228          | 720,065.239016  | 2,007,217.364120 |
| 228 - 229 | 63°12'45"SE | 19.25                 | 229          | 720,082.419193  | 2,007,208.690500 |
| 229 - 230 | 83°39'23"NE | 18.22                 | 230          | 720,100.526425  | 2,007,210.703470 |
| 230 - 231 | 86°38'26"SE | 26.81                 | 231          | 720,127.289032  | 2,007,209.132570 |
| 231 - 232 | 48°11'22"SE | 8.59                  | 232          | 720,133.692572  | 2,007,203.405030 |
| 232 - 233 | 32°21'26"SE | 26.51                 | 233          | 720,147.881195  | 2,007,181.010550 |
| 233 - 234 | 62°47'53"SE | 28.00                 | 234          | 720,172.785453  | 2,007,168.210440 |
| 234 - 235 | 64°53'49"SE | 33.18                 | 235          | 720,202.828070  | 2,007,154.135560 |
| 235 - 236 | 47°30'56"SE | 4.66                  | 236          | 720,206.261176  | 2,007,150.991430 |
| 236 - 237 | 65°38'58"SE | 17.25                 | 237          | 720,221.972957  | 2,007,143.880670 |
| 237 - 238 | 70°46'45"SE | 11.13                 | 238          | 720,232.481613  | 2,007,140.216930 |
| 238 - 239 | 86°08'29"SE | 6.45                  | 239          | 720,238.912037  | 2,007,139.783230 |
| 239 - 240 | 67°49'32"SE | 24.75                 | 240          | 720,261.834533  | 2,007,130.440780 |
| 240 - 241 | 60°31'23"SE | 19.40                 | 241          | 720,278.726140  | 2,007,120.892980 |
| 241 - 242 | 51°54'09"SE | 4.05                  | 242          | 720,281.911721  | 2,007,118.395400 |
| 242 - 243 | 73°57'34"SE | 12.09                 | 243          | 720,293.528242  | 2,007,115.055540 |
| 243 - 244 | 76°35'07"SE | 27.11                 | 244          | 720,319.896847  | 2,007,108.766580 |
| 244 - 245 | 72°47'08"SE | 35.05                 | 245          | 720,353.375584  | 2,007,098.394020 |
| 245 - 246 | 54°18'31"SE | 26.14                 | 246          | 720,374.608332  | 2,007,083.141600 |
| 246 - 247 | 57°25'19"SE | 20.95                 | 247          | 720,392.265077  | 2,007,071.859220 |
| 247 - 248 | 57°35'36"SE | 25.06                 | 248          | 720,413.425037  | 2,007,058.427380 |
| 248 - 249 | 63°09'30"SE | 25.31                 | 249          | 720,436.005433  | 2,007,047.000720 |
| 249 - 250 | 63°26'52"SE | 23.89                 | 250          | 720,457.371389  | 2,007,036.323780 |
| 250 - 251 | 63°26'52"SE | 28.32                 | 251          | 720,482.706769  | 2,007,023.663230 |
| 251 - 252 | 64°58'43"SE | 27.75                 | 252          | 720,507.853700  | 2,007,011.925690 |
| 252 - 253 | 67°12'25"SE | 28.31                 | 253          | 720,533.956875  | 2,007,000.956680 |
| 253 - 254 | 65°23'19"SE | 33.14                 | 254          | 720,564.082505  | 2,006,987.156890 |
| 254 - 255 | 57°16'46"SE | 20.62                 | 255          | 720,581.432371  | 2,006,976.009690 |
| 255 - 256 | 60°39'21"SE | 25.35                 | 256          | 720,603.526294  | 2,006,963.588870 |
| 256 - 257 | 68°24'56"SE | 29.54                 | 257          | 720,630.997211  | 2,006,952.721110 |
| 257 - 258 | 67°16'54"SE | 24.94                 | 258          | 720,653.999592  | 2,006,943.090410 |
| 258 - 259 | 62°13'45"SE | 32.98                 | 259          | 720,683.182928  | 2,006,927.722930 |
| 259 - 260 | 57°23'52"SE | 21.65                 | 260          | 720,701.417654  | 2,006,916.060460 |
| 260 - 261 | 84°15'36"SE | 21.71                 | 261          | 720,723.018737  | 2,006,913.889230 |
| 261 - 262 | 74°18'18"SE | 20.22                 | 262          | 720,742.484196  | 2,006,908.419670 |
| 262 - 263 | 50°51'02"SE | 25.42                 | 263          | 720,762.200922  | 2,006,892.368130 |
| 263 - 264 | 61°52'18"SE | 30.06                 | 264          | 720,788.714526  | 2,006,878.194440 |
| 264 - 265 | 60°33'36"SE | 28.67                 | 265          | 720,813.682202  | 2,006,864.102980 |
| 265 - 266 | 63°54'22"SE | 29.53                 | 266          | 720,840.204060  | 2,006,851.113570 |
| 266 - 267 | 55°33'15"SE | 17.09                 | 267          | 720,854.297295  | 2,006,841.447190 |
| 267 - 268 | 63°08'09"SE | 17.47                 | 268          | 720,869.879950  | 2,006,833.553960 |
| 268 - 269 | 62°44'42"SE | 27.64                 | 269          | 720,894.452207  | 2,006,820.895820 |
| 269 - 270 | 65°37'06"SE | 9.80                  | 270          | 720,903.374296  | 2,006,816.852040 |
| 270 - 271 | 64°23'49"SE | 24.14                 | 271          | 720,925.142795  | 2,006,806.420970 |
| 271 - 272 | 65°14'13"SE | 29.32                 | 272          | 720,951.762894  | 2,006,794.141710 |
| 272 - 273 | 67°10'50"SE | 26.31                 | 273          | 720,976.017384  | 2,006,783.936460 |
| 273 - 274 | 65°02'18"SE | 25.17                 | 274          | 720,998.833029  | 2,006,773.315980 |
| 274 - 275 | 60°11'12"SE | 27.39                 | 275          | 721,022.602232  | 2,006,759.696000 |
| 275 - 276 | 55°21'49"SE | 9.14                  | 276          | 721,030.120729  | 2,006,754.502320 |
| 276 - 277 | 70°05'12"SE | 49.03                 | 277          | 721,076.215316  | 2,006,737.804370 |
| 277 - 278 | 60°17'24"SE | 58.02                 | 278          | 721,126.608262  | 2,006,709.049380 |
| 278 - 279 | 68°12'10"SE | 53.89                 | 279          | 721,176.645969  | 2,006,689.038750 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 279 - 280 | 65°15'24"SE | 50.05                 | 280          | 721,222.101420  | 2,006,668.089940 |
| 280 - 281 | 67°07'21"SE | 43.44                 | 281          | 721,262.127576  | 2,006,651.200760 |
| 281 - 282 | 61°01'17"SE | 47.80                 | 282          | 721,303.945262  | 2,006,628.041500 |
| 282 - 283 | 66°13'41"SE | 44.68                 | 283          | 721,344.830536  | 2,006,610.032990 |
| 283 - 284 | 69°28'45"SE | 53.39                 | 284          | 721,394.837124  | 2,006,591.315610 |
| 284 - 285 | 79°50'11"SE | 28.34                 | 285          | 721,422.733031  | 2,006,586.314730 |
| 285 - 286 | 44°16'47"NE | 0.43                  | 286          | 721,423.030136  | 2,006,586.619400 |
| 286 - 287 | 51°21'21"NE | 27.26                 | 287          | 721,444.321860  | 2,006,603.643180 |
| 287 - 288 | 53°01'36"NE | 32.58                 | 288          | 721,470.347454  | 2,006,623.235820 |
| 288 - 289 | 36°58'23"SE | 20.00                 | 289          | 721,482.376290  | 2,006,607.257480 |
| 289 - 290 | 57°02'43"SE | 14.77                 | 290          | 721,494.770129  | 2,006,599.222770 |
| 290 - 291 | 41°40'54"SE | 1.16                  | 291          | 721,495.542374  | 2,006,598.355470 |
| 291 - 292 | 42°28'20"NE | 17.85                 | 292          | 721,507.597488  | 2,006,611.524060 |
| 292 - 293 | 45°47'53"SE | 48.50                 | 293          | 721,542.365629  | 2,006,577.711230 |
| 293 - 294 | 32°02'27"SW | 37.87                 | 294          | 721,522.272873  | 2,006,545.607300 |
| 294 - 295 | 14°43'08"SW | 9.73                  | 295          | 721,519.801115  | 2,006,536.198290 |
| 295 - 296 | 47°47'15"SE | 36.82                 | 296          | 721,547.071628  | 2,006,511.460240 |
| 296 - 297 | 68°04'21"SE | 55.72                 | 297          | 721,598.756098  | 2,006,490.654510 |
| 297 - 298 | 66°41'10"SE | 50.44                 | 298          | 721,645.081771  | 2,006,470.690340 |
| 298 - 299 | 66°50'42"SE | 43.35                 | 299          | 721,684.943909  | 2,006,453.642640 |
| 299 - 300 | 65°27'47"SE | 76.23                 | 300          | 721,754.293309  | 2,006,421.984370 |
| 300 - 301 | 67°11'24"SE | 52.11                 | 301          | 721,802.326071  | 2,006,401.783530 |
| 301 - 302 | 70°24'03"SE | 55.59                 | 302          | 721,854.699708  | 2,006,383.135090 |
| 302 - 303 | 61°00'28"SE | 35.89                 | 303          | 721,886.095478  | 2,006,365.737810 |
| 303 - 304 | 74°01'19"SE | 46.21                 | 304          | 721,930.524218  | 2,006,353.016530 |
| 304 - 305 | 72°29'35"SE | 42.10                 | 305          | 721,970.669700  | 2,006,340.353400 |
| 305 - 306 | 79°39'59"SE | 10.72                 | 306          | 721,981.218987  | 2,006,338.429890 |
| 306 - 307 | 81°26'03"SE | 23.07                 | 307          | 722,004.034999  | 2,006,334.993290 |
| 307 - 308 | 83°42'25"NE | 11.77                 | 308          | 722,015.737997  | 2,006,336.283840 |
| 308 - 309 | 73°21'18"NE | 19.02                 | 309          | 722,033.958512  | 2,006,341.731170 |
| 309 - 310 | 78°09'26"SE | 27.96                 | 310          | 722,061.326655  | 2,006,335.992420 |
| 310 - 311 | 61°08'39"NE | 33.58                 | 311          | 722,090.733272  | 2,006,352.196040 |
| 311 - 312 | 48°29'57"SE | 54.98                 | 312          | 722,131.912282  | 2,006,315.762950 |
| 312 - 313 | 28°01'11"SW | 33.34                 | 313          | 722,116.251595  | 2,006,286.334170 |
| 313 - 314 | 35°34'34"SE | 21.23                 | 314          | 722,128.605170  | 2,006,269.063750 |
| 314 - 315 | 48°08'57"SE | 22.36                 | 315          | 722,145.258240  | 2,006,254.147710 |
| 315 - 316 | 63°01'18"SE | 56.38                 | 316          | 722,195.501009  | 2,006,228.571880 |
| 316 - 317 | 67°11'07"SE | 33.38                 | 317          | 722,226.267967  | 2,006,215.629370 |
| 317 - 318 | 65°52'29"SE | 62.00                 | 318          | 722,282.854465  | 2,006,190.287280 |
| 318 - 319 | 63°06'59"SE | 39.90                 | 319          | 722,318.442852  | 2,006,172.245170 |
| 319 - 320 | 68°39'46"SE | 71.27                 | 320          | 722,384.826977  | 2,006,146.313490 |
| 320 - 321 | 67°54'06"SE | 63.32                 | 321          | 722,443.494471  | 2,006,122.493090 |
| 321 - 322 | 69°47'46"SE | 65.47                 | 322          | 722,504.938111  | 2,006,099.881590 |
| 322 - 323 | 59°56'13"SE | 44.37                 | 323          | 722,543.338137  | 2,006,077.655130 |
| 323 - 324 | 64°01'03"SE | 56.62                 | 324          | 722,594.237235  | 2,006,052.849310 |
| 324 - 325 | 71°03'37"SE | 70.84                 | 325          | 722,661.239831  | 2,006,029.857310 |
| 325 - 326 | 75°24'24"SE | 32.11                 | 326          | 722,692.315498  | 2,006,021.766720 |
| 326 - 327 | 60°14'41"SE | 45.98                 | 327          | 722,732.232837  | 2,005,998.947330 |
| 327 - 328 | 64°13'49"SE | 43.71                 | 328          | 722,771.597805  | 2,005,979.943290 |
| 328 - 329 | 62°58'00"SE | 59.33                 | 329          | 722,824.446837  | 2,005,952.976650 |
| 329 - 330 | 65°37'21"SE | 48.43                 | 330          | 722,868.559400  | 2,005,932.987190 |
| 330 - 331 | 67°21'32"SE | 85.13                 | 331          | 722,947.128528  | 2,005,900.216280 |
| 331 - 332 | 70°13'47"SE | 53.54                 | 332          | 722,997.512345  | 2,005,882.106590 |
| 332 - 333 | 67°59'28"SE | 56.75                 | 333          | 723,050.124064  | 2,005,860.840810 |
| 333 - 334 | 60°09'40"SE | 60.60                 | 334          | 723,102.687436  | 2,005,830.690210 |
| 334 - 335 | 70°02'15"SE | 65.26                 | 335          | 723,164.028563  | 2,005,808.409510 |
| 335 - 336 | 64°23'45"SE | 67.13                 | 336          | 723,224.569913  | 2,005,779.397680 |
| 336 - 337 | 63°54'39"SE | 74.84                 | 337          | 723,291.788833  | 2,005,746.483350 |
| 337 - 338 | 66°39'04"SE | 57.58                 | 338          | 723,344.655319  | 2,005,723.662000 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 338 - 339 | 67°01'04"SE | 72.90                 | 339          | 723,411.770522  | 2,005,695.197980 |
| 339 - 340 | 61°35'53"SE | 59.04                 | 340          | 723,463.707144  | 2,005,667.113770 |
| 340 - 341 | 67°38'54"SE | 59.55                 | 341          | 723,518.780382  | 2,005,644.468770 |
| 341 - 342 | 65°27'34"SE | 67.60                 | 342          | 723,580.278330  | 2,005,616.390280 |
| 342 - 343 | 61°53'42"SE | 59.16                 | 343          | 723,632.465651  | 2,005,588.519090 |
| 343 - 344 | 67°26'59"SE | 75.24                 | 344          | 723,701.951935  | 2,005,559.665490 |
| 344 - 345 | 71°09'54"SE | 44.77                 | 345          | 723,744.320044  | 2,005,545.213460 |
| 345 - 346 | 59°36'17"SE | 61.59                 | 346          | 723,797.444196  | 2,005,514.051900 |
| 346 - 347 | 66°33'51"SE | 56.44                 | 347          | 723,849.227320  | 2,005,491.605080 |
| 347 - 348 | 70°00'11"SE | 30.75                 | 348          | 723,878.126224  | 2,005,481.088510 |
| 348 - 349 | 64°06'26"SE | 93.52                 | 349          | 723,962.253883  | 2,005,440.251760 |
| 349 - 350 | 64°13'24"SE | 76.93                 | 350          | 724,031.532565  | 2,005,406.796350 |
| 350 - 351 | 65°06'25"SE | 67.37                 | 351          | 724,092.639274  | 2,005,378.440840 |
| 351 - 352 | 64°16'19"SE | 66.70                 | 352          | 724,152.723947  | 2,005,349.487860 |
| 352 - 353 | 73°39'19"SE | 26.53                 | 353          | 724,178.186018  | 2,005,342.020740 |
| 353 - 354 | 65°01'20"SE | 37.17                 | 354          | 724,211.880190  | 2,005,326.324940 |
| 354 - 355 | 72°14'06"SE | 47.46                 | 355          | 724,257.078016  | 2,005,311.844100 |
| 355 - 356 | 44°48'33"SE | 24.75                 | 356          | 724,274.521087  | 2,005,294.284500 |
| 356 - 357 | 87°08'56"SE | 23.96                 | 357          | 724,298.452791  | 2,005,293.092670 |
| 357 - 358 | 75°36'08"NE | 13.67                 | 358          | 724,311.688732  | 2,005,296.490470 |
| 358 - 359 | 33°05'36"NE | 30.96                 | 359          | 724,328.591826  | 2,005,322.426160 |
| 359 - 360 | 84°06'59"SE | 65.52                 | 360          | 724,393.764880  | 2,005,315.710030 |
| 360 - 361 | 00°13'21"SE | 33.43                 | 361          | 724,393.894737  | 2,005,282.282450 |
| 361 - 362 | 56°01'40"SE | 29.98                 | 362          | 724,418.755384  | 2,005,265.531290 |
| 362 - 363 | 53°40'17"SE | 68.58                 | 363          | 724,474.006150  | 2,005,224.903300 |
| 363 - 364 | 42°56'59"SE | 35.25                 | 364          | 724,498.022187  | 2,005,199.104080 |
| 364 - 365 | 57°08'33"SE | 74.72                 | 365          | 724,560.790312  | 2,005,158.563600 |
| 365 - 366 | 58°52'36"SE | 51.24                 | 366          | 724,604.656578  | 2,005,132.077470 |
| 366 - 367 | 72°01'20"SE | 40.63                 | 367          | 724,643.305377  | 2,005,119.536340 |
| 367 - 368 | 58°05'43"SE | 76.96                 | 368          | 724,708.642232  | 2,005,078.860290 |
| 368 - 369 | 63°00'40"SE | 83.45                 | 369          | 724,783.003437  | 2,005,040.989730 |
| 369 - 370 | 62°03'58"SE | 63.28                 | 370          | 724,838.907438  | 2,005,011.348040 |
| 370 - 371 | 65°18'28"SE | 91.97                 | 371          | 724,922.465418  | 2,004,972.929680 |
| 371 - 372 | 63°22'25"SE | 93.30                 | 372          | 725,005.871652  | 2,004,931.115230 |
| 372 - 373 | 74°34'26"SE | 43.60                 | 373          | 725,047.899315  | 2,004,919.518460 |
| 373 - 374 | 63°32'27"SE | 122.06                | 374          | 725,157.170855  | 2,004,865.134990 |
| 374 - 375 | 64°25'06"SE | 5.52                  | 375          | 725,162.149277  | 2,004,862.751710 |
| 375 - 376 | 89°27'35"SE | 16.83                 | 376          | 725,178.977412  | 2,004,862.593040 |
| 376 - 377 | 87°23'55"NE | 29.33                 | 377          | 725,208.276638  | 2,004,863.924080 |
| 377 - 378 | 50°18'21"SE | 13.73                 | 378          | 725,218.844481  | 2,004,855.152350 |
| 378 - 379 | 65°34'04"NE | 11.97                 | 379          | 725,229.738112  | 2,004,860.101300 |
| 379 - 380 | 44°51'48"NE | 12.36                 | 380          | 725,238.459752  | 2,004,868.864600 |
| 380 - 381 | 44°51'48"NE | 38.48                 | 381          | 725,265.601719  | 2,004,896.136220 |
| 381 - 382 | 62°44'12"SE | 13.86                 | 382          | 725,277.925021  | 2,004,889.785740 |
| 382 - 383 | 62°44'12"SE | 45.69                 | 383          | 725,318.538726  | 2,004,868.856560 |
| 383 - 384 | 45°22'13"SW | 37.55                 | 384          | 725,291.817086  | 2,004,842.478100 |
| 384 - 385 | 20°02'53"SW | 10.55                 | 385          | 725,288.200798  | 2,004,832.568420 |
| 385 - 386 | 17°34'01"SE | 22.11                 | 386          | 725,294.873394  | 2,004,811.491770 |
| 386 - 387 | 43°29'56"SE | 22.47                 | 387          | 725,310.341194  | 2,004,795.191480 |
| 387 - 388 | 60°37'13"SE | 36.46                 | 388          | 725,342.108685  | 2,004,777.306230 |
| 388 - 389 | 58°11'57"SE | 33.91                 | 389          | 725,370.926468  | 2,004,759.437970 |
| 389 - 390 | 67°48'52"SE | 45.64                 | 390          | 725,413.191618  | 2,004,742.202450 |
| 390 - 391 | 65°58'30"SE | 39.87                 | 391          | 725,449.606756  | 2,004,725.970390 |
| 391 - 392 | 80°02'00"SE | 15.99                 | 392          | 725,465.353121  | 2,004,723.203370 |
| 392 - 393 | 74°45'11"SE | 26.46                 | 393          | 725,490.878323  | 2,004,716.245880 |
| 393 - 394 | 76°13'33"SE | 27.46                 | 394          | 725,517.549512  | 2,004,709.707580 |
| 394 - 395 | 74°35'09"SE | 7.50                  | 395          | 725,524.784518  | 2,004,707.712840 |
| 395 - 396 | 84°28'00"NE | 36.37                 | 396          | 725,560.985698  | 2,004,711.219790 |
| 396 - 397 | 74°29'24"SE | 91.33                 | 397          | 725,648.991804  | 2,004,686.797140 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 397 - 398 | 62°31'29"SE | 58.02                 | 398          | 725,700.463626  | 2,004,660.031090 |
| 398 - 399 | 65°09'37"SE | 26.36                 | 399          | 725,724.386042  | 2,004,648.957370 |
| 399 - 400 | 65°57'17"NE | 0.56                  | 400          | 725,724.898779  | 2,004,649.186140 |
| 400 - 401 | 54°28'39"NE | 20.13                 | 401          | 725,741.280932  | 2,004,660.881090 |
| 401 - 402 | 76°16'16"SE | 29.61                 | 402          | 725,770.047291  | 2,004,653.853280 |
| 402 - 403 | 33°45'08"NE | 19.27                 | 403          | 725,780.755702  | 2,004,669.878090 |
| 403 - 404 | 71°25'06"SE | 48.42                 | 404          | 725,826.655908  | 2,004,654.447340 |
| 404 - 405 | 71°25'06"SE | 29.58                 | 405          | 725,854.695746  | 2,004,645.020890 |
| 405 - 406 | 14°31'26"SW | 24.52                 | 406          | 725,848.547200  | 2,004,621.287430 |
| 406 - 407 | 14°31'26"SW | 34.22                 | 407          | 725,839.965538  | 2,004,588.162110 |
| 407 - 408 | 02°12'46"SE | 29.14                 | 408          | 725,841.090713  | 2,004,559.043620 |
| 408 - 409 | 34°47'58"SE | 7.99                  | 409          | 725,845.649899  | 2,004,552.483730 |
| 409 - 410 | 59°48'50"SE | 12.54                 | 410          | 725,856.492449  | 2,004,546.176760 |
| 410 - 411 | 70°51'22"SE | 52.53                 | 411          | 725,906.120169  | 2,004,528.949180 |
| 411 - 412 | 77°13'19"SE | 76.06                 | 412          | 725,980.294650  | 2,004,512.127180 |
| 412 - 413 | 54°15'58"NE | 48.80                 | 413          | 726,019.904150  | 2,004,540.624990 |
| 413 - 414 | 33°58'02"SE | 50.44                 | 414          | 726,048.086307  | 2,004,498.791810 |
| 414 - 415 | 30°41'30"SW | 26.71                 | 415          | 726,034.453231  | 2,004,475.823540 |
| 415 - 416 | 25°32'14"SE | 6.87                  | 416          | 726,037.414059  | 2,004,469.626450 |
| 416 - 417 | 59°16'18"SE | 20.25                 | 417          | 726,054.820097  | 2,004,459.279960 |
| 417 - 418 | 60°01'06"SE | 61.83                 | 418          | 726,108.375785  | 2,004,428.382500 |
| 418 - 419 | 64°59'40"SE | 48.99                 | 419          | 726,152.775214  | 2,004,407.673590 |
| 419 - 420 | 68°35'23"SE | 6.28                  | 420          | 726,158.625657  | 2,004,405.379640 |
| 420 - 421 | 86°49'18"SE | 6.23                  | 421          | 726,164.849666  | 2,004,405.034050 |
| 421 - 422 | 65°07'55"SE | 22.03                 | 422          | 726,184.841029  | 2,004,395.767930 |
| 422 - 423 | 70°21'23"SE | 18.07                 | 423          | 726,201.856300  | 2,004,389.694470 |
| 423 - 424 | 47°32'58"SE | 4.94                  | 424          | 726,205.502640  | 2,004,386.359030 |
| 424 - 425 | 65°47'58"SE | 47.35                 | 425          | 726,248.693223  | 2,004,366.948100 |
| 425 - 426 | 67°13'07"SE | 70.33                 | 426          | 726,313.535455  | 2,004,339.715830 |
| 426 - 427 | 71°38'11"SE | 61.58                 | 427          | 726,371.978390  | 2,004,320.315940 |
| 427 - 428 | 63°12'27"SE | 61.55                 | 428          | 726,426.922448  | 2,004,292.570860 |
| 428 - 429 | 66°24'50"SE | 72.25                 | 429          | 726,493.134737  | 2,004,263.662770 |
| 429 - 430 | 69°31'05"SE | 57.03                 | 430          | 726,546.559713  | 2,004,243.707310 |
| 430 - 431 | 64°18'13"SE | 32.87                 | 431          | 726,576.180243  | 2,004,229.454260 |
| 431 - 432 | 65°41'41"SE | 110.97                | 432          | 726,677.315903  | 2,004,183.778590 |
| 432 - 433 | 68°16'31"SE | 39.89                 | 433          | 726,714.373988  | 2,004,169.012990 |
| 433 - 434 | 70°10'41"SE | 52.57                 | 434          | 726,763.826805  | 2,004,151.187640 |
| 434 - 435 | 67°11'50"SE | 82.23                 | 435          | 726,839.634201  | 2,004,119.317160 |
| 435 - 436 | 68°22'00"SE | 47.48                 | 436          | 726,883.773904  | 2,004,101.811320 |
| 436 - 437 | 68°35'08"SE | 67.50                 | 437          | 726,946.617521  | 2,004,077.165100 |
| 437 - 438 | 67°09'15"SE | 62.06                 | 438          | 727,003.811780  | 2,004,053.069090 |
| 438 - 439 | 87°38'23"SE | 15.55                 | 439          | 727,019.352275  | 2,004,052.428600 |
| 439 - 440 | 64°20'40"SE | 22.08                 | 440          | 727,039.258024  | 2,004,042.867640 |
| 440 - 441 | 52°03'41"SE | 13.69                 | 441          | 727,050.058526  | 2,004,034.448000 |
| 441 - 442 | 76°50'03"SE | 0.72                  | 442          | 727,050.762414  | 2,004,034.283350 |
| 442 - 443 | 64°29'55"NE | 12.57                 | 443          | 727,062.110392  | 2,004,039.696370 |
| 443 - 444 | 75°12'40"SE | 27.19                 | 444          | 727,088.403796  | 2,004,032.754850 |
| 444 - 445 | 41°23'40"SE | 13.18                 | 445          | 727,097.118783  | 2,004,022.867760 |
| 445 - 446 | 79°47'29"SE | 23.14                 | 446          | 727,119.892045  | 2,004,018.766780 |
| 446 - 447 | 69°45'35"SE | 29.37                 | 447          | 727,147.450523  | 2,004,008.605320 |
| 447 - 448 | 69°37'17"SE | 30.04                 | 448          | 727,175.607368  | 2,003,998.145850 |
| 448 - 449 | 71°15'36"SE | 24.66                 | 449          | 727,198.960301  | 2,003,990.223170 |
| 449 - 450 | 40°59'11"NE | 48.33                 | 450          | 727,230.660071  | 2,004,026.707010 |
| 450 - 451 | 72°07'38"SE | 224.93                | 451          | 727,444.732306  | 2,003,957.675970 |
| 451 - 452 | 11°42'02"SW | 37.97                 | 452          | 727,437.031588  | 2,003,920.492600 |
| 452 - 453 | 16°52'36"SE | 16.88                 | 453          | 727,441.930701  | 2,003,904.344340 |
| 453 - 454 | 34°29'24"SE | 24.24                 | 454          | 727,455.658784  | 2,003,884.362520 |
| 454 - 455 | 55°34'46"SE | 16.75                 | 455          | 727,469.479637  | 2,003,874.891970 |
| 455 - 456 | 59°20'20"SE | 51.19                 | 456          | 727,513.511951  | 2,003,848.787970 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 456 - 457 | 76°11'02"SE | 43.71                 | 457          | 727,555.961457  | 2,003,838.348900 |
| 457 - 458 | 68°33'28"SE | 94.37                 | 458          | 727,643.799700  | 2,003,803.850930 |
| 458 - 459 | 68°48'16"SE | 88.33                 | 459          | 727,726.155466  | 2,003,771.914680 |
| 459 - 460 | 67°09'31"SE | 92.97                 | 460          | 727,811.831125  | 2,003,735.827440 |
| 460 - 461 | 69°20'02"SE | 87.92                 | 461          | 727,894.089302  | 2,003,704.800390 |
| 461 - 462 | 63°50'50"SE | 38.54                 | 462          | 727,928.681588  | 2,003,687.814380 |
| 462 - 463 | 69°34'00"SE | 57.09                 | 463          | 727,982.182374  | 2,003,667.882200 |
| 463 - 464 | 67°25'16"SE | 54.16                 | 464          | 728,032.186706  | 2,003,647.089140 |
| 464 - 465 | 66°24'18"SE | 70.12                 | 465          | 728,096.444481  | 2,003,619.022330 |
| 465 - 466 | 71°03'41"SE | 53.83                 | 466          | 728,147.358437  | 2,003,601.552250 |
| 466 - 467 | 63°25'46"SE | 53.01                 | 467          | 728,194.770825  | 2,003,577.840440 |
| 467 - 468 | 74°06'35"SE | 37.16                 | 468          | 728,230.514845  | 2,003,567.665200 |
| 468 - 469 | 69°18'03"SE | 68.11                 | 469          | 728,294.230468  | 2,003,543.590450 |
| 469 - 470 | 64°22'09"SE | 53.23                 | 470          | 728,342.222386  | 2,003,520.564840 |
| 470 - 471 | 69°23'09"SE | 50.33                 | 471          | 728,389.328362  | 2,003,502.845710 |
| 471 - 472 | 65°21'20"SE | 51.01                 | 472          | 728,435.695296  | 2,003,481.573930 |
| 472 - 473 | 69°22'17"SE | 38.32                 | 473          | 728,471.556105  | 2,003,468.074470 |
| 473 - 474 | 67°20'59"SE | 37.73                 | 474          | 728,506.379062  | 2,003,453.543360 |
| 474 - 475 | 71°03'53"SE | 44.86                 | 475          | 728,548.815242  | 2,003,438.985180 |
| 475 - 476 | 62°57'45"SE | 62.14                 | 476          | 728,604.168365  | 2,003,410.735890 |
| 476 - 477 | 65°31'29"SE | 58.57                 | 477          | 728,657.475791  | 2,003,386.470270 |
| 477 - 478 | 74°28'40"SE | 47.48                 | 478          | 728,703.227274  | 2,003,373.763160 |
| 478 - 479 | 65°02'50"SE | 43.45                 | 479          | 728,742.623913  | 2,003,355.431730 |
| 479 - 480 | 69°42'49"SE | 80.22                 | 480          | 728,817.872527  | 2,003,327.616890 |
| 480 - 481 | 63°05'11"SE | 52.04                 | 481          | 728,864.279385  | 2,003,304.059510 |
| 481 - 482 | 70°29'58"SE | 56.40                 | 482          | 728,917.439663  | 2,003,285.234110 |
| 482 - 483 | 71°48'51"SE | 57.34                 | 483          | 728,971.916382  | 2,003,267.338170 |
| 483 - 484 | 61°47'15"SE | 61.58                 | 484          | 729,026.182915  | 2,003,238.225470 |
| 484 - 485 | 70°56'28"SE | 52.95                 | 485          | 729,076.230170  | 2,003,220.935450 |
| 485 - 486 | 55°48'57"NE | 29.97                 | 486          | 729,101.018689  | 2,003,237.771580 |
| 486 - 487 | 63°27'23"NE | 40.48                 | 487          | 729,137.235188  | 2,003,255.862870 |
| 487 - 488 | 49°31'06"SE | 94.10                 | 488          | 729,208.807989  | 2,003,194.774070 |
| 488 - 489 | 32°01'05"SE | 46.82                 | 489          | 729,233.630152  | 2,003,155.078190 |
| 489 - 490 | 65°35'40"SE | 70.83                 | 490          | 729,298.129091  | 2,003,125.812820 |
| 490 - 491 | 66°29'16"SE | 75.63                 | 491          | 729,367.479252  | 2,003,095.641010 |
| 491 - 492 | 72°05'01"SE | 32.23                 | 492          | 729,398.149278  | 2,003,085.725230 |
| 492 - 493 | 66°39'56"SE | 60.02                 | 493          | 729,453.260329  | 2,003,061.951390 |
| 493 - 494 | 66°06'23"SE | 57.99                 | 494          | 729,506.277693  | 2,003,038.464430 |
| 494 - 495 | 70°20'20"SE | 56.66                 | 495          | 729,559.631122  | 2,003,019.402190 |
| 495 - 496 | 65°43'35"SE | 58.34                 | 496          | 729,612.810316  | 2,002,995.420500 |
| 496 - 497 | 67°09'59"SE | 55.36                 | 497          | 729,663.828778  | 2,002,973.939320 |
| 497 - 498 | 65°37'41"SE | 56.58                 | 498          | 729,715.365035  | 2,002,950.592080 |
| 498 - 499 | 65°42'12"SE | 55.68                 | 499          | 729,766.109200  | 2,002,927.683920 |
| 499 - 500 | 69°45'18"SE | 56.83                 | 500          | 729,819.427126  | 2,002,908.019430 |
| 500 - 501 | 65°55'37"SE | 55.14                 | 501          | 729,869.769579  | 2,002,885.528840 |
| 501 - 502 | 65°23'26"SE | 55.92                 | 502          | 729,920.610920  | 2,002,862.241900 |
| 502 - 503 | 63°35'41"SE | 56.75                 | 503          | 729,971.436500  | 2,002,837.006290 |
| 503 - 504 | 67°00'42"SE | 33.82                 | 504          | 730,002.575055  | 2,002,823.796240 |
| 504 - 505 | 63°28'30"SE | 67.32                 | 505          | 730,062.805830  | 2,002,793.733500 |
| 505 - 506 | 64°47'09"SE | 41.96                 | 506          | 730,100.770661  | 2,002,775.857170 |
| 506 - 507 | 76°54'54"SE | 1.80                  | 507          | 730,102.522676  | 2,002,775.449950 |
| 507 - 508 | 58°13'38"SE | 3.31                  | 508          | 730,105.335740  | 2,002,773.707630 |
| 508 - 509 | 64°47'09"SE | 34.12                 | 509          | 730,136.205962  | 2,002,759.171900 |
| 509 - 510 | 62°17'06"SE | 57.63                 | 510          | 730,187.227544  | 2,002,732.368080 |
| 510 - 511 | 67°49'43"SE | 57.87                 | 511          | 730,240.817563  | 2,002,710.529770 |
| 511 - 512 | 60°31'29"SE | 48.46                 | 512          | 730,283.008104  | 2,002,686.683600 |
| 512 - 513 | 64°51'45"SE | 56.42                 | 513          | 730,334.085390  | 2,002,662.716690 |
| 513 - 514 | 64°17'14"SE | 53.23                 | 514          | 730,382.046909  | 2,002,639.621270 |
| 514 - 515 | 64°34'17"SE | 60.96                 | 515          | 730,437.104408  | 2,002,613.444360 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 515 - 516 | 61°55'51"SE | 56.27                 | 516          | 730,486.757133  | 2,002,586.966820 |
| 516 - 517 | 67°07'39"SE | 54.16                 | 517          | 730,536.658349  | 2,002,565.916100 |
| 517 - 518 | 58°03'50"SE | 35.91                 | 518          | 730,567.134410  | 2,002,546.919810 |
| 518 - 519 | 86°48'47"NE | 25.80                 | 519          | 730,592.893572  | 2,002,548.353970 |
| 519 - 520 | 66°28'38"NE | 21.29                 | 520          | 730,612.413496  | 2,002,556.850600 |
| 520 - 521 | 69°57'23"SE | 9.80                  | 521          | 730,621.616080  | 2,002,553.493220 |
| 521 - 522 | 29°25'12"SE | 8.28                  | 522          | 730,625.683134  | 2,002,546.281270 |
| 522 - 523 | 08°49'54"SE | 13.66                 | 523          | 730,627.780575  | 2,002,532.782410 |
| 523 - 524 | 34°35'08"SE | 22.39                 | 524          | 730,640.490736  | 2,002,514.348060 |
| 524 - 525 | 49°27'19"SE | 21.38                 | 525          | 730,656.733881  | 2,002,500.453210 |
| 525 - 526 | 88°19'06"NE | 9.70                  | 526          | 730,666.428808  | 2,002,500.737800 |
| 526 - 527 | 88°19'07"NE | 5.24                  | 527          | 730,671.666258  | 2,002,500.891530 |
| 527 - 528 | 82°17'35"SE | 12.99                 | 528          | 730,684.542362  | 2,002,499.149060 |
| 528 - 529 | 37°42'35"NE | 14.65                 | 529          | 730,693.501183  | 2,002,510.736290 |
| 529 - 530 | 88°36'13"SE | 31.48                 | 530          | 730,724.969655  | 2,002,509.969210 |
| 530 - 531 | 87°08'21"SE | 25.04                 | 531          | 730,749.978882  | 2,002,508.719450 |
| 531 - 532 | 77°27'57"SE | 20.00                 | 532          | 730,769.502235  | 2,002,504.379090 |
| 532 - 533 | 48°28'21"SE | 54.29                 | 533          | 730,810.147273  | 2,002,468.384810 |
| 533 - 534 | 50°10'42"SE | 20.00                 | 534          | 730,825.508159  | 2,002,455.576880 |
| 534 - 535 | 21°13'06"SE | 20.42                 | 535          | 730,832.897380  | 2,002,436.544620 |
| 535 - 536 | 17°01'39"SE | 16.07                 | 536          | 730,837.603804  | 2,002,421.177130 |
| 536 - 537 | 53°45'41"SE | 10.89                 | 537          | 730,846.388778  | 2,002,414.738470 |
| 537 - 538 | 59°32'31"SE | 11.38                 | 538          | 730,856.198493  | 2,002,408.969790 |
| 538 - 539 | 60°50'32"SE | 10.98                 | 539          | 730,865.787835  | 2,002,403.619770 |
| 539 - 540 | 87°36'59"SE | 6.08                  | 540          | 730,871.860762  | 2,002,403.367000 |
| 540 - 541 | 66°45'11"NE | 5.55                  | 541          | 730,876.956621  | 2,002,405.556020 |
| 541 - 542 | 81°20'43"SE | 5.47                  | 542          | 730,882.362157  | 2,002,404.733240 |
| 542 - 543 | 46°41'10"SE | 9.09                  | 543          | 730,888.977266  | 2,002,398.496490 |
| 543 - 544 | 60°50'02"SE | 18.62                 | 544          | 730,905.232222  | 2,002,389.424550 |
| 544 - 545 | 86°54'06"NE | 11.54                 | 545          | 730,916.755213  | 2,002,390.048230 |
| 545 - 546 | 59°29'43"SE | 5.76                  | 546          | 730,921.719088  | 2,002,387.123750 |
| 546 - 547 | 56°52'28"SE | 20.73                 | 547          | 730,939.083850  | 2,002,375.792800 |
| 547 - 548 | 58°13'18"SE | 5.55                  | 548          | 730,943.801091  | 2,002,372.870480 |
| 548 - 549 | 52°01'52"SE | 11.38                 | 549          | 730,952.769518  | 2,002,365.871470 |
| 549 - 550 | 60°37'36"SE | 11.80                 | 550          | 730,963.053604  | 2,002,360.083050 |
| 550 - 551 | 83°50'35"SE | 10.74                 | 551          | 730,973.729666  | 2,002,358.931420 |
| 551 - 552 | 74°18'33"NE | 10.90                 | 552          | 730,984.221137  | 2,002,361.878590 |
| 552 - 553 | 49°57'21"NE | 5.48                  | 553          | 730,988.415986  | 2,002,365.404000 |
| 553 - 554 | 59°11'40"NE | 5.11                  | 554          | 730,992.804021  | 2,002,368.020350 |
| 554 - 555 | 76°38'39"SE | 6.22                  | 555          | 730,998.852068  | 2,002,366.584440 |
| 555 - 556 | 45°50'53"SE | 5.03                  | 556          | 731,002.462003  | 2,002,363.079850 |
| 556 - 557 | 05°28'28"SE | 4.60                  | 557          | 731,002.901216  | 2,002,358.497120 |
| 557 - 558 | 01°55'35"SE | 5.87                  | 558          | 731,003.098523  | 2,002,352.631020 |
| 558 - 559 | 29°25'14"SE | 9.88                  | 559          | 731,007.952659  | 2,002,344.023590 |
| 559 - 560 | 25°04'19"SE | 9.83                  | 560          | 731,012.116334  | 2,002,335.123840 |
| 560 - 561 | 28°56'13"SE | 10.80                 | 561          | 731,017.343525  | 2,002,325.669250 |
| 561 - 562 | 76°47'04"SE | 15.91                 | 562          | 731,032.830360  | 2,002,322.032470 |
| 562 - 563 | 81°41'59"NE | 4.76                  | 563          | 731,037.540814  | 2,002,322.719660 |
| 563 - 564 | 49°05'01"NE | 5.46                  | 564          | 731,041.667768  | 2,002,326.296590 |
| 564 - 565 | 57°30'42"NE | 6.57                  | 565          | 731,047.212980  | 2,002,329.827660 |
| 565 - 566 | 72°38'46"SE | 9.06                  | 566          | 731,055.864167  | 2,002,327.124230 |
| 566 - 567 | 33°09'33"SE | 4.57                  | 567          | 731,058.363743  | 2,002,323.298560 |
| 567 - 568 | 22°41'04"SE | 5.84                  | 568          | 731,060.617457  | 2,002,317.906820 |
| 568 - 569 | 52°03'43"SE | 29.59                 | 569          | 731,083.957412  | 2,002,299.712410 |
| 569 - 570 | 61°32'29"SE | 9.39                  | 570          | 731,092.211740  | 2,002,295.238400 |
| 570 - 571 | 25°30'37"SE | 4.01                  | 571          | 731,093.938415  | 2,002,291.620030 |
| 571 - 572 | 22°01'04"SE | 5.30                  | 572          | 731,095.927076  | 2,002,286.702350 |
| 572 - 573 | 64°38'13"SE | 30.53                 | 573          | 731,123.516921  | 2,002,273.623550 |
| 573 - 574 | 87°16'41"NE | 5.89                  | 574          | 731,129.398822  | 2,002,273.903170 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 574 - 575 | 82°26'20"SE | 4.70                  | 575          | 731,134.057333  | 2,002,273.284810 |
| 575 - 576 | 59°28'18"SE | 15.69                 | 576          | 731,147.574640  | 2,002,265.313560 |
| 576 - 577 | 28°46'44"SE | 5.50                  | 577          | 731,150.223432  | 2,002,260.491220 |
| 577 - 578 | 58°55'02"SE | 20.77                 | 578          | 731,168.012940  | 2,002,249.767300 |
| 578 - 579 | 62°30'55"NE | 11.25                 | 579          | 731,177.992611  | 2,002,254.958980 |
| 579 - 580 | 50°32'58"NE | 10.82                 | 580          | 731,186.343852  | 2,002,261.831110 |
| 580 - 581 | 70°04'44"NE | 11.07                 | 581          | 731,196.751452  | 2,002,265.602890 |
| 581 - 582 | 73°36'38"SE | 5.23                  | 582          | 731,201.769019  | 2,002,264.127160 |
| 582 - 583 | 48°12'20"SE | 5.53                  | 583          | 731,205.895240  | 2,002,260.438620 |
| 583 - 584 | 40°28'53"SE | 11.93                 | 584          | 731,213.639789  | 2,002,251.365040 |
| 584 - 585 | 52°58'38"SE | 10.44                 | 585          | 731,221.974314  | 2,002,245.079340 |
| 585 - 586 | 82°46'19"NE | 21.62                 | 586          | 731,243.420216  | 2,002,247.799200 |
| 586 - 587 | 81°04'06"NE | 19.83                 | 587          | 731,263.012459  | 2,002,250.878320 |
| 587 - 588 | 56°56'55"SE | 10.62                 | 588          | 731,271.917178  | 2,002,245.084190 |
| 588 - 589 | 08°24'23"SE | 18.76                 | 589          | 731,274.659632  | 2,002,226.527160 |
| 589 - 590 | 40°19'02"SE | 28.56                 | 590          | 731,293.135357  | 2,002,204.754720 |
| 590 - 591 | 34°47'11"SE | 26.97                 | 591          | 731,308.520988  | 2,002,182.606540 |
| 591 - 592 | 69°05'27"SE | 39.56                 | 592          | 731,345.473265  | 2,002,168.489130 |
| 592 - 593 | 36°38'54"SE | 8.37                  | 593          | 731,350.471325  | 2,002,161.771120 |
| 593 - 594 | 59°14'51"SE | 14.06                 | 594          | 731,362.557504  | 2,002,154.579940 |
| 594 - 595 | 86°35'42"NE | 10.71                 | 595          | 731,373.250719  | 2,002,155.216120 |
| 595 - 596 | 60°14'14"SE | 21.75                 | 596          | 731,392.133220  | 2,002,144.418380 |
| 596 - 597 | 20°10'54"SE | 11.11                 | 597          | 731,395.965025  | 2,002,133.993610 |
| 597 - 598 | 68°58'00"SE | 9.92                  | 598          | 731,405.221640  | 2,002,130.434180 |
| 598 - 599 | 63°56'55"SE | 9.04                  | 599          | 731,413.343663  | 2,002,126.463830 |
| 599 - 600 | 65°39'32"NE | 4.80                  | 600          | 731,417.714957  | 2,002,128.441310 |
| 600 - 601 | 44°45'04"NE | 10.88                 | 601          | 731,425.374234  | 2,002,136.167380 |
| 601 - 602 | 86°53'19"SE | 6.09                  | 602          | 731,431.454418  | 2,002,135.836880 |
| 602 - 603 | 55°28'25"SE | 5.94                  | 603          | 731,436.346964  | 2,002,132.471010 |
| 603 - 604 | 45°19'21"SE | 11.55                 | 604          | 731,444.562498  | 2,002,124.347450 |
| 604 - 605 | 67°03'17"SE | 11.61                 | 605          | 731,455.257840  | 2,002,119.819600 |
| 605 - 606 | 52°02'16"SE | 11.89                 | 606          | 731,464.633731  | 2,002,112.504340 |
| 606 - 607 | 15°39'44"SE | 12.09                 | 607          | 731,467.898831  | 2,002,100.858930 |
| 607 - 608 | 67°03'01"SE | 12.66                 | 608          | 731,479.553630  | 2,002,095.923840 |
| 608 - 609 | 73°59'35"NE | 9.97                  | 609          | 731,489.136239  | 2,002,098.672850 |
| 609 - 610 | 76°46'39"NE | 5.62                  | 610          | 731,494.609286  | 2,002,099.958800 |
| 610 - 611 | 56°33'29"SE | 12.23                 | 611          | 731,504.817292  | 2,002,093.217190 |
| 611 - 612 | 67°34'27"SE | 29.84                 | 612          | 731,532.398331  | 2,002,081.834630 |
| 612 - 613 | 41°26'06"SE | 5.72                  | 613          | 731,536.182217  | 2,002,077.547970 |
| 613 - 614 | 05°43'22"SW | 11.14                 | 614          | 731,535.071487  | 2,002,066.464800 |
| 614 - 615 | 58°48'08"SE | 17.53                 | 615          | 731,550.065179  | 2,002,057.385160 |
| 615 - 616 | 69°53'21"SE | 35.34                 | 616          | 731,583.252330  | 2,002,045.233330 |
| 616 - 617 | 58°14'17"SE | 24.19                 | 617          | 731,603.815693  | 2,002,032.502510 |
| 617 - 618 | 63°58'51"SE | 40.61                 | 618          | 731,640.311906  | 2,002,014.687200 |
| 618 - 619 | 68°59'41"SE | 12.17                 | 619          | 731,651.673568  | 2,002,010.324670 |
| 619 - 620 | 59°38'25"SE | 16.38                 | 620          | 731,665.805501  | 2,002,002.046870 |
| 620 - 621 | 61°18'13"SE | 41.17                 | 621          | 731,701.922895  | 2,001,982.276280 |
| 621 - 622 | 68°18'28"SE | 21.21                 | 622          | 731,721.629182  | 2,001,974.437380 |
| 622 - 623 | 60°51'26"SE | 17.53                 | 623          | 731,736.939468  | 2,001,965.900870 |
| 623 - 624 | 63°43'01"SE | 17.68                 | 624          | 731,752.787705  | 2,001,958.074070 |
| 624 - 625 | 69°22'48"SE | 58.06                 | 625          | 731,807.132751  | 2,001,937.625700 |
| 625 - 626 | 69°29'34"SE | 54.58                 | 626          | 731,858.252274  | 2,001,918.505770 |
| 626 - 627 | 65°02'43"SE | 49.53                 | 627          | 731,903.161646  | 2,001,897.607540 |
| 627 - 628 | 62°50'00"SE | 15.35                 | 628          | 731,916.816316  | 2,001,890.600110 |
| 628 - 629 | 65°42'45"SE | 14.78                 | 629          | 731,930.291124  | 2,001,884.519540 |
| 629 - 630 | 26°14'20"SE | 5.26                  | 630          | 731,932.616988  | 2,001,879.800850 |
| 630 - 631 | 21°46'24"SW | 5.82                  | 631          | 731,930.456850  | 2,001,874.392830 |
| 631 - 632 | 20°17'33"SW | 5.78                  | 632          | 731,928.452834  | 2,001,868.973100 |
| 632 - 633 | 03°23'11"SW | 5.07                  | 633          | 731,928.153269  | 2,001,863.910640 |

| Est-PV                                                                                                                                                                                | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                       |             |                       |              | X               | Y                |
| 633 - 634                                                                                                                                                                             | 09°39'14"SW | 6.26                  | 634          | 731,927.103362  | 2,001,857.738540 |
| 634 - 635                                                                                                                                                                             | 21°26'22"SE | 3.53                  | 635          | 731,928.395443  | 2,001,854.448220 |
| 635 - 636                                                                                                                                                                             | 64°18'09"SE | 45.52                 | 636          | 731,969.417276  | 2,001,834.708110 |
| 636 - 637                                                                                                                                                                             | 66°18'33"SE | 22.69                 | 637          | 731,990.190812  | 2,001,825.593160 |
| 637 - 638                                                                                                                                                                             | 23°41'26"SW | 20.00                 | 638          | 731,982.154812  | 2,001,807.278610 |
| 638 - 639                                                                                                                                                                             | 24°24'32"SW | 5.89                  | 639          | 731,979.718832  | 2,001,801.910790 |
| A partir de este vértice 639 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 18,814.67 metros hasta llegar al vértice 640. |             |                       |              |                 |                  |
|                                                                                                                                                                                       |             |                       | 640          | 714,752.077028  | 2,009,364.979720 |
| 640 - 641                                                                                                                                                                             | 09°43'39"NE | 18.79                 | 641          | 714,755.252035  | 2,009,383.500590 |
| 641 - 642                                                                                                                                                                             | 31°45'34"NE | 13.07                 | 642          | 714,762.131215  | 2,009,394.613110 |
| 642 - 643                                                                                                                                                                             | 51°29'31"NE | 22.51                 | 643          | 714,779.744844  | 2,009,408.627580 |
| 643 - 644                                                                                                                                                                             | 58°28'49"NE | 22.79                 | 644          | 714,799.172956  | 2,009,420.542330 |
| 644 - 1                                                                                                                                                                               | 30°39'58"NE | 23.82                 | 1            |                 |                  |

### Zona de Amortiguamiento

#### “Boca del Tanque”

(Superficie 62-14-13.82 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 714,811.323000  | 2,009,441.032800 |
| 1 - 2   | 81°56'13"SE | 6.47                  | 2            | 714,817.724300  | 2,009,440.126000 |
| 2 - 3   | 77°31'20"NE | 19.67                 | 3            | 714,836.934400  | 2,009,444.376900 |
| 3 - 4   | 53°37'29"NE | 10.95                 | 4            | 714,845.749200  | 2,009,450.869800 |
| 4 - 5   | 89°31'06"SE | 38.07                 | 5            | 714,883.817600  | 2,009,450.549800 |
| 5 - 6   | 24°44'44"SE | 18.27                 | 6            | 714,891.464500  | 2,009,433.959100 |
| 6 - 7   | 75°35'43"SE | 75.35                 | 7            | 714,964.445800  | 2,009,415.214300 |
| 7 - 8   | 72°35'35"SE | 67.53                 | 8            | 715,028.880600  | 2,009,395.013200 |
| 8 - 9   | 69°11'38"SE | 62.89                 | 9            | 715,087.670100  | 2,009,372.674200 |
| 9 - 10  | 72°51'13"SE | 51.14                 | 10           | 715,136.539600  | 2,009,357.596900 |
| 10 - 11 | 67°27'32"SE | 53.16                 | 11           | 715,185.636200  | 2,009,337.219200 |
| 11 - 12 | 67°04'32"SE | 59.20                 | 12           | 715,240.158100  | 2,009,314.160900 |
| 12 - 13 | 71°26'40"SE | 69.51                 | 13           | 715,306.057700  | 2,009,292.040300 |
| 13 - 14 | 71°09'17"SE | 14.59                 | 14           | 715,319.861300  | 2,009,287.329000 |
| 14 - 15 | 65°10'31"SE | 74.74                 | 15           | 715,387.692000  | 2,009,255.951300 |
| 15 - 16 | 63°07'30"SE | 74.67                 | 16           | 715,454.300500  | 2,009,222.195500 |
| 16 - 17 | 63°16'16"SE | 62.53                 | 17           | 715,510.151700  | 2,009,194.070000 |
| 17 - 18 | 84°43'26"NE | 30.09                 | 18           | 715,540.113600  | 2,009,196.836800 |
| 18 - 19 | 82°34'07"NE | 30.68                 | 19           | 715,570.540700  | 2,009,200.805500 |
| 19 - 20 | 69°51'48"NE | 21.14                 | 20           | 715,590.384500  | 2,009,208.081600 |
| 20 - 21 | 24°22'35"SE | 46.48                 | 21           | 715,609.566900  | 2,009,165.748200 |
| 21 - 22 | 35°24'28"SE | 25.34                 | 22           | 715,624.249200  | 2,009,145.094300 |
| 22 - 23 | 64°26'24"SE | 4.25                  | 23           | 715,628.087700  | 2,009,143.258500 |
| 23 - 24 | 63°26'06"SE | 19.23                 | 24           | 715,645.285700  | 2,009,134.659600 |
| 24 - 25 | 75°19'24"SE | 28.72                 | 25           | 715,673.067000  | 2,009,127.383500 |
| 25 - 26 | 59°02'10"SE | 27.00                 | 26           | 715,696.218100  | 2,009,113.492900 |
| 26 - 27 | 84°17'21"SE | 19.94                 | 27           | 715,716.061900  | 2,009,111.508500 |
| 27 - 28 | 71°33'54"NE | 18.83                 | 28           | 715,733.921300  | 2,009,117.461600 |
| 28 - 29 | 44°59'59"SE | 19.64                 | 29           | 715,747.811900  | 2,009,103.571000 |
| 29 - 30 | 52°21'08"SE | 29.24                 | 30           | 715,770.963000  | 2,009,085.711500 |
| 30 - 31 | 56°31'54"SE | 34.37                 | 31           | 715,799.636000  | 2,009,066.756100 |
| 31 - 32 | 70°53'48"SE | 26.07                 | 32           | 715,824.269800  | 2,009,058.224400 |
| 32 - 33 | 76°33'31"SE | 27.59                 | 33           | 715,851.103900  | 2,009,051.811200 |
| 33 - 34 | 73°58'57"SE | 28.73                 | 34           | 715,878.713900  | 2,009,043.885100 |
| 34 - 35 | 78°36'13"SE | 38.65                 | 35           | 715,916.602300  | 2,009,036.248100 |
| 35 - 36 | 59°32'32"SE | 33.67                 | 36           | 715,945.623200  | 2,009,019.182400 |
| 36 - 37 | 68°43'28"SE | 24.26                 | 37           | 715,968.225800  | 2,009,010.381200 |
| 37 - 38 | 61°20'58"SE | 25.03                 | 38           | 715,990.194500  | 2,008,998.378400 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 38 - 39 | 70°53'49"SE | 32.15                 | 39           | 716,020.571200  | 2,008,987.857800 |
| 39 - 40 | 72°56'29"NE | 24.66                 | 40           | 716,044.145900  | 2,008,995.091600 |
| 40 - 41 | 74°44'42"NE | 15.08                 | 41           | 716,058.698000  | 2,008,999.060300 |
| 41 - 42 | 41°31'54"SE | 30.93                 | 42           | 716,079.203200  | 2,008,975.909200 |
| 42 - 43 | 71°33'54"SE | 33.47                 | 43           | 716,110.953300  | 2,008,965.325900 |
| 43 - 44 | 76°45'33"SE | 23.10                 | 44           | 716,133.442900  | 2,008,960.034200 |
| 44 - 45 | 13°28'32"SE | 23.67                 | 45           | 716,138.959700  | 2,008,937.012000 |
| 45 - 46 | 45°48'41"SE | 12.02                 | 46           | 716,147.579900  | 2,008,928.632600 |
| 46 - 47 | 45°48'41"SE | 11.02                 | 47           | 716,155.480000  | 2,008,920.953200 |
| 47 - 48 | 41°50'11"SE | 7.09                  | 48           | 716,160.210500  | 2,008,915.669200 |
| 48 - 49 | 89°08'43"SE | 14.20                 | 49           | 716,174.409900  | 2,008,915.457400 |
| 49 - 50 | 71°53'15"SE | 38.14                 | 50           | 716,210.655300  | 2,008,903.601900 |
| 50 - 51 | 83°57'31"SE | 29.45                 | 51           | 716,239.937900  | 2,008,900.502800 |
| 51 - 52 | 83°09'25"NE | 16.66                 | 52           | 716,256.474400  | 2,008,902.487200 |
| 52 - 53 | 51°42'35"SE | 16.01                 | 53           | 716,269.042100  | 2,008,892.565300 |
| 53 - 54 | 13°52'24"SE | 17.78                 | 54           | 716,273.304200  | 2,008,875.308800 |
| 54 - 55 | 69°09'23"SE | 8.09                  | 55           | 716,280.867500  | 2,008,872.429200 |
| 55 - 56 | 69°09'22"SE | 27.29                 | 56           | 716,306.369000  | 2,008,862.719800 |
| 56 - 57 | 67°56'41"SE | 9.28                  | 57           | 716,314.971800  | 2,008,859.234400 |
| 57 - 58 | 78°01'37"NE | 26.75                 | 58           | 716,341.141200  | 2,008,864.784000 |
| 58 - 59 | 87°08'16"SE | 13.25                 | 59           | 716,354.370400  | 2,008,864.122600 |
| 59 - 60 | 01°49'35"SW | 12.11                 | 60           | 716,353.984300  | 2,008,852.016100 |
| 60 - 61 | 53°58'20"SE | 17.65                 | 61           | 716,368.261100  | 2,008,841.632900 |
| 61 - 62 | 59°44'36"SE | 27.57                 | 62           | 716,392.073600  | 2,008,827.742300 |
| 62 - 63 | 62°23'27"SE | 34.60                 | 63           | 716,422.729300  | 2,008,811.709700 |
| 63 - 64 | 62°56'27"SE | 31.10                 | 64           | 716,450.424500  | 2,008,797.562400 |
| 64 - 65 | 70°45'37"SE | 38.64                 | 65           | 716,486.904500  | 2,008,784.830500 |
| 65 - 66 | 68°56'00"SE | 30.10                 | 66           | 716,514.991200  | 2,008,774.011600 |
| 66 - 67 | 73°35'29"SE | 34.83                 | 67           | 716,548.404100  | 2,008,764.172200 |
| 67 - 68 | 68°17'50"SE | 38.46                 | 68           | 716,584.134400  | 2,008,749.951400 |
| 68 - 69 | 60°29'32"SE | 29.25                 | 69           | 716,609.593700  | 2,008,735.542800 |
| 69 - 70 | 63°11'35"SE | 31.59                 | 70           | 716,637.791000  | 2,008,721.295100 |
| 70 - 71 | 69°34'39"SE | 31.12                 | 71           | 716,666.956100  | 2,008,710.435800 |
| 71 - 72 | 70°19'22"SE | 35.34                 | 72           | 716,700.232500  | 2,008,698.536200 |
| 72 - 73 | 64°20'08"SE | 34.68                 | 73           | 716,731.492800  | 2,008,683.515700 |
| 73 - 74 | 68°12'35"SE | 31.78                 | 74           | 716,760.999800  | 2,008,671.719600 |
| 74 - 75 | 65°45'29"SE | 29.50                 | 75           | 716,787.899800  | 2,008,659.606700 |
| 75 - 76 | 69°13'20"SE | 34.62                 | 76           | 716,820.264000  | 2,008,647.327200 |
| 76 - 77 | 64°14'35"SE | 29.71                 | 77           | 716,847.026000  | 2,008,634.414900 |
| 77 - 78 | 63°33'45"SE | 41.67                 | 78           | 716,884.341900  | 2,008,615.860900 |
| 78 - 79 | 60°33'36"SE | 28.93                 | 79           | 716,909.532300  | 2,008,601.643800 |
| 79 - 80 | 64°07'56"SE | 32.76                 | 80           | 716,939.006100  | 2,008,587.352700 |
| 80 - 81 | 64°07'56"SE | 32.41                 | 81           | 716,968.170700  | 2,008,573.211500 |
| 81 - 82 | 69°40'16"SE | 35.94                 | 82           | 717,001.867600  | 2,008,560.727500 |
| 82 - 83 | 69°00'29"SE | 24.41                 | 83           | 717,024.654200  | 2,008,551.984300 |
| 83 - 84 | 69°19'36"SE | 31.07                 | 84           | 717,053.724300  | 2,008,541.015100 |
| 84 - 85 | 69°27'16"SE | 33.28                 | 85           | 717,084.890100  | 2,008,529.334500 |
| 85 - 86 | 67°51'57"SE | 27.76                 | 86           | 717,110.608700  | 2,008,518.873500 |
| 86 - 87 | 68°33'48"SE | 35.82                 | 87           | 717,143.953000  | 2,008,505.781400 |
| 87 - 88 | 67°37'51"SE | 27.34                 | 88           | 717,169.236100  | 2,008,495.376500 |
| 88 - 89 | 68°31'32"SE | 30.04                 | 89           | 717,197.189500  | 2,008,484.379800 |
| 89 - 90 | 67°37'52"SE | 27.68                 | 90           | 717,222.786900  | 2,008,473.845700 |
| 90 - 91 | 66°32'26"SE | 25.66                 | 91           | 717,246.328700  | 2,008,463.629300 |
| 91 - 92 | 61°45'19"SE | 27.43                 | 92           | 717,270.491600  | 2,008,450.649100 |
| 92 - 93 | 64°07'08"SE | 27.12                 | 93           | 717,294.895900  | 2,008,438.809000 |
| 93 - 94 | 65°19'14"SE | 28.18                 | 94           | 717,320.498100  | 2,008,427.044500 |
| 94 - 95 | 65°49'07"SE | 22.05                 | 95           | 717,340.611800  | 2,008,418.013000 |
| 95 - 96 | 67°51'57"SE | 28.02                 | 96           | 717,366.569800  | 2,008,407.454600 |
| 96 - 97 | 63°26'52"SE | 28.33                 | 97           | 717,391.915200  | 2,008,394.789100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 97 - 98   | 65°31'31"SE | 32.32                 | 98           | 717,421.331300  | 2,008,381.399200 |
| 98 - 99   | 67°20'38"SE | 30.92                 | 99           | 717,449.864600  | 2,008,369.489200 |
| 99 - 100  | 62°39'47"SE | 30.68                 | 100          | 717,477.122700  | 2,008,355.398100 |
| 100 - 101 | 58°24'25"SE | 25.42                 | 101          | 717,498.777100  | 2,008,342.079900 |
| 101 - 102 | 72°57'07"SE | 25.35                 | 102          | 717,523.010800  | 2,008,334.648800 |
| 102 - 103 | 69°55'42"SE | 30.85                 | 103          | 717,551.985700  | 2,008,324.061800 |
| 103 - 104 | 64°54'38"SE | 37.62                 | 104          | 717,586.053800  | 2,008,308.110900 |
| 104 - 105 | 63°13'48"SE | 35.23                 | 105          | 717,617.505100  | 2,008,292.244400 |
| 105 - 106 | 63°27'20"SE | 38.06                 | 106          | 717,651.553600  | 2,008,275.235600 |
| 106 - 107 | 66°54'18"SE | 23.79                 | 107          | 717,673.440300  | 2,008,265.902500 |
| 107 - 108 | 66°02'58"SE | 29.49                 | 108          | 717,700.395200  | 2,008,253.929300 |
| 108 - 109 | 65°42'27"SE | 29.87                 | 109          | 717,727.623800  | 2,008,241.639500 |
| 109 - 110 | 68°44'08"SE | 35.82                 | 110          | 717,761.007700  | 2,008,228.647700 |
| 110 - 111 | 67°03'27"SE | 27.82                 | 111          | 717,786.625800  | 2,008,217.803800 |
| 111 - 112 | 66°36'50"SE | 35.39                 | 112          | 717,819.106900  | 2,008,203.757400 |
| 112 - 113 | 57°22'38"SE | 31.76                 | 113          | 717,845.856900  | 2,008,186.635100 |
| 113 - 114 | 64°41'45"SE | 27.01                 | 114          | 717,870.279100  | 2,008,175.088700 |
| 114 - 115 | 64°12'29"SE | 29.79                 | 115          | 717,897.097800  | 2,008,162.128700 |
| 115 - 116 | 66°14'22"SE | 27.18                 | 116          | 717,921.970200  | 2,008,151.179200 |
| 116 - 117 | 64°52'46"SE | 27.17                 | 117          | 717,946.572500  | 2,008,139.643900 |
| 117 - 118 | 62°58'56"SE | 31.59                 | 118          | 717,974.715200  | 2,008,125.293500 |
| 118 - 119 | 71°17'52"SE | 19.46                 | 119          | 717,993.151000  | 2,008,119.052600 |
| 119 - 120 | 62°59'29"SE | 34.76                 | 120          | 718,024.121400  | 2,008,103.266700 |
| 120 - 121 | 63°23'06"SE | 30.63                 | 121          | 718,051.509300  | 2,008,089.542900 |
| 121 - 122 | 67°20'25"SE | 24.66                 | 122          | 718,074.262600  | 2,008,080.043800 |
| 122 - 123 | 67°58'29"SE | 26.72                 | 123          | 718,099.031800  | 2,008,070.023800 |
| 123 - 124 | 68°38'25"SE | 29.59                 | 124          | 718,126.592500  | 2,008,059.245300 |
| 124 - 125 | 66°43'57"SE | 28.83                 | 125          | 718,153.075900  | 2,008,047.857700 |
| 125 - 126 | 62°58'21"SE | 32.97                 | 126          | 718,182.445000  | 2,008,032.875700 |
| 126 - 127 | 61°27'13"SE | 27.13                 | 127          | 718,206.278300  | 2,008,019.910400 |
| 127 - 128 | 60°45'03"SE | 29.85                 | 128          | 718,232.319500  | 2,008,005.327200 |
| 128 - 129 | 68°58'24"SE | 32.28                 | 129          | 718,262.453200  | 2,007,993.743900 |
| 129 - 130 | 65°36'28"SE | 35.37                 | 130          | 718,294.664200  | 2,007,979.137800 |
| 130 - 131 | 68°22'49"SE | 36.65                 | 131          | 718,328.737700  | 2,007,965.633600 |
| 131 - 132 | 68°12'34"SE | 34.26                 | 132          | 718,360.550500  | 2,007,952.915600 |
| 132 - 133 | 64°45'06"SE | 34.43                 | 133          | 718,391.691700  | 2,007,938.229600 |
| 133 - 134 | 60°23'57"SE | 33.50                 | 134          | 718,420.822600  | 2,007,921.680400 |
| 134 - 135 | 58°57'17"SE | 29.96                 | 135          | 718,446.494100  | 2,007,906.227900 |
| 135 - 136 | 63°43'28"SE | 25.74                 | 136          | 718,469.578700  | 2,007,894.831100 |
| 136 - 137 | 69°09'22"SE | 15.45                 | 137          | 718,484.013500  | 2,007,889.335200 |
| 137 - 138 | 30°44'58"NW | 17.56                 | 138          | 718,475.033600  | 2,007,904.429300 |
| 138 - 139 | 13°23'58"NE | 19.99                 | 139          | 718,479.666500  | 2,007,923.876600 |
| 139 - 140 | 55°44'51"NW | 18.96                 | 140          | 718,463.998300  | 2,007,934.545600 |
| 140 - 141 | 34°15'07"NE | 20.00                 | 141          | 718,475.255000  | 2,007,951.077000 |
| 141 - 142 | 55°44'51"SE | 32.74                 | 142          | 718,502.316300  | 2,007,932.650000 |
| 142 - 143 | 13°23'59"SW | 25.66                 | 143          | 718,496.368800  | 2,007,907.684500 |
| 143 - 144 | 30°44'58"SE | 25.59                 | 144          | 718,509.453400  | 2,007,885.691000 |
| 144 - 145 | 71°56'56"SE | 43.16                 | 145          | 718,550.491300  | 2,007,872.316600 |
| 145 - 146 | 68°44'56"SE | 100.08                | 146          | 718,643.767900  | 2,007,836.041700 |
| 146 - 147 | 69°51'11"SE | 61.34                 | 147          | 718,701.352800  | 2,007,814.915300 |
| 147 - 148 | 83°51'58"NE | 27.82                 | 148          | 718,729.008800  | 2,007,817.887400 |
| 148 - 149 | 87°56'14"SE | 41.18                 | 149          | 718,770.166300  | 2,007,816.405100 |
| 149 - 150 | 58°56'33"SE | 27.08                 | 150          | 718,793.361700  | 2,007,802.436300 |
| 150 - 151 | 73°18'34"SE | 18.63                 | 151          | 718,811.204300  | 2,007,797.086500 |
| 151 - 152 | 16°41'25"SW | 20.00                 | 152          | 718,805.460300  | 2,007,777.929100 |
| 152 - 153 | 31°41'14"SW | 10.02                 | 153          | 718,800.196400  | 2,007,769.401900 |
| 153 - 154 | 65°54'53"SE | 28.95                 | 154          | 718,826.626000  | 2,007,757.587600 |
| 154 - 155 | 61°49'15"SE | 27.03                 | 155          | 718,850.453700  | 2,007,744.822500 |
| 155 - 156 | 72°20'43"SE | 54.01                 | 156          | 718,901.920800  | 2,007,728.442200 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 156 - 157 | 58°47'48"SE | 41.49                 | 157          | 718,937.412800  | 2,007,706.944700 |
| 157 - 158 | 74°33'49"SE | 26.56                 | 158          | 718,963.011400  | 2,007,699.876200 |
| 158 - 159 | 58°12'54"SE | 23.47                 | 159          | 718,982.964700  | 2,007,687.511900 |
| 159 - 160 | 64°54'31"SE | 23.80                 | 160          | 719,004.522600  | 2,007,677.417400 |
| 160 - 161 | 43°24'49"SE | 19.52                 | 161          | 719,017.937400  | 2,007,663.238500 |
| 161 - 162 | 80°47'56"SE | 23.97                 | 162          | 719,041.600000  | 2,007,659.405600 |
| 162 - 163 | 57°13'45"SE | 14.38                 | 163          | 719,053.693500  | 2,007,651.620600 |
| 163 - 164 | 65°43'30"SE | 30.14                 | 164          | 719,081.171200  | 2,007,639.228400 |
| 164 - 165 | 61°49'40"SE | 13.68                 | 165          | 719,093.233900  | 2,007,632.768000 |
| 165 - 166 | 68°35'52"SE | 4.51                  | 166          | 719,097.429200  | 2,007,631.123700 |
| 166 - 167 | 67°57'33"SE | 23.59                 | 167          | 719,119.293400  | 2,007,622.271900 |
| 167 - 168 | 67°08'16"SE | 20.96                 | 168          | 719,138.603600  | 2,007,614.130000 |
| 168 - 169 | 66°13'47"SE | 19.12                 | 169          | 719,156.098400  | 2,007,606.424800 |
| 169 - 170 | 67°27'15"SE | 21.77                 | 170          | 719,176.206800  | 2,007,598.076800 |
| 170 - 171 | 61°24'10"SE | 19.78                 | 171          | 719,193.573000  | 2,007,588.609600 |
| 171 - 172 | 60°51'57"SE | 14.95                 | 172          | 719,206.631200  | 2,007,581.331300 |
| 172 - 173 | 84°45'32"NE | 3.90                  | 173          | 719,210.518800  | 2,007,581.687900 |
| 173 - 174 | 25°32'32"SE | 2.47                  | 174          | 719,211.582900  | 2,007,579.461200 |
| 174 - 175 | 71°18'38"SE | 14.57                 | 175          | 719,225.387900  | 2,007,574.791300 |
| 175 - 176 | 69°41'14"SE | 25.54                 | 176          | 719,249.341200  | 2,007,565.924700 |
| 176 - 177 | 72°07'51"SE | 29.65                 | 177          | 719,277.562100  | 2,007,556.826400 |
| 177 - 178 | 66°17'25"SE | 2.29                  | 178          | 719,279.662200  | 2,007,555.904100 |
| 178 - 179 | 76°30'51"NE | 14.13                 | 179          | 719,293.398200  | 2,007,559.198200 |
| 179 - 180 | 53°29'01"SE | 6.60                  | 180          | 719,298.702500  | 2,007,555.270900 |
| 180 - 181 | 68°02'34"SE | 37.39                 | 181          | 719,333.384300  | 2,007,541.288800 |
| 181 - 182 | 07°17'19"SW | 7.76                  | 182          | 719,332.400000  | 2,007,533.593100 |
| 182 - 183 | 68°20'42"SE | 9.89                  | 183          | 719,341.591100  | 2,007,529.943900 |
| 183 - 184 | 61°24'11"SE | 19.69                 | 184          | 719,358.875300  | 2,007,520.521500 |
| 184 - 185 | 62°17'40"SE | 18.46                 | 185          | 719,375.216000  | 2,007,511.940500 |
| 185 - 186 | 69°11'23"SE | 21.78                 | 186          | 719,395.576300  | 2,007,504.202200 |
| 186 - 187 | 66°54'19"SE | 23.75                 | 187          | 719,417.421400  | 2,007,494.886900 |
| 187 - 188 | 72°02'25"SE | 23.33                 | 188          | 719,439.613800  | 2,007,487.693400 |
| 188 - 189 | 65°47'03"SE | 20.95                 | 189          | 719,458.720400  | 2,007,479.100300 |
| 189 - 190 | 64°06'23"SE | 3.67                  | 190          | 719,462.023000  | 2,007,477.497100 |
| 190 - 191 | 70°20'47"SE | 11.52                 | 191          | 719,472.872600  | 2,007,473.622300 |
| 191 - 192 | 74°47'49"SE | 23.83                 | 192          | 719,495.866800  | 2,007,467.373700 |
| 192 - 193 | 36°24'10"SE | 11.70                 | 193          | 719,502.807900  | 2,007,457.960000 |
| 193 - 194 | 70°31'20"SE | 12.58                 | 194          | 719,514.670600  | 2,007,453.764400 |
| 194 - 195 | 63°48'46"SE | 18.80                 | 195          | 719,531.540000  | 2,007,445.468300 |
| 195 - 196 | 86°49'49"SE | 7.08                  | 196          | 719,538.606400  | 2,007,445.077000 |
| 196 - 197 | 36°41'01"SE | 7.28                  | 197          | 719,542.953100  | 2,007,439.242000 |
| 197 - 198 | 60°21'49"SE | 12.03                 | 198          | 719,553.412100  | 2,007,433.291700 |
| 198 - 199 | 69°49'26"SE | 1.40                  | 199          | 719,554.729000  | 2,007,432.807800 |
| 199 - 200 | 80°34'51"SE | 14.33                 | 200          | 719,568.869500  | 2,007,430.462000 |
| 200 - 201 | 60°24'50"SE | 18.74                 | 201          | 719,585.166900  | 2,007,421.209100 |
| 201 - 202 | 68°12'37"SE | 10.16                 | 202          | 719,594.604500  | 2,007,417.436300 |
| 202 - 203 | 70°05'37"SE | 22.14                 | 203          | 719,615.423500  | 2,007,409.897400 |
| 203 - 204 | 66°22'56"SE | 13.59                 | 204          | 719,627.875500  | 2,007,404.452700 |
| 204 - 205 | 72°33'59"SE | 10.68                 | 205          | 719,638.060400  | 2,007,401.254400 |
| 205 - 206 | 72°59'38"SE | 21.47                 | 206          | 719,658.590500  | 2,007,394.975400 |
| 206 - 207 | 60°53'45"SE | 19.55                 | 207          | 719,675.672400  | 2,007,385.466200 |
| 207 - 208 | 72°53'26"SE | 38.31                 | 208          | 719,712.286200  | 2,007,374.195900 |
| 208 - 209 | 46°59'35"SE | 16.29                 | 209          | 719,724.199200  | 2,007,363.084200 |
| 209 - 210 | 65°27'06"SE | 0.29                  | 210          | 719,724.463900  | 2,007,362.963300 |
| 210 - 211 | 73°06'48"SE | 18.36                 | 211          | 719,742.032100  | 2,007,357.630200 |
| 211 - 212 | 84°53'27"SE | 12.33                 | 212          | 719,754.309800  | 2,007,356.532500 |
| 212 - 213 | 65°01'40"SE | 40.78                 | 213          | 719,791.280200  | 2,007,339.314900 |
| 213 - 214 | 71°51'23"SE | 2.85                  | 214          | 719,793.991300  | 2,007,338.426500 |
| 214 - 215 | 68°20'09"SE | 8.91                  | 215          | 719,802.271600  | 2,007,335.137400 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 215 - 216 | 74°02'26"SE | 31.13                 | 216          | 719,832.200100  | 2,007,326.578500 |
| 216 - 217 | 70°50'33"SE | 36.51                 | 217          | 719,866.685200  | 2,007,314.598200 |
| 217 - 218 | 53°28'07"SE | 38.47                 | 218          | 719,897.599900  | 2,007,291.696400 |
| 218 - 219 | 60°09'47"SE | 17.73                 | 219          | 719,912.975500  | 2,007,282.877600 |
| 219 - 220 | 67°54'06"SE | 17.01                 | 220          | 719,928.739600  | 2,007,276.477000 |
| 220 - 221 | 70°14'19"SE | 18.10                 | 221          | 719,945.771600  | 2,007,270.358100 |
| 221 - 222 | 72°04'53"SE | 21.92                 | 222          | 719,966.627300  | 2,007,263.614500 |
| 222 - 223 | 66°25'29"SE | 24.95                 | 223          | 719,989.494700  | 2,007,253.635800 |
| 223 - 224 | 61°07'37"SE | 20.27                 | 224          | 720,007.243400  | 2,007,243.848900 |
| 224 - 225 | 63°09'04"SE | 26.30                 | 225          | 720,030.710100  | 2,007,231.969900 |
| 225 - 226 | 57°28'45"SE | 2.97                  | 226          | 720,033.212700  | 2,007,230.374300 |
| 226 - 227 | 68°46'17"SE | 10.88                 | 227          | 720,043.359000  | 2,007,226.433000 |
| 227 - 228 | 67°29'13"SE | 23.68                 | 228          | 720,065.239000  | 2,007,217.364200 |
| 228 - 229 | 63°12'45"SE | 19.25                 | 229          | 720,082.419200  | 2,007,208.690600 |
| 229 - 230 | 83°39'23"NE | 18.22                 | 230          | 720,100.526400  | 2,007,210.703600 |
| 230 - 231 | 86°38'26"SE | 26.81                 | 231          | 720,127.289000  | 2,007,209.132700 |
| 231 - 232 | 48°11'22"SE | 8.59                  | 232          | 720,133.692600  | 2,007,203.405100 |
| 232 - 233 | 32°21'26"SE | 26.51                 | 233          | 720,147.881200  | 2,007,181.010700 |
| 233 - 234 | 62°47'52"SE | 28.00                 | 234          | 720,172.785500  | 2,007,168.210500 |
| 234 - 235 | 64°53'49"SE | 33.18                 | 235          | 720,202.828100  | 2,007,154.135700 |
| 235 - 236 | 47°30'54"SE | 4.66                  | 236          | 720,206.261200  | 2,007,150.991500 |
| 236 - 237 | 65°38'59"SE | 17.25                 | 237          | 720,221.973000  | 2,007,143.880800 |
| 237 - 238 | 70°46'44"SE | 11.13                 | 238          | 720,232.481600  | 2,007,140.217000 |
| 238 - 239 | 86°08'29"SE | 6.45                  | 239          | 720,238.912000  | 2,007,139.783300 |
| 239 - 240 | 67°49'33"SE | 24.75                 | 240          | 720,261.834500  | 2,007,130.440900 |
| 240 - 241 | 60°31'23"SE | 19.40                 | 241          | 720,278.726100  | 2,007,120.893100 |
| 241 - 242 | 51°54'09"SE | 4.05                  | 242          | 720,281.911700  | 2,007,118.395500 |
| 242 - 243 | 73°57'33"SE | 12.09                 | 243          | 720,293.528200  | 2,007,115.055600 |
| 243 - 244 | 76°35'08"SE | 27.11                 | 244          | 720,319.896800  | 2,007,108.766700 |
| 244 - 245 | 72°47'08"SE | 35.05                 | 245          | 720,353.375600  | 2,007,098.394100 |
| 245 - 246 | 54°18'31"SE | 26.14                 | 246          | 720,374.608300  | 2,007,083.141700 |
| 246 - 247 | 57°25'19"SE | 20.95                 | 247          | 720,392.265100  | 2,007,071.859300 |
| 247 - 248 | 57°35'36"SE | 25.06                 | 248          | 720,413.425000  | 2,007,058.427500 |
| 248 - 249 | 63°09'30"SE | 25.31                 | 249          | 720,436.005400  | 2,007,047.000800 |
| 249 - 250 | 63°26'52"SE | 23.89                 | 250          | 720,457.371400  | 2,007,036.323900 |
| 250 - 251 | 63°26'52"SE | 28.32                 | 251          | 720,482.706800  | 2,007,023.663300 |
| 251 - 252 | 64°58'43"SE | 27.75                 | 252          | 720,507.853700  | 2,007,011.925800 |
| 252 - 253 | 67°12'25"SE | 28.31                 | 253          | 720,533.956900  | 2,007,000.956800 |
| 253 - 254 | 65°23'19"SE | 33.14                 | 254          | 720,564.082500  | 2,006,987.157000 |
| 254 - 255 | 57°16'46"SE | 20.62                 | 255          | 720,581.432400  | 2,006,976.009800 |
| 255 - 256 | 60°39'21"SE | 25.35                 | 256          | 720,603.526300  | 2,006,963.589000 |
| 256 - 257 | 68°24'56"SE | 29.54                 | 257          | 720,630.997200  | 2,006,952.721200 |
| 257 - 258 | 67°16'54"SE | 24.94                 | 258          | 720,653.999600  | 2,006,943.090500 |
| 258 - 259 | 62°13'45"SE | 32.98                 | 259          | 720,683.182900  | 2,006,927.723000 |
| 259 - 260 | 57°23'53"SE | 21.65                 | 260          | 720,701.417700  | 2,006,916.060600 |
| 260 - 261 | 84°15'35"SE | 21.71                 | 261          | 720,723.018700  | 2,006,913.889300 |
| 261 - 262 | 74°18'19"SE | 20.22                 | 262          | 720,742.484200  | 2,006,908.419800 |
| 262 - 263 | 50°51'01"SE | 25.42                 | 263          | 720,762.200900  | 2,006,892.368200 |
| 263 - 264 | 61°52'18"SE | 30.06                 | 264          | 720,788.714500  | 2,006,878.194500 |
| 264 - 265 | 60°33'36"SE | 28.67                 | 265          | 720,813.682200  | 2,006,864.103100 |
| 265 - 266 | 63°54'22"SE | 29.53                 | 266          | 720,840.204100  | 2,006,851.113700 |
| 266 - 267 | 55°33'14"SE | 17.09                 | 267          | 720,854.297300  | 2,006,841.447300 |
| 267 - 268 | 63°08'09"SE | 17.47                 | 268          | 720,869.879900  | 2,006,833.554100 |
| 268 - 269 | 62°44'42"SE | 27.64                 | 269          | 720,894.452200  | 2,006,820.895900 |
| 269 - 270 | 65°37'06"SE | 9.80                  | 270          | 720,903.374300  | 2,006,816.852100 |
| 270 - 271 | 64°23'50"SE | 24.14                 | 271          | 720,925.142800  | 2,006,806.421100 |
| 271 - 272 | 65°14'13"SE | 29.32                 | 272          | 720,951.762900  | 2,006,794.141800 |
| 272 - 273 | 67°10'51"SE | 26.31                 | 273          | 720,976.017400  | 2,006,783.936600 |
| 273 - 274 | 65°02'18"SE | 25.17                 | 274          | 720,998.833000  | 2,006,773.316100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 274 - 275 | 60°11'12"SE | 27.39                 | 275          | 721,022.602200  | 2,006,759.696100 |
| 275 - 276 | 55°21'49"SE | 9.14                  | 276          | 721,030.120700  | 2,006,754.502400 |
| 276 - 277 | 70°05'12"SE | 49.03                 | 277          | 721,076.215300  | 2,006,737.804500 |
| 277 - 278 | 60°17'24"SE | 58.02                 | 278          | 721,126.608300  | 2,006,709.049500 |
| 278 - 279 | 68°12'10"SE | 53.89                 | 279          | 721,176.646000  | 2,006,689.038800 |
| 279 - 280 | 65°15'24"SE | 50.05                 | 280          | 721,222.101400  | 2,006,668.090000 |
| 280 - 281 | 67°07'21"SE | 43.44                 | 281          | 721,262.127600  | 2,006,651.200900 |
| 281 - 282 | 61°01'17"SE | 47.80                 | 282          | 721,303.945300  | 2,006,628.041600 |
| 282 - 283 | 66°13'41"SE | 44.68                 | 283          | 721,344.830500  | 2,006,610.033100 |
| 283 - 284 | 69°28'45"SE | 53.39                 | 284          | 721,394.837100  | 2,006,591.315700 |
| 284 - 285 | 79°50'11"SE | 28.34                 | 285          | 721,422.733000  | 2,006,586.314800 |
| 285 - 286 | 44°16'35"NE | 0.43                  | 286          | 721,423.030100  | 2,006,586.619500 |
| 286 - 287 | 51°21'21"NE | 27.26                 | 287          | 721,444.321900  | 2,006,603.643300 |
| 287 - 288 | 53°01'36"NE | 32.58                 | 288          | 721,470.347500  | 2,006,623.235900 |
| 288 - 289 | 36°58'23"SE | 20.00                 | 289          | 721,482.376300  | 2,006,607.257600 |
| 289 - 290 | 57°02'43"SE | 14.77                 | 290          | 721,494.770100  | 2,006,599.222900 |
| 290 - 291 | 41°41'02"SE | 1.16                  | 291          | 721,495.542400  | 2,006,598.355600 |
| 291 - 292 | 42°28'20"NE | 17.85                 | 292          | 721,507.597500  | 2,006,611.524200 |
| 292 - 293 | 45°47'52"SE | 48.50                 | 293          | 721,542.365600  | 2,006,577.711300 |
| 293 - 294 | 32°02'27"SW | 37.87                 | 294          | 721,522.272900  | 2,006,545.607400 |
| 294 - 295 | 14°43'09"SW | 9.73                  | 295          | 721,519.801100  | 2,006,536.198400 |
| 295 - 296 | 47°47'15"SE | 36.82                 | 296          | 721,547.071600  | 2,006,511.460300 |
| 296 - 297 | 68°04'21"SE | 55.72                 | 297          | 721,598.756100  | 2,006,490.654600 |
| 297 - 298 | 66°41'10"SE | 50.44                 | 298          | 721,645.081800  | 2,006,470.690400 |
| 298 - 299 | 66°50'42"SE | 43.35                 | 299          | 721,684.943900  | 2,006,453.642700 |
| 299 - 300 | 65°27'47"SE | 76.23                 | 300          | 721,754.293300  | 2,006,421.984500 |
| 300 - 301 | 67°11'24"SE | 52.11                 | 301          | 721,802.326100  | 2,006,401.783600 |
| 301 - 302 | 70°24'03"SE | 55.59                 | 302          | 721,854.699700  | 2,006,383.135200 |
| 302 - 303 | 61°00'28"SE | 35.89                 | 303          | 721,886.095500  | 2,006,365.737900 |
| 303 - 304 | 74°01'19"SE | 46.21                 | 304          | 721,930.524200  | 2,006,353.016600 |
| 304 - 305 | 72°29'35"SE | 42.10                 | 305          | 721,970.669700  | 2,006,340.353500 |
| 305 - 306 | 79°39'59"SE | 10.72                 | 306          | 721,981.219000  | 2,006,338.430000 |
| 306 - 307 | 81°26'03"SE | 23.07                 | 307          | 722,004.035000  | 2,006,334.993400 |
| 307 - 308 | 83°42'26"NE | 11.77                 | 308          | 722,015.738000  | 2,006,336.283900 |
| 308 - 309 | 73°21'17"NE | 19.02                 | 309          | 722,033.958500  | 2,006,341.731300 |
| 309 - 310 | 78°09'26"SE | 27.96                 | 310          | 722,061.326700  | 2,006,335.992500 |
| 310 - 311 | 61°08'39"NE | 33.58                 | 311          | 722,090.733300  | 2,006,352.196100 |
| 311 - 312 | 48°29'57"SE | 54.98                 | 312          | 722,131.912300  | 2,006,315.763100 |
| 312 - 313 | 28°01'11"SW | 33.34                 | 313          | 722,116.251600  | 2,006,286.334300 |
| 313 - 314 | 35°34'34"SE | 21.23                 | 314          | 722,128.605200  | 2,006,269.063900 |
| 314 - 315 | 48°08'57"SE | 22.36                 | 315          | 722,145.258200  | 2,006,254.147800 |
| 315 - 316 | 63°01'18"SE | 56.38                 | 316          | 722,195.501000  | 2,006,228.572000 |
| 316 - 317 | 67°11'07"SE | 33.38                 | 317          | 722,226.268000  | 2,006,215.629500 |
| 317 - 318 | 65°52'29"SE | 62.00                 | 318          | 722,282.854500  | 2,006,190.287400 |
| 318 - 319 | 63°06'59"SE | 39.90                 | 319          | 722,318.442900  | 2,006,172.245300 |
| 319 - 320 | 68°39'46"SE | 71.27                 | 320          | 722,384.827000  | 2,006,146.313600 |
| 320 - 321 | 67°54'06"SE | 63.32                 | 321          | 722,443.494500  | 2,006,122.493200 |
| 321 - 322 | 69°47'46"SE | 65.47                 | 322          | 722,504.938100  | 2,006,099.881700 |
| 322 - 323 | 59°56'13"SE | 44.37                 | 323          | 722,543.338100  | 2,006,077.655200 |
| 323 - 324 | 64°01'03"SE | 56.62                 | 324          | 722,594.237200  | 2,006,052.849400 |
| 324 - 325 | 71°03'37"SE | 70.84                 | 325          | 722,661.239800  | 2,006,029.857400 |
| 325 - 326 | 75°24'24"SE | 32.11                 | 326          | 722,692.315500  | 2,006,021.766800 |
| 326 - 327 | 60°14'41"SE | 45.98                 | 327          | 722,732.232800  | 2,005,998.947400 |
| 327 - 328 | 64°13'49"SE | 43.71                 | 328          | 722,771.597800  | 2,005,979.943400 |
| 328 - 329 | 62°58'00"SE | 59.33                 | 329          | 722,824.446800  | 2,005,952.976800 |
| 329 - 330 | 65°37'20"SE | 48.43                 | 330          | 722,868.559400  | 2,005,932.987300 |
| 330 - 331 | 67°21'32"SE | 85.13                 | 331          | 722,947.128500  | 2,005,900.216400 |
| 331 - 332 | 70°13'47"SE | 53.54                 | 332          | 722,997.512300  | 2,005,882.106700 |
| 332 - 333 | 67°59'28"SE | 56.75                 | 333          | 723,050.124100  | 2,005,860.840900 |

| Est-PV                                                                                                                                                                                | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                       |             |                       |              | X               | Y                |
| 333 - 334                                                                                                                                                                             | 60°09'40"SE | 60.60                 | 334          | 723,102.687400  | 2,005,830.690300 |
| 334 - 335                                                                                                                                                                             | 70°02'15"SE | 65.26                 | 335          | 723,164.028600  | 2,005,808.409600 |
| 335 - 336                                                                                                                                                                             | 64°23'45"SE | 67.13                 | 336          | 723,224.569900  | 2,005,779.397800 |
| 336 - 337                                                                                                                                                                             | 63°54'39"SE | 74.84                 | 337          | 723,291.788800  | 2,005,746.483400 |
| 337 - 338                                                                                                                                                                             | 66°39'04"SE | 57.58                 | 338          | 723,344.655300  | 2,005,723.662100 |
| 338 - 339                                                                                                                                                                             | 67°01'04"SE | 72.90                 | 339          | 723,411.770500  | 2,005,695.198100 |
| 339 - 340                                                                                                                                                                             | 61°35'53"SE | 59.04                 | 340          | 723,463.707100  | 2,005,667.113900 |
| 340 - 341                                                                                                                                                                             | 67°38'54"SE | 59.55                 | 341          | 723,518.780400  | 2,005,644.468900 |
| 341 - 342                                                                                                                                                                             | 65°27'34"SE | 67.60                 | 342          | 723,580.278300  | 2,005,616.390400 |
| 342 - 343                                                                                                                                                                             | 61°53'42"SE | 59.16                 | 343          | 723,632.465700  | 2,005,588.519200 |
| 343 - 344                                                                                                                                                                             | 67°26'58"SE | 75.24                 | 344          | 723,701.951900  | 2,005,559.665600 |
| 344 - 345                                                                                                                                                                             | 71°09'54"SE | 44.77                 | 345          | 723,744.320000  | 2,005,545.213600 |
| 345 - 346                                                                                                                                                                             | 59°36'17"SE | 61.59                 | 346          | 723,797.444200  | 2,005,514.052000 |
| 346 - 347                                                                                                                                                                             | 66°33'51"SE | 56.44                 | 347          | 723,849.227300  | 2,005,491.605200 |
| 347 - 348                                                                                                                                                                             | 70°00'10"SE | 30.75                 | 348          | 723,878.126200  | 2,005,481.088600 |
| 348 - 349                                                                                                                                                                             | 64°06'26"SE | 93.52                 | 349          | 723,962.253900  | 2,005,440.251900 |
| 349 - 350                                                                                                                                                                             | 64°13'24"SE | 76.93                 | 350          | 724,031.532600  | 2,005,406.796400 |
| 350 - 351                                                                                                                                                                             | 65°06'25"SE | 67.37                 | 351          | 724,092.639300  | 2,005,378.440900 |
| 351 - 352                                                                                                                                                                             | 64°16'19"SE | 66.70                 | 352          | 724,152.723900  | 2,005,349.488000 |
| 352 - 353                                                                                                                                                                             | 73°39'19"SE | 26.53                 | 353          | 724,178.186000  | 2,005,342.020800 |
| 353 - 354                                                                                                                                                                             | 65°01'20"SE | 37.17                 | 354          | 724,211.880200  | 2,005,326.325000 |
| 354 - 355                                                                                                                                                                             | 72°14'06"SE | 47.46                 | 355          | 724,257.078000  | 2,005,311.844200 |
| 355 - 356                                                                                                                                                                             | 44°48'33"SE | 24.75                 | 356          | 724,274.521100  | 2,005,294.284600 |
| 356 - 357                                                                                                                                                                             | 87°08'56"SE | 23.96                 | 357          | 724,298.452800  | 2,005,293.092800 |
| 357 - 358                                                                                                                                                                             | 75°36'08"NE | 13.67                 | 358          | 724,311.688700  | 2,005,296.490600 |
| 358 - 359                                                                                                                                                                             | 33°05'36"NE | 30.96                 | 359          | 724,328.591800  | 2,005,322.426300 |
| 359 - 360                                                                                                                                                                             | 84°06'58"SE | 65.52                 | 360          | 724,393.764900  | 2,005,315.710100 |
| 360 - 361                                                                                                                                                                             | 00°13'20"SE | 33.43                 | 361          | 724,393.894700  | 2,005,282.282500 |
| 361 - 362                                                                                                                                                                             | 56°01'40"SE | 29.98                 | 362          | 724,418.755400  | 2,005,265.531400 |
| 362 - 363                                                                                                                                                                             | 53°40'17"SE | 68.58                 | 363          | 724,474.006100  | 2,005,224.903400 |
| 363 - 364                                                                                                                                                                             | 42°57'00"SE | 35.25                 | 364          | 724,498.022200  | 2,005,199.104200 |
| 364 - 365                                                                                                                                                                             | 57°08'32"SE | 74.72                 | 365          | 724,560.790300  | 2,005,158.563700 |
| 365 - 366                                                                                                                                                                             | 58°52'36"SE | 51.24                 | 366          | 724,604.656600  | 2,005,132.077600 |
| 366 - 367                                                                                                                                                                             | 72°01'19"SE | 40.63                 | 367          | 724,643.305400  | 2,005,119.536400 |
| 367 - 368                                                                                                                                                                             | 58°05'43"SE | 76.96                 | 368          | 724,708.642200  | 2,005,078.860400 |
| 368 - 369                                                                                                                                                                             | 63°00'40"SE | 83.45                 | 369          | 724,783.003400  | 2,005,040.989800 |
| 369 - 370                                                                                                                                                                             | 62°03'58"SE | 63.28                 | 370          | 724,838.907400  | 2,005,011.348100 |
| 370 - 371                                                                                                                                                                             | 65°18'28"SE | 91.97                 | 371          | 724,922.465400  | 2,004,972.929800 |
| 371 - 372                                                                                                                                                                             | 63°22'25"SE | 93.30                 | 372          | 725,005.871700  | 2,004,931.115300 |
| 372 - 373                                                                                                                                                                             | 74°34'27"SE | 43.60                 | 373          | 725,047.899300  | 2,004,919.518600 |
| 373 - 374                                                                                                                                                                             | 63°32'27"SE | 122.06                | 374          | 725,157.170900  | 2,004,865.135100 |
| 374 - 375                                                                                                                                                                             | 64°25'05"SE | 5.52                  | 375          | 725,162.149300  | 2,004,862.751800 |
| 375 - 376                                                                                                                                                                             | 89°27'34"SE | 16.83                 | 376          | 725,178.977400  | 2,004,862.593100 |
| 376 - 377                                                                                                                                                                             | 87°23'55"NE | 29.33                 | 377          | 725,208.276600  | 2,004,863.924200 |
| 377 - 378                                                                                                                                                                             | 50°18'21"SE | 13.73                 | 378          | 725,218.844500  | 2,004,855.152400 |
| 378 - 379                                                                                                                                                                             | 65°34'03"NE | 11.97                 | 379          | 725,229.738100  | 2,004,860.101400 |
| 379 - 380                                                                                                                                                                             | 44°51'49"NE | 12.36                 | 380          | 725,238.459800  | 2,004,868.864700 |
| 380 - 381                                                                                                                                                                             | 44°51'48"NE | 38.48                 | 381          | 725,265.601700  | 2,004,896.136300 |
| 381 - 382                                                                                                                                                                             | 62°44'12"SE | 13.86                 | 382          | 725,277.925000  | 2,004,889.785800 |
| 382 - 383                                                                                                                                                                             | 44°59'31"SW | 64.66                 | 383          | 725,232.210100  | 2,004,844.058400 |
| 383 - 384                                                                                                                                                                             | 51°15'56"SW | 20.41                 | 384          | 725,216.285300  | 2,004,831.284600 |
| 384 - 385                                                                                                                                                                             | 41°09'55"SW | 47.82                 | 385          | 725,184.807800  | 2,004,795.284300 |
| A partir de este vértice 385 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 11,389.64 metros hasta llegar al vértice 386. |             |                       |              |                 |                  |
|                                                                                                                                                                                       |             |                       | 386          | 714,752.077000  | 2,009,364.979800 |
| 386 - 387                                                                                                                                                                             | 09°43'39"NE | 18.79                 | 387          | 714,755.252000  | 2,009,383.500700 |
| 387 - 388                                                                                                                                                                             | 31°45'34"NE | 13.07                 | 388          | 714,762.131200  | 2,009,394.613200 |
| 388 - 389                                                                                                                                                                             | 51°29'31"NE | 22.51                 | 389          | 714,779.744800  | 2,009,408.627700 |
| 389 - 390                                                                                                                                                                             | 58°28'49"NE | 22.79                 | 390          | 714,799.173000  | 2,009,420.542400 |
| 390 - 1                                                                                                                                                                               | 30°39'58"NE | 23.82                 | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“El Farito”**  
**(Superficie 7-15-13.21 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 1 - 2   | 88°19'08"NE | 5.24                  | 1            | 730,666.428800  | 2,002,500.737900 |
| 2 - 3   | 82°17'36"SE | 12.99                 | 2            | 730,671.666300  | 2,002,500.891600 |
| 3 - 4   | 37°42'35"NE | 14.65                 | 3            | 730,684.542400  | 2,002,499.149200 |
| 4 - 5   | 88°36'12"SE | 31.48                 | 4            | 730,693.501200  | 2,002,510.736400 |
| 5 - 6   | 87°08'20"SE | 25.04                 | 5            | 730,724.969700  | 2,002,509.969300 |
| 6 - 7   | 77°27'58"SE | 20.00                 | 6            | 730,749.978900  | 2,002,508.719500 |
| 7 - 8   | 48°28'21"SE | 54.29                 | 7            | 730,769.502200  | 2,002,504.379200 |
| 8 - 9   | 50°10'43"SE | 20.00                 | 8            | 730,810.147300  | 2,002,468.384900 |
| 9 - 10  | 21°13'06"SE | 20.42                 | 9            | 730,825.508200  | 2,002,455.577000 |
| 10 - 11 | 17°01'39"SE | 16.07                 | 10           | 730,832.897400  | 2,002,436.544700 |
| 11 - 12 | 53°45'43"SE | 10.89                 | 11           | 730,837.603800  | 2,002,421.177200 |
| 12 - 13 | 59°32'30"SE | 11.38                 | 12           | 730,846.388800  | 2,002,414.738600 |
| 13 - 14 | 59°32'30"SE | 11.38                 | 13           | 730,856.198500  | 2,002,408.969900 |
| 14 - 15 | 60°50'32"SE | 10.98                 | 14           | 730,865.787800  | 2,002,403.619900 |
| 15 - 16 | 87°36'58"SE | 6.08                  | 15           | 730,871.860800  | 2,002,403.367100 |
| 16 - 17 | 66°45'11"NE | 5.55                  | 16           | 730,876.956600  | 2,002,405.556100 |
| 17 - 18 | 81°20'43"SE | 5.47                  | 17           | 730,882.362200  | 2,002,404.733300 |
| 18 - 19 | 46°41'11"SE | 9.09                  | 18           | 730,888.977300  | 2,002,398.496600 |
| 19 - 20 | 60°50'02"SE | 18.62                 | 19           | 730,905.232200  | 2,002,389.424700 |
| 20 - 21 | 86°54'08"NE | 11.54                 | 20           | 730,916.755200  | 2,002,390.048300 |
| 21 - 22 | 59°29'43"SE | 5.76                  | 21           | 730,921.719100  | 2,002,387.123800 |
| 22 - 23 | 56°52'28"SE | 20.73                 | 22           | 730,939.083800  | 2,002,375.792900 |
| 23 - 24 | 58°13'20"SE | 5.55                  | 23           | 730,943.801100  | 2,002,372.870600 |
| 24 - 25 | 52°01'52"SE | 11.38                 | 24           | 730,952.769500  | 2,002,365.871600 |
| 25 - 26 | 60°37'37"SE | 11.80                 | 25           | 730,963.053600  | 2,002,360.083200 |
| 26 - 27 | 83°50'34"SE | 10.74                 | 26           | 730,973.729700  | 2,002,358.931500 |
| 27 - 28 | 74°18'32"NE | 10.90                 | 27           | 730,984.221100  | 2,002,361.878700 |
| 28 - 29 | 49°57'22"NE | 5.48                  | 28           | 730,988.416000  | 2,002,365.404100 |
| 29 - 30 | 59°11'41"NE | 5.11                  | 29           | 730,992.804000  | 2,002,368.020400 |
| 30 - 31 | 76°38'40"SE | 6.22                  | 30           | 730,998.852100  | 2,002,366.584500 |
| 31 - 32 | 45°50'55"SE | 5.03                  | 31           | 731,002.462000  | 2,002,363.080000 |
| 32 - 33 | 05°28'27"SE | 4.60                  | 32           | 731,002.901200  | 2,002,358.497200 |
| 33 - 34 | 01°55'34"SE | 5.87                  | 33           | 731,003.098500  | 2,002,352.631100 |
| 34 - 35 | 29°25'16"SE | 9.88                  | 34           | 731,007.952700  | 2,002,344.023700 |
| 35 - 36 | 25°04'17"SE | 9.83                  | 35           | 731,012.116300  | 2,002,335.123900 |
| 36 - 37 | 28°56'14"SE | 10.80                 | 36           | 731,017.343500  | 2,002,325.669400 |
| 37 - 38 | 76°47'04"SE | 15.91                 | 37           | 731,032.830400  | 2,002,322.032600 |
| 38 - 39 | 81°41'58"NE | 4.76                  | 38           | 731,037.540800  | 2,002,322.719800 |
| 39 - 40 | 49°05'03"NE | 5.46                  | 39           | 731,041.667800  | 2,002,326.296700 |
| 40 - 41 | 57°30'41"NE | 6.57                  | 40           | 731,047.213000  | 2,002,329.827800 |
| 41 - 42 | 72°38'45"SE | 9.06                  | 41           | 731,055.864200  | 2,002,327.124300 |
| 42 - 43 | 33°09'32"SE | 4.57                  | 42           | 731,058.363700  | 2,002,323.298700 |
| 43 - 44 | 22°41'06"SE | 5.84                  | 43           | 731,060.617500  | 2,002,317.906900 |
| 44 - 45 | 52°03'43"SE | 29.59                 | 44           | 731,083.957400  | 2,002,299.712500 |
| 45 - 46 | 61°32'29"SE | 9.39                  | 45           | 731,092.211700  | 2,002,295.238500 |
| 46 - 47 | 25°30'37"SE | 4.01                  | 46           | 731,093.938400  | 2,002,291.620100 |
| 47 - 48 | 22°01'05"SE | 5.30                  | 47           | 731,095.927100  | 2,002,286.702400 |
| 48 - 49 | 64°38'13"SE | 30.53                 | 48           | 731,123.516900  | 2,002,273.623700 |
| 49 - 50 | 87°16'42"NE | 5.89                  | 49           | 731,129.398800  | 2,002,273.903300 |
| 50 - 51 | 82°26'18"SE | 4.70                  | 50           | 731,134.057300  | 2,002,273.284900 |
| 51 - 52 | 59°28'19"SE | 15.69                 | 51           | 731,147.574600  | 2,002,265.313700 |
| 52 - 53 | 28°46'43"SE | 5.50                  | 52           | 731,150.223400  | 2,002,260.491300 |
| 53 - 54 | 58°55'03"SE | 20.77                 | 53           | 731,168.012900  | 2,002,249.767400 |
| 54 - 55 | 62°30'55"NE | 11.25                 | 54           | 731,177.992600  | 2,002,254.959100 |
| 55 - 56 | 50°32'59"NE | 10.82                 | 55           | 731,186.343900  | 2,002,261.831200 |
| 56 - 57 | 70°04'44"NE | 11.07                 | 56           | 731,196.751500  | 2,002,265.603000 |
| 57 - 58 | 73°36'38"SE | 5.23                  | 57           | 731,201.769000  | 2,002,264.127300 |
| 58 - 59 | 48°12'18"SE | 5.53                  | 58           | 731,205.895200  | 2,002,260.438700 |

| Est-PV                                                                                                                                                                               | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                      |             |                       |              | X               | Y                |
| 58 - 59                                                                                                                                                                              | 40°28'54"SE | 11.93                 | 59           | 731,213.639800  | 2,002,251.365100 |
| 59 - 60                                                                                                                                                                              | 52°58'37"SE | 10.44                 | 60           | 731,221.974300  | 2,002,245.079400 |
| 60 - 61                                                                                                                                                                              | 82°46'19"NE | 21.62                 | 61           | 731,243.420200  | 2,002,247.799300 |
| 61 - 62                                                                                                                                                                              | 81°04'06"NE | 19.83                 | 62           | 731,263.012500  | 2,002,250.878400 |
| 62 - 63                                                                                                                                                                              | 56°56'55"SE | 10.62                 | 63           | 731,271.917200  | 2,002,245.084300 |
| 63 - 64                                                                                                                                                                              | 08°24'23"SE | 18.76                 | 64           | 731,274.659600  | 2,002,226.527300 |
| 64 - 65                                                                                                                                                                              | 40°19'02"SE | 28.56                 | 65           | 731,293.135400  | 2,002,204.754800 |
| 65 - 66                                                                                                                                                                              | 34°47'11"SE | 26.97                 | 66           | 731,308.521000  | 2,002,182.606600 |
| 66 - 67                                                                                                                                                                              | 69°05'27"SE | 39.56                 | 67           | 731,345.473300  | 2,002,168.489200 |
| 67 - 68                                                                                                                                                                              | 36°38'53"SE | 8.37                  | 68           | 731,350.471300  | 2,002,161.771200 |
| 68 - 69                                                                                                                                                                              | 59°14'51"SE | 14.06                 | 69           | 731,362.557500  | 2,002,154.580000 |
| 69 - 70                                                                                                                                                                              | 86°35'42"NE | 10.71                 | 70           | 731,373.250700  | 2,002,155.216200 |
| 70 - 71                                                                                                                                                                              | 60°14'15"SE | 21.75                 | 71           | 731,392.133200  | 2,002,144.418500 |
| 71 - 72                                                                                                                                                                              | 20°10'54"SE | 11.11                 | 72           | 731,395.965000  | 2,002,133.993700 |
| 72 - 73                                                                                                                                                                              | 68°58'01"SE | 9.92                  | 73           | 731,405.221600  | 2,002,130.434300 |
| 73 - 74                                                                                                                                                                              | 63°56'55"SE | 9.04                  | 74           | 731,413.343700  | 2,002,126.463900 |
| 74 - 75                                                                                                                                                                              | 65°39'31"NE | 4.80                  | 75           | 731,417.715000  | 2,002,128.441400 |
| 75 - 76                                                                                                                                                                              | 44°45'03"NE | 10.88                 | 76           | 731,425.374200  | 2,002,136.167500 |
| 76 - 77                                                                                                                                                                              | 86°53'19"SE | 6.09                  | 77           | 731,431.454400  | 2,002,135.837000 |
| 77 - 78                                                                                                                                                                              | 55°28'25"SE | 5.94                  | 78           | 731,436.347000  | 2,002,132.471100 |
| 78 - 79                                                                                                                                                                              | 45°19'21"SE | 11.55                 | 79           | 731,444.562500  | 2,002,124.347600 |
| 79 - 80                                                                                                                                                                              | 67°03'15"SE | 11.61                 | 80           | 731,455.257800  | 2,002,119.819700 |
| 80 - 81                                                                                                                                                                              | 52°02'16"SE | 11.89                 | 81           | 731,464.633700  | 2,002,112.504400 |
| 81 - 82                                                                                                                                                                              | 15°39'44"SE | 12.09                 | 82           | 731,467.898800  | 2,002,100.859000 |
| 82 - 83                                                                                                                                                                              | 67°03'01"SE | 12.66                 | 83           | 731,479.553600  | 2,002,095.923900 |
| 83 - 84                                                                                                                                                                              | 73°59'35"NE | 9.97                  | 84           | 731,489.136200  | 2,002,098.672900 |
| 84 - 85                                                                                                                                                                              | 76°46'37"NE | 5.62                  | 85           | 731,494.609300  | 2,002,099.958900 |
| 85 - 86                                                                                                                                                                              | 56°33'29"SE | 12.23                 | 86           | 731,504.817300  | 2,002,093.217300 |
| 86 - 87                                                                                                                                                                              | 67°34'27"SE | 29.84                 | 87           | 731,532.398300  | 2,002,081.834700 |
| 87 - 88                                                                                                                                                                              | 41°26'08"SE | 5.72                  | 88           | 731,536.182200  | 2,002,077.548100 |
| 88 - 89                                                                                                                                                                              | 05°43'21"SW | 11.14                 | 89           | 731,535.071500  | 2,002,066.464900 |
| 89 - 90                                                                                                                                                                              | 58°48'09"SE | 17.53                 | 90           | 731,550.065200  | 2,002,057.385300 |
| 90 - 91                                                                                                                                                                              | 69°53'20"SE | 35.34                 | 91           | 731,583.252300  | 2,002,045.233400 |
| 91 - 92                                                                                                                                                                              | 58°14'18"SE | 24.19                 | 92           | 731,603.815700  | 2,002,032.502600 |
| 92 - 93                                                                                                                                                                              | 63°58'51"SE | 40.61                 | 93           | 731,640.311900  | 2,002,014.687300 |
| 93 - 94                                                                                                                                                                              | 68°59'41"SE | 12.17                 | 94           | 731,651.673600  | 2,002,010.324800 |
| 94 - 95                                                                                                                                                                              | 59°38'24"SE | 16.38                 | 95           | 731,665.805500  | 2,002,002.047000 |
| 95 - 96                                                                                                                                                                              | 61°18'13"SE | 41.17                 | 96           | 731,701.922900  | 2,001,982.276400 |
| 96 - 97                                                                                                                                                                              | 68°18'28"SE | 21.21                 | 97           | 731,721.629200  | 2,001,974.437500 |
| 97 - 98                                                                                                                                                                              | 60°51'26"SE | 17.53                 | 98           | 731,736.939500  | 2,001,965.901000 |
| 98 - 99                                                                                                                                                                              | 63°43'01"SE | 17.68                 | 99           | 731,752.787700  | 2,001,958.074200 |
| 99 - 100                                                                                                                                                                             | 69°22'48"SE | 58.06                 | 100          | 731,807.132800  | 2,001,937.625800 |
| 100 - 101                                                                                                                                                                            | 69°29'34"SE | 54.58                 | 101          | 731,858.252300  | 2,001,918.505900 |
| 101 - 102                                                                                                                                                                            | 65°02'43"SE | 49.53                 | 102          | 731,903.161600  | 2,001,897.607600 |
| 102 - 103                                                                                                                                                                            | 62°50'01"SE | 15.35                 | 103          | 731,916.816300  | 2,001,890.600200 |
| 103 - 104                                                                                                                                                                            | 65°42'44"SE | 14.78                 | 104          | 731,930.291100  | 2,001,884.519600 |
| 104 - 105                                                                                                                                                                            | 26°14'21"SE | 5.26                  | 105          | 731,932.617000  | 2,001,879.800900 |
| 105 - 106                                                                                                                                                                            | 21°46'26"SW | 5.82                  | 106          | 731,930.456800  | 2,001,874.392900 |
| 106 - 107                                                                                                                                                                            | 20°17'32"SW | 5.78                  | 107          | 731,928.452800  | 2,001,868.973200 |
| 107 - 108                                                                                                                                                                            | 03°23'08"SW | 5.07                  | 108          | 731,928.153300  | 2,001,863.910700 |
| 108 - 109                                                                                                                                                                            | 09°39'13"SW | 6.26                  | 109          | 731,927.103400  | 2,001,857.738600 |
| 109 - 110                                                                                                                                                                            | 21°26'18"SE | 3.53                  | 110          | 731,928.395400  | 2,001,854.448300 |
| 110 - 111                                                                                                                                                                            | 64°18'09"SE | 45.52                 | 111          | 731,969.417300  | 2,001,834.708200 |
| 111 - 112                                                                                                                                                                            | 66°18'33"SE | 22.69                 | 112          | 731,990.190800  | 2,001,825.593300 |
| 112 - 113                                                                                                                                                                            | 23°41'26"SW | 20.00                 | 113          | 731,982.154800  | 2,001,807.278700 |
| 113 - 114                                                                                                                                                                            | 24°24'33"SW | 5.89                  | 114          | 731,979.718800  | 2,001,801.910900 |
| A partir de este vértice 114 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1,440.61 metros hasta llegar al vértice 115. |             |                       |              |                 |                  |
|                                                                                                                                                                                      |             |                       | 115          | 730,687.435000  | 2,002,438.583400 |
| 115 - 116                                                                                                                                                                            | 16°06'12"NW | 13.89                 | 116          | 730,683.581700  | 2,002,451.930400 |
| 116 - 117                                                                                                                                                                            | 20°10'16"NW | 26.67                 | 117          | 730,674.386100  | 2,002,476.962000 |
| 117 - 1                                                                                                                                                                              | 18°30'15"NW | 25.07                 | 1            |                 |                  |

**Zona Núcleo**  
**“Mexiquillo”**  
**(Superficie 30-86-29.53 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 725,277.925000  | 2,004,889.785800 |
| 1 - 2   | 62°44'13"SE | 45.69                 | 2            | 725,318.538700  | 2,004,868.856700 |
| 2 - 3   | 45°22'12"SW | 37.55                 | 3            | 725,291.817100  | 2,004,842.478200 |
| 3 - 4   | 20°02'53"SW | 10.55                 | 4            | 725,288.200800  | 2,004,832.568500 |
| 4 - 5   | 17°34'01"SE | 22.11                 | 5            | 725,294.873400  | 2,004,811.491900 |
| 5 - 6   | 43°29'55"SE | 22.47                 | 6            | 725,310.341200  | 2,004,795.191600 |
| 6 - 7   | 60°37'12"SE | 36.46                 | 7            | 725,342.108700  | 2,004,777.306300 |
| 7 - 8   | 58°11'57"SE | 33.91                 | 8            | 725,370.926500  | 2,004,759.438100 |
| 8 - 9   | 67°48'52"SE | 45.64                 | 9            | 725,413.191600  | 2,004,742.202600 |
| 9 - 10  | 65°58'30"SE | 39.87                 | 10           | 725,449.606800  | 2,004,725.970500 |
| 10 - 11 | 80°02'00"SE | 15.99                 | 11           | 725,465.353100  | 2,004,723.203500 |
| 11 - 12 | 74°45'11"SE | 26.46                 | 12           | 725,490.878300  | 2,004,716.246000 |
| 12 - 13 | 76°13'33"SE | 27.46                 | 13           | 725,517.549500  | 2,004,709.707700 |
| 13 - 14 | 74°35'08"SE | 7.50                  | 14           | 725,524.784500  | 2,004,707.712900 |
| 14 - 15 | 84°28'00"NE | 36.37                 | 15           | 725,560.985700  | 2,004,711.219900 |
| 15 - 16 | 74°29'24"SE | 91.33                 | 16           | 725,648.991800  | 2,004,686.797200 |
| 16 - 17 | 62°31'29"SE | 58.02                 | 17           | 725,700.463600  | 2,004,660.031200 |
| 17 - 18 | 65°09'37"SE | 26.36                 | 18           | 725,724.386000  | 2,004,648.957500 |
| 18 - 19 | 65°57'50"NE | 0.56                  | 19           | 725,724.898800  | 2,004,649.186200 |
| 19 - 20 | 54°28'38"NE | 20.13                 | 20           | 725,741.280900  | 2,004,660.881200 |
| 20 - 21 | 76°16'16"SE | 29.61                 | 21           | 725,770.047300  | 2,004,653.853400 |
| 21 - 22 | 33°45'08"NE | 19.27                 | 22           | 725,780.755700  | 2,004,669.878200 |
| 22 - 23 | 71°25'05"SE | 48.42                 | 23           | 725,826.655900  | 2,004,654.447400 |
| 23 - 24 | 71°25'06"SE | 29.58                 | 24           | 725,854.695700  | 2,004,645.021000 |
| 24 - 25 | 14°31'26"SW | 24.52                 | 25           | 725,848.547200  | 2,004,621.287500 |
| 25 - 26 | 14°31'27"SW | 34.22                 | 26           | 725,839.965500  | 2,004,588.162200 |
| 26 - 27 | 02°12'46"SE | 29.14                 | 27           | 725,841.090700  | 2,004,559.043700 |
| 27 - 28 | 34°47'58"SE | 7.99                  | 28           | 725,845.649900  | 2,004,552.483800 |
| 28 - 29 | 59°48'50"SE | 12.54                 | 29           | 725,856.492400  | 2,004,546.176900 |
| 29 - 30 | 70°51'22"SE | 52.53                 | 30           | 725,906.120200  | 2,004,528.949300 |
| 30 - 31 | 77°13'19"SE | 76.06                 | 31           | 725,980.294700  | 2,004,512.127300 |
| 31 - 32 | 54°15'57"NE | 48.80                 | 32           | 726,019.904100  | 2,004,540.625100 |
| 32 - 33 | 33°58'02"SE | 50.44                 | 33           | 726,048.086300  | 2,004,498.791900 |
| 33 - 34 | 30°41'30"SW | 26.71                 | 34           | 726,034.453200  | 2,004,475.823600 |
| 34 - 35 | 25°32'17"SE | 6.87                  | 35           | 726,037.414100  | 2,004,469.626600 |
| 35 - 36 | 59°16'18"SE | 20.25                 | 36           | 726,054.820100  | 2,004,459.280100 |
| 36 - 37 | 60°01'06"SE | 61.83                 | 37           | 726,108.375800  | 2,004,428.382600 |
| 37 - 38 | 64°59'40"SE | 48.99                 | 38           | 726,152.775200  | 2,004,407.673700 |
| 38 - 39 | 68°35'22"SE | 6.28                  | 39           | 726,158.625700  | 2,004,405.379700 |
| 39 - 40 | 86°49'21"SE | 6.23                  | 40           | 726,164.849700  | 2,004,405.034200 |
| 40 - 41 | 65°07'54"SE | 22.03                 | 41           | 726,184.841000  | 2,004,395.768000 |
| 41 - 42 | 70°21'23"SE | 18.07                 | 42           | 726,201.856300  | 2,004,389.694600 |
| 42 - 43 | 47°32'55"SE | 4.94                  | 43           | 726,205.502600  | 2,004,386.359100 |
| 43 - 44 | 65°47'58"SE | 47.35                 | 44           | 726,248.693200  | 2,004,366.948200 |
| 44 - 45 | 67°13'07"SE | 70.33                 | 45           | 726,313.535500  | 2,004,339.715900 |
| 45 - 46 | 71°38'11"SE | 61.58                 | 46           | 726,371.978400  | 2,004,320.316000 |
| 46 - 47 | 63°12'27"SE | 61.55                 | 47           | 726,426.922400  | 2,004,292.571000 |
| 47 - 48 | 66°24'50"SE | 72.25                 | 48           | 726,493.134700  | 2,004,263.662900 |
| 48 - 49 | 69°31'05"SE | 57.03                 | 49           | 726,546.559700  | 2,004,243.707400 |
| 49 - 50 | 64°18'13"SE | 32.87                 | 50           | 726,576.180200  | 2,004,229.454400 |
| 50 - 51 | 65°41'41"SE | 110.97                | 51           | 726,677.315900  | 2,004,183.778700 |
| 51 - 52 | 68°16'31"SE | 39.89                 | 52           | 726,714.374000  | 2,004,169.013100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 52 - 53   | 70°10'41"SE | 52.57                 | 53           | 726,763.826800  | 2,004,151.187700 |
| 53 - 54   | 67°11'50"SE | 82.23                 | 54           | 726,839.634200  | 2,004,119.317300 |
| 54 - 55   | 68°21'59"SE | 47.48                 | 55           | 726,883.773900  | 2,004,101.811400 |
| 55 - 56   | 68°35'08"SE | 67.50                 | 56           | 726,946.617500  | 2,004,077.165200 |
| 56 - 57   | 67°09'15"SE | 62.06                 | 57           | 727,003.811800  | 2,004,053.069200 |
| 57 - 58   | 87°38'23"SE | 15.55                 | 58           | 727,019.352300  | 2,004,052.428700 |
| 58 - 59   | 64°20'39"SE | 22.08                 | 59           | 727,039.258000  | 2,004,042.867700 |
| 59 - 60   | 52°03'41"SE | 13.69                 | 60           | 727,050.058500  | 2,004,034.448100 |
| 60 - 61   | 76°49'50"SE | 0.72                  | 61           | 727,050.762400  | 2,004,034.283400 |
| 61 - 62   | 64°29'54"NE | 12.57                 | 62           | 727,062.110400  | 2,004,039.696500 |
| 62 - 63   | 75°12'40"SE | 27.19                 | 63           | 727,088.403800  | 2,004,032.755000 |
| 63 - 64   | 41°23'40"SE | 13.18                 | 64           | 727,097.118800  | 2,004,022.867900 |
| 64 - 65   | 79°47'29"SE | 23.14                 | 65           | 727,119.892000  | 2,004,018.766900 |
| 65 - 66   | 69°45'35"SE | 29.37                 | 66           | 727,147.450500  | 2,004,008.605400 |
| 66 - 67   | 69°37'16"SE | 30.04                 | 67           | 727,175.607400  | 2,003,998.145900 |
| 67 - 68   | 71°15'36"SE | 24.66                 | 68           | 727,198.960300  | 2,003,990.223300 |
| 68 - 69   | 40°59'11"NE | 48.33                 | 69           | 727,230.660100  | 2,004,026.707100 |
| 69 - 70   | 72°07'38"SE | 224.93                | 70           | 727,444.732300  | 2,003,957.676100 |
| 70 - 71   | 11°42'02"SW | 37.97                 | 71           | 727,437.031600  | 2,003,920.492700 |
| 71 - 72   | 16°52'36"SE | 16.88                 | 72           | 727,441.930700  | 2,003,904.344400 |
| 72 - 73   | 34°29'24"SE | 24.24                 | 73           | 727,455.658800  | 2,003,884.362600 |
| 73 - 74   | 55°34'46"SE | 16.75                 | 74           | 727,469.479600  | 2,003,874.892100 |
| 74 - 75   | 59°20'20"SE | 51.19                 | 75           | 727,513.512000  | 2,003,848.788100 |
| 75 - 76   | 76°11'02"SE | 43.71                 | 76           | 727,555.961500  | 2,003,838.349000 |
| 76 - 77   | 68°33'28"SE | 94.37                 | 77           | 727,643.799700  | 2,003,803.851000 |
| 77 - 78   | 68°48'16"SE | 88.33                 | 78           | 727,726.155500  | 2,003,771.914800 |
| 78 - 79   | 67°09'31"SE | 92.97                 | 79           | 727,811.831100  | 2,003,735.827500 |
| 79 - 80   | 69°20'02"SE | 87.92                 | 80           | 727,894.089300  | 2,003,704.800500 |
| 80 - 81   | 63°50'50"SE | 38.54                 | 81           | 727,928.681600  | 2,003,687.814500 |
| 81 - 82   | 69°34'00"SE | 57.09                 | 82           | 727,982.182400  | 2,003,667.882300 |
| 82 - 83   | 67°25'16"SE | 54.16                 | 83           | 728,032.186700  | 2,003,647.089200 |
| 83 - 84   | 66°24'18"SE | 70.12                 | 84           | 728,096.444500  | 2,003,619.022400 |
| 84 - 85   | 71°03'40"SE | 53.83                 | 85           | 728,147.358400  | 2,003,601.552300 |
| 85 - 86   | 63°25'46"SE | 53.01                 | 86           | 728,194.770800  | 2,003,577.840500 |
| 86 - 87   | 74°06'36"SE | 37.16                 | 87           | 728,230.514800  | 2,003,567.665300 |
| 87 - 88   | 69°18'03"SE | 68.11                 | 88           | 728,294.230500  | 2,003,543.590500 |
| 88 - 89   | 64°22'09"SE | 53.23                 | 89           | 728,342.222400  | 2,003,520.564900 |
| 89 - 90   | 69°23'09"SE | 50.33                 | 90           | 728,389.328400  | 2,003,502.845800 |
| 90 - 91   | 65°21'20"SE | 51.01                 | 91           | 728,435.695300  | 2,003,481.574000 |
| 91 - 92   | 69°22'18"SE | 38.32                 | 92           | 728,471.556100  | 2,003,468.074600 |
| 92 - 93   | 67°20'59"SE | 37.73                 | 93           | 728,506.379100  | 2,003,453.543500 |
| 93 - 94   | 71°03'53"SE | 44.86                 | 94           | 728,548.815200  | 2,003,438.985300 |
| 94 - 95   | 62°57'45"SE | 62.14                 | 95           | 728,604.168400  | 2,003,410.736000 |
| 95 - 96   | 65°31'29"SE | 58.57                 | 96           | 728,657.475800  | 2,003,386.470400 |
| 96 - 97   | 74°28'40"SE | 47.48                 | 97           | 728,703.227300  | 2,003,373.763300 |
| 97 - 98   | 65°02'49"SE | 43.45                 | 98           | 728,742.623900  | 2,003,355.431800 |
| 98 - 99   | 69°42'49"SE | 80.22                 | 99           | 728,817.872500  | 2,003,327.617000 |
| 99 - 100  | 63°05'11"SE | 52.04                 | 100          | 728,864.279400  | 2,003,304.059600 |
| 100 - 101 | 70°29'58"SE | 56.40                 | 101          | 728,917.439700  | 2,003,285.234200 |
| 101 - 102 | 71°48'51"SE | 57.34                 | 102          | 728,971.916400  | 2,003,267.338300 |
| 102 - 103 | 61°47'14"SE | 61.58                 | 103          | 729,026.182900  | 2,003,238.225600 |
| 103 - 104 | 70°56'28"SE | 52.95                 | 104          | 729,076.230200  | 2,003,220.935600 |
| 104 - 105 | 55°48'57"NE | 29.97                 | 105          | 729,101.018700  | 2,003,237.771700 |
| 105 - 106 | 63°27'23"NE | 40.48                 | 106          | 729,137.235200  | 2,003,255.863000 |
| 106 - 107 | 49°31'06"SE | 94.10                 | 107          | 729,208.808000  | 2,003,194.774200 |
| 107 - 108 | 32°01'05"SE | 46.82                 | 108          | 729,233.630200  | 2,003,155.078300 |

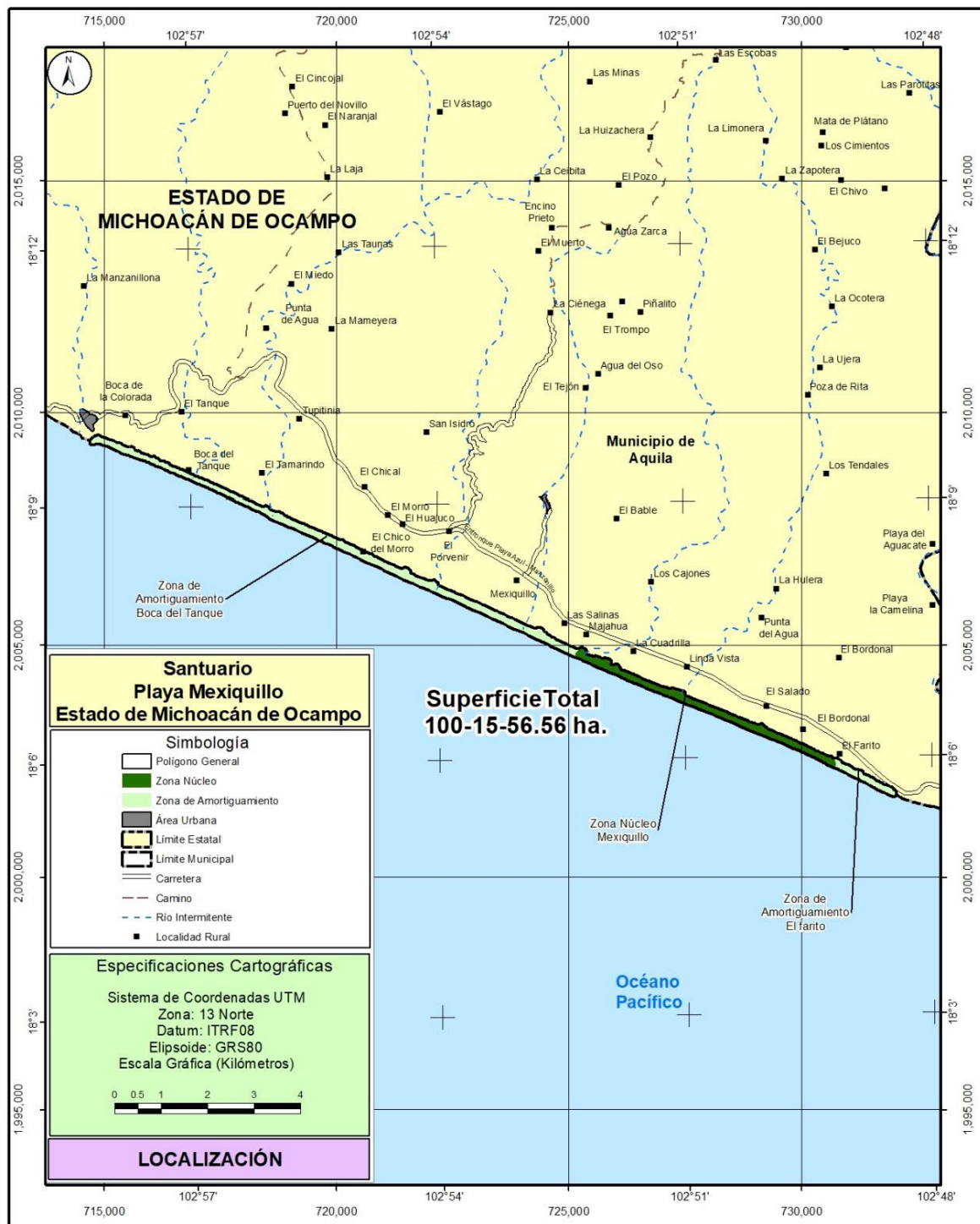


| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 108 - 109 | 65°35'40"SE | 70.83                 | 109          | 729,298.129100  | 2,003,125.812900 |
| 109 - 110 | 66°29'16"SE | 75.63                 | 110          | 729,367.479300  | 2,003,095.641100 |
| 110 - 111 | 72°05'01"SE | 32.23                 | 111          | 729,398.149300  | 2,003,085.725300 |
| 111 - 112 | 66°39'56"SE | 60.02                 | 112          | 729,453.260300  | 2,003,061.951500 |
| 112 - 113 | 66°06'23"SE | 57.99                 | 113          | 729,506.277700  | 2,003,038.464500 |
| 113 - 114 | 70°20'20"SE | 56.66                 | 114          | 729,559.631100  | 2,003,019.402300 |
| 114 - 115 | 65°43'35"SE | 58.34                 | 115          | 729,612.810300  | 2,002,995.420600 |
| 115 - 116 | 67°09'59"SE | 55.36                 | 116          | 729,663.828800  | 2,002,973.939400 |
| 116 - 117 | 65°37'41"SE | 56.58                 | 117          | 729,715.365000  | 2,002,950.592200 |
| 117 - 118 | 65°42'12"SE | 55.68                 | 118          | 729,766.109200  | 2,002,927.684000 |
| 118 - 119 | 69°45'18"SE | 56.83                 | 119          | 729,819.427100  | 2,002,908.019500 |
| 119 - 120 | 65°55'37"SE | 55.14                 | 120          | 729,869.769600  | 2,002,885.528900 |
| 120 - 121 | 65°23'26"SE | 55.92                 | 121          | 729,920.610900  | 2,002,862.242000 |
| 121 - 122 | 63°35'41"SE | 56.75                 | 122          | 729,971.436500  | 2,002,837.006400 |
| 122 - 123 | 67°00'41"SE | 33.82                 | 123          | 730,002.575100  | 2,002,823.796300 |
| 123 - 124 | 63°28'30"SE | 67.32                 | 124          | 730,062.805800  | 2,002,793.733600 |
| 124 - 125 | 64°47'09"SE | 41.96                 | 125          | 730,100.770700  | 2,002,775.857300 |
| 125 - 126 | 76°54'56"SE | 1.80                  | 126          | 730,102.522700  | 2,002,775.450100 |
| 126 - 127 | 58°13'31"SE | 3.31                  | 127          | 730,105.335700  | 2,002,773.707700 |
| 127 - 128 | 64°47'09"SE | 34.12                 | 128          | 730,136.206000  | 2,002,759.172000 |
| 128 - 129 | 62°17'06"SE | 57.63                 | 129          | 730,187.227500  | 2,002,732.368200 |
| 129 - 130 | 67°49'43"SE | 57.87                 | 130          | 730,240.817600  | 2,002,710.529900 |
| 130 - 131 | 60°31'29"SE | 48.46                 | 131          | 730,283.008100  | 2,002,686.683700 |
| 131 - 132 | 64°51'45"SE | 56.42                 | 132          | 730,334.085400  | 2,002,662.716800 |
| 132 - 133 | 64°17'14"SE | 53.23                 | 133          | 730,382.046900  | 2,002,639.621400 |
| 133 - 134 | 64°34'17"SE | 60.96                 | 134          | 730,437.104400  | 2,002,613.444500 |
| 134 - 135 | 61°55'51"SE | 56.27                 | 135          | 730,486.757100  | 2,002,586.966900 |
| 135 - 136 | 67°07'39"SE | 54.16                 | 136          | 730,536.658300  | 2,002,565.916200 |
| 136 - 137 | 58°03'50"SE | 35.91                 | 137          | 730,567.134400  | 2,002,546.919900 |
| 137 - 138 | 86°48'47"NE | 25.80                 | 138          | 730,592.893600  | 2,002,548.354100 |
| 138 - 139 | 66°28'39"NE | 21.29                 | 139          | 730,612.413500  | 2,002,556.850700 |
| 139 - 140 | 69°57'23"SE | 9.80                  | 140          | 730,621.616100  | 2,002,553.493300 |
| 140 - 141 | 29°25'11"SE | 8.28                  | 141          | 730,625.683100  | 2,002,546.281400 |
| 141 - 142 | 08°49'55"SE | 13.66                 | 142          | 730,627.780600  | 2,002,532.782500 |
| 142 - 143 | 34°35'07"SE | 22.39                 | 143          | 730,640.490700  | 2,002,514.348200 |
| 143 - 144 | 49°27'19"SE | 21.38                 | 144          | 730,656.733900  | 2,002,500.453300 |
| 144 - 145 | 88°19'06"NE | 9.70                  | 145          | 730,666.428800  | 2,002,500.737900 |
| 145 - 146 | 18°30'15"SE | 25.07                 | 146          | 730,674.386100  | 2,002,476.962000 |
| 146 - 147 | 20°10'16"SE | 26.67                 | 147          | 730,683.581700  | 2,002,451.930400 |
| 147 - 148 | 16°06'12"SE | 13.89                 | 148          | 730,687.435000  | 2,002,438.583400 |

A partir de este vértice 148 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 5,986.06 metros hasta llegar al vértice 149.

|           |             |       |     |                |                  |
|-----------|-------------|-------|-----|----------------|------------------|
|           |             |       | 149 | 725,184.807800 | 2,004,795.284300 |
| 149 - 150 | 41°09'55"NE | 47.82 | 150 | 725,216.285300 | 2,004,831.284600 |
| 150 - 151 | 51°15'56"NE | 20.41 | 151 | 725,232.210100 | 2,004,844.058400 |
| 151 - 1   | 44°59'31"NE | 64.66 | 1   |                |                  |

| Polígono general | Superficie<br>(ha) | Zonificación    | Nombre          | Superficie<br>(ha) |
|------------------|--------------------|-----------------|-----------------|--------------------|
| Playa Mexiquillo | 100.155656         | Amortiguamiento | Boca del Tanque | 62.141382          |
|                  |                    |                 | El Farito       | 7.151321           |
|                  |                    |                 | <b>Subtotal</b> | <b>69.292703</b>   |
|                  |                    | Núcleo          | Mexiquillo      | 30.862953          |
| <b>Total</b>     | <b>100.155656</b>  | <b>Total</b>    |                 | <b>100.155656</b>  |



**“Playa Piedra de Tlacoyunque”**

El Santuario conocido como Playa Piedra de Tlacoyunque, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de Tecpan de Galeana, en el estado de Guerrero, con una superficie total de 98-01-42.35 hectáreas (NOVENTA Y OCHO HECTÁREAS, UN ÁREA, CUARENTA Y DOS PUNTO TREINTA Y CINCO CENTIÁREAS). En el área se ubican dos zonas de amortiguamiento con una superficie de 63-19-75.45 hectáreas (SESENTA Y TRES HECTÁREAS, DIECINUEVE ÁREAS, SETENTA Y CINCO PUNTO CUARENTA Y CINCO CENTIÁREAS) y una zona núcleo con una superficie de 34-81-66.90 hectáreas (TREINTA Y CUATRO HECTÁREAS, OCHENTA Y UN ÁREAS, SESENTA Y SEIS PUNTO NOVENTA CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Piedra de Tlacoyunque, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 14 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General**  
**(Superficie 98-01-42.35 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 282,213.092700  | 1,910,774.738300 |
| 1 - 2   | 80°32'15"NE | 43.45                 | 2               | 282,255.955300  | 1,910,781.882100 |
| 2 - 3   | 56°46'15"SE | 27.12                 | 3               | 282,278.636800  | 1,910,767.023300 |
| 3 - 4   | 79°52'44"SE | 220.42                | 4               | 282,495.624400  | 1,910,728.290100 |
| 4 - 5   | 11°27'24"NE | 83.35                 | 5               | 282,512.179700  | 1,910,809.978000 |
| 5 - 6   | 84°57'26"SE | 13.23                 | 6               | 282,525.361000  | 1,910,808.814900 |
| 6 - 7   | 83°09'25"NE | 27.61                 | 7               | 282,552.776700  | 1,910,812.104800 |
| 7 - 8   | 48°21'59"NE | 26.41                 | 8               | 282,572.516000  | 1,910,829.650800 |
| 8 - 9   | 82°24'19"SE | 16.59                 | 9               | 282,588.965400  | 1,910,827.457600 |
| 9 - 10  | 76°25'44"SE | 32.72                 | 10              | 282,620.768200  | 1,910,819.780800 |
| 10 - 11 | 66°34'17"SE | 35.85                 | 11              | 282,653.666400  | 1,910,805.525000 |
| 11 - 12 | 79°22'49"SE | 35.70                 | 12              | 282,688.758400  | 1,910,798.945300 |
| 12 - 13 | 88°09'08"SE | 34.01                 | 13              | 282,722.753800  | 1,910,797.848600 |
| 13 - 14 | 66°02'15"SE | 21.60                 | 14              | 282,742.493100  | 1,910,789.075600 |
| 14 - 15 | 27°33'10"SE | 28.45                 | 15              | 282,755.652700  | 1,910,763.853200 |
| 15 - 16 | 78°18'37"SE | 32.48                 | 16              | 282,787.454800  | 1,910,757.273400 |
| 16 - 17 | 81°52'11"SE | 31.02                 | 17              | 282,818.160400  | 1,910,752.886900 |
| 17 - 18 | 79°59'32"SE | 18.93                 | 18              | 282,836.803100  | 1,910,749.597100 |
| 18 - 19 | 68°33'09"NE | 32.99                 | 19              | 282,867.509000  | 1,910,761.659900 |
| 19 - 20 | 79°12'55"NE | 23.44                 | 20              | 282,890.537800  | 1,910,766.046500 |
| 20 - 21 | 90°00'00"NE | 23.03                 | 21              | 282,913.566900  | 1,910,766.046500 |
| 21 - 22 | 82°14'06"NE | 24.35                 | 22              | 282,937.692700  | 1,910,769.336300 |
| 22 - 23 | 56°18'33"SE | 19.77                 | 23              | 282,954.141500  | 1,910,758.370200 |
| 23 - 24 | 47°29'24"SE | 35.70                 | 24              | 282,980.461200  | 1,910,734.244300 |
| 24 - 25 | 80°08'05"NE | 25.60                 | 25              | 283,005.683600  | 1,910,738.630500 |
| 25 - 26 | 87°12'27"SE | 45.02                 | 26              | 283,050.645300  | 1,910,736.437500 |
| 26 - 27 | 73°24'45"SE | 53.78                 | 27              | 283,102.186800  | 1,910,721.084800 |
| 27 - 28 | 55°55'21"SE | 45.02                 | 28              | 283,139.472100  | 1,910,695.862300 |
| 28 - 29 | 54°27'46"SE | 37.73                 | 29              | 283,170.178200  | 1,910,673.929900 |
| 29 - 30 | 17°49'04"SE | 32.25                 | 30              | 283,180.047300  | 1,910,643.224200 |
| 30 - 31 | 09°46'54"SE | 32.27                 | 31              | 283,185.530100  | 1,910,611.421600 |
| 31 - 32 | 46°28'10"SW | 30.25                 | 32              | 283,163.600700  | 1,910,590.589300 |
| 32 - 33 | 65°53'53"SW | 22.60                 | 33              | 283,142.971900  | 1,910,581.360800 |
| 33 - 34 | 81°14'57"SE | 7.80                  | 34              | 283,150.682000  | 1,910,580.174000 |
| 34 - 35 | 60°00'10"SE | 6.95                  | 35              | 283,156.698300  | 1,910,576.700900 |
| 35 - 36 | 49°14'30"SE | 10.92                 | 36              | 283,164.970000  | 1,910,569.571500 |
| 36 - 37 | 84°49'52"SE | 11.27                 | 37              | 283,176.196000  | 1,910,568.556000 |
| 37 - 38 | 70°00'01"SE | 4.47                  | 38              | 283,180.397000  | 1,910,567.027000 |
| 38 - 39 | 88°06'43"SE | 17.21                 | 39              | 283,197.593300  | 1,910,566.460200 |
| 39 - 40 | 82°14'06"SE | 24.35                 | 40              | 283,221.719300  | 1,910,563.170400 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 40 - 41 | 81°28'08"SE | 22.18                 | 41              | 283,243.651200  | 1,910,559.880500 |
| 41 - 42 | 88°05'16"SE | 30.14                 | 42              | 283,273.772100  | 1,910,558.874900 |
| 42 - 43 | 85°57'55"SE | 32.47                 | 43              | 283,306.159500  | 1,910,556.590500 |
| 43 - 44 | 62°21'20"SE | 26.00                 | 44              | 283,329.188900  | 1,910,544.528400 |
| 44 - 45 | 87°03'48"SE | 42.82                 | 45              | 283,371.957000  | 1,910,542.334600 |
| 45 - 46 | 81°15'13"SE | 14.42                 | 46              | 283,386.213100  | 1,910,540.141300 |
| 46 - 47 | 49°50'39"SE | 45.91                 | 47              | 283,421.305400  | 1,910,510.532400 |
| 47 - 48 | 86°49'12"SE | 19.77                 | 48              | 283,441.044500  | 1,910,509.435800 |
| 48 - 49 | 62°19'58"SE | 35.56                 | 49              | 283,472.541100  | 1,910,492.922700 |
| 49 - 50 | 67°00'40"SE | 37.94                 | 50              | 283,507.466200  | 1,910,478.106000 |
| 50 - 51 | 76°40'31"SE | 41.33                 | 51              | 283,547.682900  | 1,910,468.581000 |
| 51 - 52 | 60°01'06"SE | 31.77                 | 52              | 283,575.199700  | 1,910,452.706000 |
| 52 - 53 | 58°44'10"SE | 34.67                 | 53              | 283,604.833100  | 1,910,434.714200 |
| 53 - 54 | 81°34'21"SE | 28.89                 | 54              | 283,633.408600  | 1,910,430.480600 |
| 54 - 55 | 57°32'27"SE | 30.65                 | 55              | 283,659.273100  | 1,910,414.029100 |
| 55 - 56 | 62°21'15"SE | 26.00                 | 56              | 283,682.302400  | 1,910,401.966300 |
| 56 - 57 | 70°01'00"SE | 25.67                 | 57              | 283,706.428200  | 1,910,393.193300 |
| 57 - 58 | 88°40'04"SE | 47.17                 | 58              | 283,753.583100  | 1,910,392.096700 |
| 58 - 59 | 80°32'16"SE | 20.01                 | 59              | 283,773.322500  | 1,910,388.806900 |
| 59 - 60 | 45°00'00"SE | 27.92                 | 60              | 283,793.061800  | 1,910,369.067700 |
| 60 - 61 | 50°11'39"SE | 25.69                 | 61              | 283,812.800600  | 1,910,352.618600 |
| 61 - 62 | 70°33'34"SE | 19.77                 | 62              | 283,831.443700  | 1,910,346.038500 |
| 62 - 63 | 81°34'22"SE | 29.93                 | 63              | 283,861.052600  | 1,910,341.651900 |
| 63 - 64 | 48°34'35"SE | 24.86                 | 64              | 283,879.695300  | 1,910,325.202600 |
| 64 - 65 | 59°25'13"SE | 28.02                 | 65              | 283,903.821000  | 1,910,310.946300 |
| 65 - 66 | 64°49'07"SE | 96.44                 | 66              | 283,991.096300  | 1,910,269.912300 |
| 66 - 67 | 63°18'52"SE | 176.66                | 67              | 284,148.938000  | 1,910,190.576500 |
| 67 - 68 | 61°28'43"SE | 70.74                 | 68              | 284,211.096200  | 1,910,156.797400 |
| 68 - 69 | 64°14'08"SE | 140.34                | 69              | 284,337.483500  | 1,910,095.796500 |
| 69 - 70 | 71°08'47"SE | 162.98                | 70              | 284,491.718400  | 1,910,043.130100 |
| 70 - 71 | 54°36'18"SE | 49.33                 | 71              | 284,531.934900  | 1,910,014.555100 |
| 71 - 72 | 69°26'38"SE | 36.17                 | 72              | 284,565.801700  | 1,910,001.855100 |
| 72 - 73 | 60°01'06"SE | 31.77                 | 73              | 284,593.318800  | 1,909,985.980000 |
| 73 - 74 | 66°34'14"SE | 34.60                 | 74              | 284,625.068900  | 1,909,972.221300 |
| 74 - 75 | 86°03'19"SE | 30.76                 | 75              | 284,655.760200  | 1,909,970.105000 |
| 75 - 76 | 78°06'36"SE | 20.55                 | 76              | 284,675.868900  | 1,909,965.871100 |
| 76 - 77 | 59°02'04"SE | 12.34                 | 77              | 284,686.451400  | 1,909,959.521200 |
| 77 - 78 | 39°05'46"SE | 21.82                 | 78              | 284,700.210200  | 1,909,942.588700 |
| 78 - 79 | 31°19'41"SE | 28.50                 | 79              | 284,715.026900  | 1,909,918.246600 |
| 79 - 80 | 68°44'57"SE | 20.44                 | 80              | 284,734.077000  | 1,909,910.838200 |
| 80 - 81 | 65°05'42"SE | 32.67                 | 81              | 284,763.710300  | 1,909,897.079900 |
| 81 - 82 | 64°13'50"SE | 34.08                 | 82              | 284,794.402100  | 1,909,882.263100 |
| 82 - 83 | 54°14'46"SE | 32.60                 | 83              | 284,820.860500  | 1,909,863.213100 |
| 83 - 84 | 73°08'30"SE | 36.49                 | 84              | 284,855.785600  | 1,909,852.629800 |
| 84 - 85 | 64°39'15"SE | 22.25                 | 85              | 284,875.894100  | 1,909,843.104900 |
| 85 - 86 | 42°42'32"SE | 37.45                 | 86              | 284,901.294000  | 1,909,815.588000 |
| 86 - 87 | 86°59'12"SE | 20.14                 | 87              | 284,921.401700  | 1,909,814.529600 |
| 87 - 88 | 57°59'44"SE | 19.97                 | 88              | 284,938.335700  | 1,909,803.946300 |
| 88 - 89 | 49°45'49"SE | 18.02                 | 89              | 284,952.094100  | 1,909,792.304600 |
| 89 - 90 | 58°44'08"SE | 34.67                 | 90              | 284,981.727300  | 1,909,774.312700 |
| 90 - 91 | 69°08'47"SE | 23.78                 | 91              | 285,003.952600  | 1,909,765.846400 |
| 91 - 92 | 48°39'07"SE | 35.24                 | 92              | 285,030.410900  | 1,909,742.562900 |
| 92 - 93 | 78°41'25"SE | 21.59                 | 93              | 285,051.578300  | 1,909,738.329600 |
| 93 - 94 | 61°23'18"SE | 13.26                 | 94              | 285,063.219500  | 1,909,731.979600 |
| 94 - 95 | 56°58'35"SE | 25.25                 | 95              | 285,084.386200  | 1,909,718.221400 |
| 95 - 96 | 67°31'11"SE | 33.22                 | 96              | 285,115.078300  | 1,909,705.520800 |
| 96 - 97 | 57°59'40"SE | 39.94                 | 97              | 285,148.944500  | 1,909,684.354400 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 97 - 98   | 66°48'05"SE | 16.12                 | 98              | 285,163.761200  | 1,909,678.004400 |
| 98 - 99   | 64°17'23"SE | 31.71                 | 99              | 285,192.336200  | 1,909,664.246000 |
| 99 - 100  | 62°10'33"SE | 43.08                 | 100             | 285,230.436300  | 1,909,644.137700 |
| 100 - 101 | 56°43'30"SE | 40.51                 | 101             | 285,264.303000  | 1,909,621.912600 |
| 101 - 102 | 78°18'38"SE | 31.34                 | 102             | 285,294.994800  | 1,909,615.562600 |
| 102 - 103 | 62°42'00"SE | 36.92                 | 103             | 285,327.800300  | 1,909,598.630600 |
| 103 - 104 | 57°31'45"SE | 27.60                 | 104             | 285,351.086600  | 1,909,583.812400 |
| 104 - 105 | 34°30'36"SE | 20.55                 | 105             | 285,362.728700  | 1,909,566.879400 |
| 105 - 106 | 67°14'54"SE | 35.58                 | 106             | 285,395.536700  | 1,909,553.120900 |
| 106 - 107 | 54°05'24"SE | 37.89                 | 107             | 285,426.228400  | 1,909,530.895800 |
| 107 - 108 | 58°17'52"SE | 42.29                 | 108             | 285,462.211300  | 1,909,508.670500 |
| 108 - 109 | 58°34'17"SE | 22.33                 | 109             | 285,481.261400  | 1,909,497.029300 |
| 109 - 110 | 62°35'31"SE | 32.19                 | 110             | 285,509.836800  | 1,909,482.212200 |
| 110 - 111 | 78°01'26"SE | 35.70                 | 111             | 285,544.761900  | 1,909,474.804000 |
| 111 - 112 | 67°53'25"SE | 36.55                 | 112             | 285,578.628700  | 1,909,461.045600 |
| 112 - 113 | 63°26'05"SE | 35.50                 | 113             | 285,610.379000  | 1,909,445.170400 |
| 113 - 114 | 47°12'09"SE | 38.94                 | 114             | 285,638.953800  | 1,909,418.712200 |
| 114 - 115 | 46°00'18"SE | 42.66                 | 115             | 285,669.645500  | 1,909,389.078800 |
| 115 - 116 | 62°14'32"SE | 22.72                 | 116             | 285,689.754100  | 1,909,378.495700 |
| 116 - 117 | 51°20'18"SE | 27.11                 | 117             | 285,710.920500  | 1,909,361.561600 |
| 117 - 118 | 59°02'13"SE | 30.86                 | 118             | 285,737.379000  | 1,909,345.687100 |
| 118 - 119 | 40°36'06"SE | 19.51                 | 119             | 285,750.079300  | 1,909,330.870300 |
| 119 - 120 | 54°46'54"SE | 22.02                 | 120             | 285,768.070600  | 1,909,318.170300 |
| 120 - 121 | 49°14'11"SE | 40.52                 | 121             | 285,798.762400  | 1,909,291.712000 |
| 121 - 122 | 49°53'57"SE | 26.29                 | 122             | 285,818.870700  | 1,909,274.778800 |
| 122 - 123 | 40°35'58"SE | 19.52                 | 123             | 285,831.570600  | 1,909,259.961400 |
| 123 - 124 | 57°59'43"SE | 19.96                 | 124             | 285,848.500400  | 1,909,249.380600 |
| 124 - 125 | 59°02'13"SE | 24.69                 | 125             | 285,869.670700  | 1,909,236.678900 |
| 125 - 126 | 49°23'53"SE | 19.52                 | 126             | 285,884.487600  | 1,909,223.978500 |
| 126 - 127 | 30°57'48"SE | 12.34                 | 127             | 285,890.837600  | 1,909,213.395100 |
| 127 - 128 | 55°18'17"SE | 16.73                 | 128             | 285,904.596000  | 1,909,203.870100 |
| 128 - 129 | 58°40'16"SE | 28.50                 | 129             | 285,928.937700  | 1,909,189.053400 |
| 129 - 130 | 30°57'58"SE | 12.34                 | 130             | 285,935.288300  | 1,909,178.470100 |
| 130 - 131 | 49°23'48"SE | 9.76                  | 131             | 285,942.696100  | 1,909,172.120100 |
| 131 - 132 | 48°28'05"SE | 49.48                 | 132             | 285,979.738400  | 1,909,139.311300 |
| 132 - 133 | 51°15'02"SE | 26.73                 | 133             | 286,000.587000  | 1,909,122.579000 |
| 133 - 134 | 58°25'56"SE | 9.31                  | 134             | 286,008.518000  | 1,909,117.706000 |
| 134 - 135 | 40°48'16"SE | 6.39                  | 135             | 286,012.693000  | 1,909,112.870000 |
| 135 - 136 | 27°36'55"SE | 9.03                  | 136             | 286,016.877000  | 1,909,104.872000 |
| 136 - 137 | 12°37'57"SE | 9.51                  | 137             | 286,018.956000  | 1,909,095.596000 |
| 137 - 138 | 01°24'22"SE | 8.31                  | 138             | 286,019.159900  | 1,909,087.290000 |
| 138 - 139 | 15°29'55"SE | 11.64                 | 139             | 286,022.270800  | 1,909,076.071500 |
| 139 - 140 | 19°01'18"SE | 6.77                  | 140             | 286,024.476000  | 1,909,069.675000 |
| 140 - 141 | 20°44'42"SE | 8.15                  | 141             | 286,027.362900  | 1,909,062.053200 |
| 141 - 142 | 40°24'09"SE | 3.65                  | 142             | 286,029.731800  | 1,909,059.270000 |
| 142 - 143 | 43°44'48"SE | 8.37                  | 143             | 286,035.517000  | 1,909,053.226000 |
| 143 - 144 | 31°10'57"SE | 11.35                 | 144             | 286,041.396000  | 1,909,043.512000 |
| 144 - 145 | 19°00'53"SE | 5.40                  | 145             | 286,043.157000  | 1,909,038.402000 |
| 145 - 146 | 11°14'16"SE | 15.66                 | 146             | 286,046.209300  | 1,909,023.040000 |
| 146 - 147 | 00°00'00"SE | 6.95                  | 147             | 286,046.209300  | 1,909,016.094000 |
| 147 - 148 | 10°32'04"SW | 9.20                  | 148             | 286,044.528000  | 1,909,007.053000 |
| 148 - 149 | 03°29'55"SE | 13.93                 | 149             | 286,045.378200  | 1,908,993.147000 |
| 149 - 150 | 13°12'58"SW | 9.29                  | 150             | 286,043.254000  | 1,908,984.102000 |
| 150 - 151 | 03°49'15"SW | 6.33                  | 151             | 286,042.831900  | 1,908,977.781800 |
| 151 - 152 | 08°07'40"SE | 3.91                  | 152             | 286,043.384000  | 1,908,973.916000 |
| 152 - 153 | 03°00'26"SW | 6.10                  | 153             | 286,043.064000  | 1,908,967.825000 |
| 153 - 154 | 16°18'04"SW | 12.31                 | 154             | 286,039.609400  | 1,908,956.012200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 154 - 155 | 05°07'54"SW | 6.36                  | 155             | 286,039.040800  | 1,908,949.680800 |
| 155 - 156 | 45°22'45"SE | 16.31                 | 156             | 286,050.646300  | 1,908,938.227900 |
| 156 - 157 | 60°56'42"SE | 10.90                 | 157             | 286,060.171300  | 1,908,932.936200 |
| 157 - 158 | 71°33'51"NE | 16.73                 | 158             | 286,076.046300  | 1,908,938.228100 |
| 158 - 159 | 82°24'14"SE | 16.02                 | 159             | 286,091.921000  | 1,908,936.111100 |
| 159 - 160 | 29°03'23"SE | 10.90                 | 160             | 286,097.213000  | 1,908,926.586200 |
| 160 - 161 | 75°22'38"SE | 15.72                 | 161             | 286,112.427600  | 1,908,922.616700 |
| 161 - 162 | 62°21'14"SE | 26.00                 | 162             | 286,135.456700  | 1,908,910.553800 |
| 162 - 163 | 79°59'31"SE | 18.93                 | 163             | 286,154.099400  | 1,908,907.263900 |
| 163 - 164 | 50°31'36"SE | 24.15                 | 164             | 286,172.741800  | 1,908,891.911000 |
| 164 - 165 | 45°00'09"SE | 6.20                  | 165             | 286,177.128600  | 1,908,887.524600 |
| 165 - 166 | 48°21'59"SE | 13.21                 | 166             | 286,186.998700  | 1,908,878.751200 |
| 166 - 167 | 54°09'44"SE | 24.35                 | 167             | 286,206.737500  | 1,908,864.495400 |
| 167 - 168 | 62°26'49"SE | 28.45                 | 168             | 286,231.959900  | 1,908,851.335900 |
| 168 - 169 | 83°09'25"SE | 27.61                 | 169             | 286,259.375600  | 1,908,848.046000 |
| 169 - 170 | 90°00'00"NE | 2.19                  | 170             | 286,261.568800  | 1,908,848.046000 |
| 170 - 171 | 65°33'22"SE | 26.50                 | 171             | 286,285.694600  | 1,908,837.079800 |
| 171 - 172 | 87°23'50"SE | 24.15                 | 172             | 286,309.820400  | 1,908,835.983100 |
| 172 - 173 | 68°44'58"SE | 21.18                 | 173             | 286,329.559700  | 1,908,828.306700 |
| 173 - 174 | 75°22'45"SE | 26.07                 | 174             | 286,354.782100  | 1,908,821.727000 |
| 174 - 175 | 67°37'11"SE | 20.16                 | 175             | 286,373.424800  | 1,908,814.050600 |
| 175 - 176 | 53°07'46"SE | 21.93                 | 176             | 286,390.970700  | 1,908,800.890900 |
| 176 - 177 | 31°36'30"SE | 16.74                 | 177             | 286,399.743900  | 1,908,786.635000 |
| 177 - 178 | 40°14'09"SE | 18.67                 | 178             | 286,411.806700  | 1,908,772.378800 |
| 178 - 179 | 28°36'38"SE | 13.74                 | 179             | 286,418.386500  | 1,908,760.315900 |
| 179 - 180 | 00°00'00"SE | 1.10                  | 180             | 286,418.386500  | 1,908,759.219200 |
| 180 - 181 | 86°59'13"NE | 20.86                 | 181             | 286,439.222400  | 1,908,760.315900 |
| 181 - 182 | 79°06'51"SE | 29.03                 | 182             | 286,467.734700  | 1,908,754.832700 |
| 182 - 183 | 75°04'07"SE | 17.02                 | 183             | 286,484.181400  | 1,908,750.447000 |
| 183 - 184 | 23°58'26"SE | 10.80                 | 184             | 286,488.570600  | 1,908,740.576600 |
| 184 - 185 | 83°39'34"SE | 19.86                 | 185             | 286,508.309900  | 1,908,738.383300 |
| 185 - 186 | 90°00'00"NE | 18.64                 | 186             | 286,526.952500  | 1,908,738.383300 |
| 186 - 187 | 64°47'56"SE | 20.60                 | 187             | 286,545.595200  | 1,908,729.610300 |
| 187 - 188 | 39°17'21"SE | 15.59                 | 188             | 286,555.464800  | 1,908,717.547400 |
| 188 - 189 | 32°28'16"SE | 14.30                 | 189             | 286,563.141200  | 1,908,705.484500 |
| 189 - 190 | 75°14'44"SE | 7.80                  | 190             | 286,570.679200  | 1,908,703.499300 |
| 190 - 191 | 64°57'37"SE | 9.29                  | 191             | 286,579.099000  | 1,908,699.566000 |
| 191 - 192 | 47°44'56"SE | 15.75                 | 192             | 286,590.754000  | 1,908,688.979000 |
| 192 - 193 | 36°30'56"SE | 6.18                  | 193             | 286,594.430000  | 1,908,684.014000 |
| 193 - 194 | 27°37'40"SE | 19.31                 | 194             | 286,603.385000  | 1,908,666.905000 |
| 194 - 195 | 23°32'21"SE | 23.91                 | 195             | 286,612.934000  | 1,908,644.985000 |
| 195 - 196 | 16°20'39"SE | 11.35                 | 196             | 286,616.128200  | 1,908,634.093000 |
| 196 - 197 | 08°30'30"SE | 8.32                  | 197             | 286,617.358600  | 1,908,625.868400 |
| 197 - 198 | 68°57'53"NE | 62.83                 | 198             | 286,676.000000  | 1,908,648.420000 |
| 198 - 199 | 78°17'27"NE | 3.72                  | 199             | 286,679.638000  | 1,908,649.174000 |
| 199 - 200 | 85°07'48"SE | 11.17                 | 200             | 286,690.765000  | 1,908,648.226000 |
| 200 - 201 | 72°43'33"SE | 8.85                  | 201             | 286,699.216000  | 1,908,645.598000 |
| 201 - 202 | 55°03'19"NE | 8.72                  | 202             | 286,706.360000  | 1,908,650.590000 |
| 202 - 203 | 65°59'10"NE | 16.91                 | 203             | 286,721.805000  | 1,908,657.471000 |
| 203 - 204 | 61°02'38"NE | 6.59                  | 204             | 286,727.574000  | 1,908,660.663000 |
| 204 - 205 | 53°06'58"NE | 8.21                  | 205             | 286,734.140000  | 1,908,665.590000 |
| 205 - 206 | 39°10'58"NE | 23.63                 | 206             | 286,749.069000  | 1,908,683.906000 |
| 206 - 207 | 46°28'32"NE | 31.85                 | 207             | 286,772.164000  | 1,908,705.841000 |
| 207 - 208 | 42°16'25"NE | 22.92                 | 208             | 286,787.584000  | 1,908,722.803000 |
| 208 - 209 | 50°41'34"NE | 41.74                 | 209             | 286,819.884000  | 1,908,749.247000 |
| 209 - 210 | 58°59'28"NE | 23.38                 | 210             | 286,839.920000  | 1,908,761.290000 |
| 210 - 211 | 65°36'36"NE | 47.22                 | 211             | 286,882.927600  | 1,908,780.790000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 211 - 212 | 72°28'22"NE | 23.06                 | 212             | 286,904.915000  | 1,908,787.734000 |
| 212 - 213 | 80°09'25"NE | 26.60                 | 213             | 286,931.126000  | 1,908,792.281600 |
| 213 - 214 | 85°23'39"NE | 27.99                 | 214             | 286,959.027200  | 1,908,794.529300 |
| 214 - 215 | 83°19'47"NE | 31.46                 | 215             | 286,990.269700  | 1,908,798.182900 |
| 215 - 216 | 84°12'23"NE | 31.57                 | 216             | 287,021.678700  | 1,908,801.369700 |
| 216 - 217 | 89°56'05"NE | 29.24                 | 217             | 287,050.920800  | 1,908,801.402900 |
| 217 - 218 | 89°00'20"SE | 30.35                 | 218             | 287,081.267600  | 1,908,800.876200 |
| 218 - 219 | 72°57'16"SE | 32.01                 | 219             | 287,111.872600  | 1,908,791.492800 |
| 219 - 220 | 86°16'05"SE | 30.08                 | 220             | 287,141.892600  | 1,908,789.534800 |
| 220 - 221 | 81°27'27"SE | 30.19                 | 221             | 287,171.751100  | 1,908,785.049800 |
| 221 - 222 | 78°19'26"SE | 28.53                 | 222             | 287,199.695600  | 1,908,779.275000 |
| 222 - 223 | 83°30'31"SE | 19.27                 | 223             | 287,218.840200  | 1,908,777.096700 |
| 223 - 224 | 78°03'30"SE | 16.90                 | 224             | 287,235.375900  | 1,908,773.599600 |
| 224 - 225 | 87°16'09"SE | 19.62                 | 225             | 287,254.971100  | 1,908,772.665000 |
| 225 - 226 | 65°39'22"SE | 23.86                 | 226             | 287,276.707800  | 1,908,762.830500 |
| 226 - 227 | 78°04'24"SE | 25.78                 | 227             | 287,301.930000  | 1,908,757.503100 |
| 227 - 228 | 82°17'20"SE | 32.55                 | 228             | 287,334.181300  | 1,908,753.136200 |
| 228 - 229 | 66°49'09"SE | 29.21                 | 229             | 287,361.029700  | 1,908,741.639600 |
| 229 - 230 | 31°53'40"SW | 12.32                 | 230             | 287,354.520700  | 1,908,731.180300 |
| 230 - 231 | 49°00'04"SW | 6.66                  | 231             | 287,349.493000  | 1,908,726.810000 |
| 231 - 232 | 76°56'08"SE | 11.67                 | 232             | 287,360.857000  | 1,908,724.173000 |
| 232 - 233 | 74°09'21"NE | 9.09                  | 233             | 287,369.599400  | 1,908,726.654100 |
| 233 - 234 | 51°53'36"NE | 19.04                 | 234             | 287,384.582400  | 1,908,738.405000 |
| 234 - 235 | 60°53'29"NE | 19.81                 | 235             | 287,401.889300  | 1,908,748.041200 |
| 235 - 236 | 80°51'00"SE | 34.08                 | 236             | 287,435.533200  | 1,908,742.622300 |
| 236 - 237 | 71°58'33"SE | 25.45                 | 237             | 287,459.729600  | 1,908,734.749200 |
| 237 - 238 | 79°42'50"NE | 26.94                 | 238             | 287,486.236100  | 1,908,739.559600 |
| 238 - 239 | 86°22'42"SE | 25.48                 | 239             | 287,511.669900  | 1,908,737.949800 |
| 239 - 240 | 75°14'01"SE | 26.54                 | 240             | 287,537.337200  | 1,908,731.184400 |
| 240 - 241 | 72°03'50"SE | 29.52                 | 241             | 287,565.425400  | 1,908,722.092700 |
| 241 - 242 | 80°43'39"SE | 29.24                 | 242             | 287,594.280700  | 1,908,717.381800 |
| 242 - 243 | 76°36'42"SE | 27.71                 | 243             | 287,621.235400  | 1,908,710.966200 |
| 243 - 244 | 80°41'07"SE | 28.01                 | 244             | 287,648.872500  | 1,908,706.433200 |
| 244 - 245 | 77°36'28"SE | 29.15                 | 245             | 287,677.339200  | 1,908,700.178500 |
| 245 - 246 | 79°14'22"SE | 29.28                 | 246             | 287,706.107100  | 1,908,694.711300 |
| 246 - 247 | 75°36'15"SE | 31.10                 | 247             | 287,736.225900  | 1,908,686.980500 |
| 247 - 248 | 73°55'38"SE | 50.00                 | 248             | 287,784.270400  | 1,908,673.138000 |
| 248 - 249 | 82°09'14"SE | 27.17                 | 249             | 287,811.185300  | 1,908,669.429100 |
| 249 - 250 | 78°35'10"SE | 26.00                 | 250             | 287,836.668900  | 1,908,664.284300 |
| 250 - 251 | 76°51'20"SE | 25.67                 | 251             | 287,861.662900  | 1,908,658.447700 |
| 251 - 252 | 80°43'00"SE | 29.96                 | 252             | 287,891.228100  | 1,908,653.615100 |
| 252 - 253 | 78°50'22"SE | 31.53                 | 253             | 287,922.164300  | 1,908,647.511800 |
| 253 - 254 | 67°02'49"SE | 32.72                 | 254             | 287,952.295800  | 1,908,634.751000 |
| 254 - 255 | 82°16'34"SE | 28.35                 | 255             | 287,980.385300  | 1,908,630.941300 |
| 255 - 256 | 72°12'21"SE | 55.82                 | 256             | 288,033.534500  | 1,908,613.883100 |
| 256 - 257 | 78°48'20"SE | 25.98                 | 257             | 288,059.019900  | 1,908,608.839500 |
| 257 - 258 | 72°35'45"SE | 31.31                 | 258             | 288,088.895500  | 1,908,599.474800 |
| 258 - 259 | 77°05'25"SE | 30.92                 | 259             | 288,119.038300  | 1,908,592.565800 |
| 259 - 260 | 73°02'49"SE | 31.40                 | 260             | 288,149.075400  | 1,908,583.409600 |
| 260 - 261 | 73°41'48"SE | 33.41                 | 261             | 288,181.146400  | 1,908,574.029400 |
| 261 - 262 | 71°29'58"SE | 33.48                 | 262             | 288,212.895400  | 1,908,563.406000 |
| 262 - 263 | 67°39'07"SE | 32.35                 | 263             | 288,242.816500  | 1,908,551.105200 |
| 263 - 264 | 71°30'02"SE | 29.53                 | 264             | 288,270.824600  | 1,908,541.734200 |
| 264 - 265 | 73°26'25"SE | 31.52                 | 265             | 288,301.040700  | 1,908,532.749600 |
| 265 - 266 | 72°27'14"SE | 27.44                 | 266             | 288,327.207200  | 1,908,524.476300 |
| 266 - 267 | 71°19'39"SE | 22.87                 | 267             | 288,348.870900  | 1,908,517.155200 |
| 267 - 268 | 71°03'42"SE | 22.59                 | 268             | 288,370.242700  | 1,908,509.822100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 268 - 269 | 74°16'45"SE | 30.88                 | 269             | 288,399.968300  | 1,908,501.455000 |
| 269 - 270 | 72°00'00"SE | 32.88                 | 270             | 288,431.238400  | 1,908,491.294800 |
| 270 - 271 | 72°58'33"SE | 14.69                 | 271             | 288,445.284200  | 1,908,486.994100 |
| 271 - 272 | 68°16'57"SE | 28.20                 | 272             | 288,471.481700  | 1,908,476.559700 |
| 272 - 273 | 71°02'09"SE | 25.56                 | 273             | 288,495.650500  | 1,908,468.254700 |
| 273 - 274 | 65°14'06"SE | 26.86                 | 274             | 288,520.039800  | 1,908,457.003400 |
| 274 - 275 | 66°09'02"SE | 29.62                 | 275             | 288,547.133500  | 1,908,445.025800 |
| 275 - 276 | 71°19'44"SE | 30.69                 | 276             | 288,576.204300  | 1,908,435.202300 |
| 276 - 277 | 67°57'39"SE | 30.20                 | 277             | 288,604.199700  | 1,908,423.869300 |
| 277 - 278 | 69°02'59"SE | 33.04                 | 278             | 288,635.052700  | 1,908,412.056800 |
| 278 - 279 | 67°41'54"SE | 62.72                 | 279             | 288,693.079100  | 1,908,388.256600 |
| 279 - 280 | 75°40'33"SE | 29.40                 | 280             | 288,721.562200  | 1,908,380.983700 |
| 280 - 281 | 67°18'05"SE | 30.72                 | 281             | 288,749.900200  | 1,908,369.130500 |
| 281 - 282 | 68°50'42"SE | 30.37                 | 282             | 288,778.221200  | 1,908,358.171100 |
| 282 - 283 | 67°25'59"SE | 30.37                 | 283             | 288,806.266100  | 1,908,346.516200 |
| 283 - 284 | 69°24'38"SE | 29.08                 | 284             | 288,833.489800  | 1,908,336.289300 |
| 284 - 285 | 70°32'43"SE | 28.94                 | 285             | 288,860.779900  | 1,908,326.649700 |
| 285 - 286 | 66°34'30"SE | 29.47                 | 286             | 288,887.819300  | 1,908,314.934800 |
| 286 - 287 | 70°30'50"SE | 28.47                 | 287             | 288,914.657200  | 1,908,305.438400 |
| 287 - 288 | 76°58'41"SE | 29.09                 | 288             | 288,943.000600  | 1,908,298.883500 |
| 288 - 289 | 76°33'13"SE | 27.33                 | 289             | 288,969.580700  | 1,908,292.528600 |
| 289 - 290 | 63°27'12"SE | 23.42                 | 290             | 288,990.535200  | 1,908,282.059800 |
| 290 - 291 | 58°07'01"SE | 27.43                 | 291             | 289,013.830900  | 1,908,267.569200 |
| 291 - 292 | 70°28'07"SE | 29.37                 | 292             | 289,041.509000  | 1,908,257.750900 |
| 292 - 293 | 70°41'01"SE | 30.65                 | 293             | 289,070.432600  | 1,908,247.612800 |
| 293 - 294 | 64°21'04"SE | 30.03                 | 294             | 289,097.503900  | 1,908,234.614000 |
| 294 - 295 | 66°09'05"SE | 61.42                 | 295             | 289,153.679000  | 1,908,209.781100 |
| 295 - 296 | 68°33'59"SE | 32.37                 | 296             | 289,183.807300  | 1,908,197.953600 |
| 296 - 297 | 67°12'57"SE | 32.06                 | 297             | 289,213.364000  | 1,908,185.538800 |
| 297 - 298 | 70°52'44"SE | 31.74                 | 298             | 289,243.351700  | 1,908,175.142400 |
| 298 - 299 | 71°22'00"SE | 30.25                 | 299             | 289,272.015300  | 1,908,165.477600 |
| 299 - 300 | 69°08'38"SE | 29.03                 | 300             | 289,299.146600  | 1,908,155.141100 |
| 300 - 301 | 69°22'17"SE | 29.89                 | 301             | 289,327.121400  | 1,908,144.610200 |
| 301 - 302 | 67°04'49"SE | 29.67                 | 302             | 289,354.451200  | 1,908,133.054700 |
| 302 - 303 | 67°24'35"SE | 33.12                 | 303             | 289,385.032700  | 1,908,120.331100 |
| 303 - 304 | 69°30'16"SE | 30.75                 | 304             | 289,413.839600  | 1,908,109.563200 |
| 304 - 305 | 75°53'49"SE | 13.63                 | 305             | 289,427.054100  | 1,908,106.243200 |
| 305 - 306 | 55°59'40"SE | 26.44                 | 306             | 289,448.968300  | 1,908,091.458800 |
| 306 - 307 | 74°27'50"SE | 29.44                 | 307             | 289,477.328800  | 1,908,083.574500 |
| 307 - 308 | 69°33'36"SE | 30.04                 | 308             | 289,505.476600  | 1,908,073.084200 |
| 308 - 309 | 68°50'34"SE | 25.85                 | 309             | 289,529.588200  | 1,908,063.752700 |
| 309 - 310 | 69°20'40"SE | 28.08                 | 310             | 289,555.866300  | 1,908,053.846400 |
| 310 - 311 | 68°55'02"SE | 29.34                 | 311             | 289,583.243900  | 1,908,043.291800 |
| 311 - 312 | 67°26'02"SE | 27.71                 | 312             | 289,608.834400  | 1,908,032.657400 |
| 312 - 313 | 62°20'38"SE | 30.22                 | 313             | 289,635.600300  | 1,908,018.631200 |
| 313 - 314 | 63°28'40"SE | 16.47                 | 314             | 289,650.335300  | 1,908,011.277500 |
| 314 - 315 | 71°58'01"SE | 31.80                 | 315             | 289,680.574400  | 1,908,001.433000 |
| 315 - 316 | 70°06'33"SE | 30.57                 | 316             | 289,709.323700  | 1,907,991.031200 |
| 316 - 317 | 66°59'08"SE | 32.48                 | 317             | 289,739.219800  | 1,907,978.332200 |
| 317 - 318 | 65°54'39"SE | 33.17                 | 318             | 289,769.498500  | 1,907,964.794800 |
| 318 - 319 | 68°18'02"SE | 32.57                 | 319             | 289,799.756400  | 1,907,952.754200 |
| 319 - 320 | 62°41'21"SE | 31.58                 | 320             | 289,827.817900  | 1,907,938.263900 |
| 320 - 321 | 67°42'58"SE | 94.44                 | 321             | 289,915.201800  | 1,907,902.453900 |
| 321 - 322 | 66°15'41"SE | 32.90                 | 322             | 289,945.319600  | 1,907,889.209000 |
| 322 - 323 | 72°34'55"SE | 28.53                 | 323             | 289,972.540200  | 1,907,880.669200 |
| 323 - 324 | 66°53'45"SE | 29.40                 | 324             | 289,999.577600  | 1,907,869.134500 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 324 - 325 | 65°09'22"SE | 27.47                 | 325             | 290,024.508600  | 1,907,857.591700 |
| 325 - 326 | 63°16'42"SE | 19.95                 | 326             | 290,042.327200  | 1,907,848.621500 |
| 326 - 327 | 33°53'40"SE | 18.11                 | 327             | 290,052.428600  | 1,907,833.585900 |
| 327 - 328 | 63°42'58"SE | 26.56                 | 328             | 290,076.244800  | 1,907,821.823600 |
| 328 - 329 | 64°28'13"SE | 26.90                 | 329             | 290,100.519900  | 1,907,810.229600 |
| 329 - 330 | 65°49'41"SE | 29.58                 | 330             | 290,127.503700  | 1,907,798.118500 |
| 330 - 331 | 67°01'36"SE | 28.83                 | 331             | 290,154.043300  | 1,907,786.867700 |
| 331 - 332 | 65°15'00"SE | 29.36                 | 332             | 290,180.708600  | 1,907,774.574900 |
| 332 - 333 | 68°23'18"SE | 23.47                 | 333             | 290,202.525900  | 1,907,765.931700 |
| 333 - 334 | 63°40'02"SE | 30.93                 | 334             | 290,230.250000  | 1,907,752.210000 |
| 334 - 335 | 68°03'57"SE | 33.17                 | 335             | 290,261.023100  | 1,907,739.818100 |
| 335 - 336 | 65°07'39"SE | 35.14                 | 336             | 290,292.899900  | 1,907,725.040000 |
| 336 - 337 | 72°14'36"SE | 34.72                 | 337             | 290,325.969200  | 1,907,714.450200 |
| 337 - 338 | 66°44'48"SE | 72.71                 | 338             | 290,392.769600  | 1,907,685.746100 |
| 338 - 339 | 69°58'58"SE | 39.02                 | 339             | 290,429.431000  | 1,907,672.390000 |
| 339 - 340 | 71°35'49"SE | 36.57                 | 340             | 290,464.132100  | 1,907,660.844500 |
| 340 - 341 | 76°34'24"SE | 43.18                 | 341             | 290,506.135200  | 1,907,650.817300 |
| 341 - 342 | 70°00'43"SE | 44.39                 | 342             | 290,547.849600  | 1,907,635.644500 |
| 342 - 343 | 59°50'57"SE | 38.20                 | 343             | 290,580.880400  | 1,907,616.458100 |
| 343 - 344 | 78°02'20"SE | 35.61                 | 344             | 290,615.717600  | 1,907,609.078000 |
| 344 - 345 | 73°15'42"SE | 40.57                 | 345             | 290,654.565500  | 1,907,597.394800 |
| 345 - 346 | 79°50'56"SE | 40.55                 | 346             | 290,694.478600  | 1,907,590.248500 |
| 346 - 347 | 56°23'26"SE | 40.73                 | 347             | 290,728.398100  | 1,907,567.704400 |
| 347 - 348 | 53°11'08"SE | 20.14                 | 348             | 290,744.522400  | 1,907,555.635600 |
| 348 - 349 | 68°11'16"SE | 44.08                 | 349             | 290,785.446100  | 1,907,539.257200 |
| 349 - 350 | 58°29'08"SE | 42.15                 | 350             | 290,821.377900  | 1,907,517.225800 |
| 350 - 351 | 50°35'46"SE | 18.90                 | 351             | 290,835.982600  | 1,907,505.227800 |
| 351 - 352 | 67°34'50"SE | 37.97                 | 352             | 290,871.078900  | 1,907,490.748400 |
| 352 - 353 | 64°36'18"SE | 33.53                 | 353             | 290,901.369600  | 1,907,476.368600 |
| 353 - 354 | 62°55'00"SE | 43.52                 | 354             | 290,940.116600  | 1,907,456.555200 |
| 354 - 355 | 62°36'43"SE | 44.41                 | 355             | 290,979.551000  | 1,907,436.125000 |
| 355 - 356 | 79°05'41"SE | 10.49                 | 356             | 290,989.850400  | 1,907,434.140700 |
| 356 - 357 | 65°00'41"SE | 3.48                  | 357             | 290,993.006000  | 1,907,432.670000 |
| 357 - 358 | 53°06'47"SE | 10.12                 | 358             | 291,001.101000  | 1,907,426.595000 |
| 358 - 359 | 68°13'07"SE | 20.26                 | 359             | 291,019.911500  | 1,907,419.078500 |
| 359 - 360 | 63°57'48"SE | 10.69                 | 360             | 291,029.519000  | 1,907,414.385000 |
| 360 - 361 | 73°33'12"NE | 4.60                  | 361             | 291,033.933000  | 1,907,415.688000 |
| 361 - 362 | 83°42'25"NE | 10.56                 | 362             | 291,044.425000  | 1,907,416.845000 |
| 362 - 363 | 87°48'54"SE | 5.80                  | 363             | 291,050.218000  | 1,907,416.624000 |
| 363 - 364 | 79°29'35"SE | 10.49                 | 364             | 291,060.534000  | 1,907,414.710800 |
| 364 - 365 | 88°41'02"NE | 9.08                  | 365             | 291,069.610000  | 1,907,414.919300 |
| 365 - 366 | 75°37'26"SE | 8.69                  | 366             | 291,078.031500  | 1,907,412.760800 |
| 366 - 367 | 65°20'46"SE | 15.83                 | 367             | 291,092.422000  | 1,907,406.156000 |
| 367 - 368 | 59°32'43"SE | 16.32                 | 368             | 291,106.494000  | 1,907,397.882000 |
| 368 - 369 | 50°57'13"SE | 12.07                 | 369             | 291,115.865000  | 1,907,390.281000 |
| 369 - 370 | 39°17'37"SE | 16.30                 | 370             | 291,126.188000  | 1,907,377.666000 |
| 370 - 371 | 83°26'21"NE | 16.65                 | 371             | 291,142.726000  | 1,907,379.568000 |
| 371 - 372 | 84°40'19"SE | 13.43                 | 372             | 291,156.099300  | 1,907,378.320800 |
| 372 - 373 | 72°52'06"SE | 11.31                 | 373             | 291,166.905000  | 1,907,374.990000 |
| 373 - 374 | 64°11'17"SE | 11.35                 | 374             | 291,177.118500  | 1,907,370.050000 |
| 374 - 375 | 51°10'06"SE | 15.65                 | 375             | 291,189.306000  | 1,907,360.240000 |
| 375 - 376 | 80°17'32"NE | 4.50                  | 376             | 291,193.744000  | 1,907,360.999200 |
| 376 - 377 | 88°49'10"SE | 10.83                 | 377             | 291,204.576000  | 1,907,360.776000 |
| 377 - 378 | 69°49'32"SE | 13.11                 | 378             | 291,216.878000  | 1,907,356.256000 |
| 378 - 379 | 71°55'44"SE | 24.46                 | 379             | 291,240.129300  | 1,907,348.669300 |
| 379 - 380 | 64°06'09"SE | 10.56                 | 380             | 291,249.625000  | 1,907,344.059000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 380 - 381 | 57°33'00"SE | 8.22                  | 381             | 291,256.561500  | 1,907,339.648500 |
| 381 - 382 | 49°09'53"SE | 11.41                 | 382             | 291,265.195000  | 1,907,332.187000 |
| 382 - 383 | 59°28'02"SE | 25.65                 | 383             | 291,287.285800  | 1,907,319.157500 |
| 383 - 384 | 85°29'59"SE | 12.52                 | 384             | 291,299.769000  | 1,907,318.175000 |
| 384 - 385 | 87°02'55"SE | 13.75                 | 385             | 291,313.498500  | 1,907,317.467200 |
| 385 - 386 | 63°48'34"SE | 29.87                 | 386             | 291,340.298700  | 1,907,304.285400 |
| 386 - 387 | 64°26'58"SE | 31.72                 | 387             | 291,368.919400  | 1,907,290.603100 |
| 387 - 388 | 74°00'06"SE | 32.71                 | 388             | 291,400.358200  | 1,907,281.589300 |
| 388 - 389 | 65°49'43"SE | 31.92                 | 389             | 291,429.479700  | 1,907,268.519200 |
| 389 - 390 | 68°24'47"SE | 32.85                 | 390             | 291,460.026700  | 1,907,256.433000 |
| 390 - 391 | 76°17'51"SE | 14.40                 | 391             | 291,474.021600  | 1,907,253.020800 |
| 391 - 392 | 56°39'40"SE | 27.10                 | 392             | 291,496.662900  | 1,907,238.126300 |
| 392 - 393 | 72°43'08"SE | 32.29                 | 393             | 291,527.491700  | 1,907,228.535400 |
| 393 - 394 | 65°57'56"SE | 28.90                 | 394             | 291,553.888500  | 1,907,216.763900 |
| 394 - 395 | 71°18'12"SE | 28.82                 | 395             | 291,581.186200  | 1,907,207.526000 |
| 395 - 396 | 58°57'49"SE | 31.01                 | 396             | 291,607.759500  | 1,907,191.536300 |
| 396 - 397 | 64°46'45"SE | 32.64                 | 397             | 291,637.285300  | 1,907,177.629500 |
| 397 - 398 | 71°18'28"SE | 13.16                 | 398             | 291,649.748000  | 1,907,173.413000 |
| 398 - 399 | 64°42'35"SE | 12.18                 | 399             | 291,660.760000  | 1,907,168.210000 |
| 399 - 400 | 56°11'54"SE | 9.62                  | 400             | 291,668.754100  | 1,907,162.858100 |
| 400 - 401 | 70°53'34"SE | 24.10                 | 401             | 291,691.530100  | 1,907,154.968100 |
| 401 - 402 | 67°16'37"SE | 31.83                 | 402             | 291,720.888900  | 1,907,142.673200 |
| 402 - 403 | 70°20'48"SE | 34.10                 | 403             | 291,753.006100  | 1,907,131.203100 |
| 403 - 404 | 65°17'58"SE | 32.48                 | 404             | 291,782.518500  | 1,907,117.628600 |
| 404 - 405 | 60°32'48"SE | 32.20                 | 405             | 291,810.555500  | 1,907,101.796300 |
| 405 - 406 | 81°02'01"SE | 14.37                 | 406             | 291,824.748000  | 1,907,099.557000 |
| 406 - 407 | 72°09'05"SE | 9.21                  | 407             | 291,833.512000  | 1,907,096.735000 |
| 407 - 408 | 60°06'46"SE | 21.49                 | 408             | 291,852.140800  | 1,907,086.028500 |
| 408 - 409 | 64°21'43"SE | 26.26                 | 409             | 291,875.813100  | 1,907,074.667400 |
| 409 - 410 | 62°52'12"SE | 10.79                 | 410             | 291,885.418000  | 1,907,069.746000 |
| 410 - 411 | 76°45'02"SE | 6.35                  | 411             | 291,891.601800  | 1,907,068.290000 |
| 411 - 412 | 67°36'28"SE | 40.21                 | 412             | 291,928.778000  | 1,907,052.973000 |
| 412 - 413 | 58°23'46"SE | 19.11                 | 413             | 291,945.058000  | 1,907,042.956000 |
| 413 - 414 | 65°34'11"SE | 27.52                 | 414             | 291,970.112600  | 1,907,031.574900 |
| 414 - 415 | 87°03'14"SE | 10.78                 | 415             | 291,980.880000  | 1,907,031.020800 |
| 415 - 416 | 79°46'17"SE | 10.88                 | 416             | 291,991.586000  | 1,907,029.089000 |
| 416 - 417 | 67°38'50"SE | 16.60                 | 417             | 292,006.941000  | 1,907,022.775000 |
| 417 - 418 | 61°19'19"SE | 33.53                 | 418             | 292,036.362300  | 1,907,006.682100 |
| 418 - 419 | 68°38'23"SE | 33.64                 | 419             | 292,067.693900  | 1,906,994.428500 |
| 419 - 420 | 79°18'03"SE | 10.81                 | 420             | 292,078.314000  | 1,906,992.422000 |
| 420 - 421 | 63°38'05"SE | 12.44                 | 421             | 292,089.461000  | 1,906,986.897000 |
| 421 - 422 | 52°01'55"SE | 12.87                 | 422             | 292,099.606000  | 1,906,978.980000 |
| 422 - 423 | 64°48'31"SE | 27.73                 | 423             | 292,124.702500  | 1,906,967.175100 |
| 423 - 424 | 69°14'26"SE | 34.64                 | 424             | 292,157.089000  | 1,906,954.899000 |
| 424 - 425 | 69°29'49"SE | 33.57                 | 425             | 292,188.533200  | 1,906,943.140600 |
| 425 - 426 | 70°37'41"SE | 33.62                 | 426             | 292,220.249500  | 1,906,931.989000 |
| 426 - 427 | 68°06'50"SE | 33.36                 | 427             | 292,251.209500  | 1,906,919.551900 |
| 427 - 428 | 67°51'15"SE | 33.46                 | 428             | 292,282.198500  | 1,906,906.939700 |
| 428 - 429 | 59°13'32"SE | 25.82                 | 429             | 292,304.381700  | 1,906,893.729400 |
| 429 - 430 | 64°07'03"SE | 31.59                 | 430             | 292,332.800400  | 1,906,879.940800 |
| 430 - 431 | 65°18'11"SE | 20.66                 | 431             | 292,351.569700  | 1,906,871.309100 |
| 431 - 432 | 68°43'01"SE | 27.52                 | 432             | 292,377.210600  | 1,906,861.321000 |
| 432 - 433 | 70°29'53"SE | 29.49                 | 433             | 292,405.011400  | 1,906,851.475200 |
| 433 - 434 | 71°04'53"SE | 29.32                 | 434             | 292,432.747100  | 1,906,841.969100 |
| 434 - 435 | 69°50'51"SE | 31.40                 | 435             | 292,462.223400  | 1,906,831.151700 |
| 435 - 436 | 65°30'36"SE | 32.32                 | 436             | 292,491.638500  | 1,906,817.752800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 436 - 437 | 67°22'46"SE | 31.15                 | 437             | 292,520.391000  | 1,906,805.772200 |
| 437 - 438 | 65°45'04"SE | 29.95                 | 438             | 292,547.696600  | 1,906,793.472700 |
| 438 - 439 | 64°35'20"SE | 27.24                 | 439             | 292,572.296900  | 1,906,781.785800 |
| 439 - 440 | 67°48'14"SE | 29.32                 | 440             | 292,599.446000  | 1,906,770.708700 |
| 440 - 441 | 65°23'48"SE | 15.10                 | 441             | 292,613.174300  | 1,906,764.422500 |
| 441 - 442 | 78°52'58"SE | 25.66                 | 442             | 292,638.350800  | 1,906,759.475300 |
| 442 - 443 | 67°15'39"SE | 29.43                 | 443             | 292,665.489600  | 1,906,748.101200 |
| 443 - 444 | 67°00'01"SE | 32.49                 | 444             | 292,695.395500  | 1,906,735.407100 |
| 444 - 445 | 68°42'36"SE | 30.24                 | 445             | 292,723.569400  | 1,906,724.428300 |
| 445 - 446 | 65°19'53"SE | 32.86                 | 446             | 292,753.429500  | 1,906,710.714100 |
| 446 - 447 | 61°45'17"SE | 33.01                 | 447             | 292,782.506500  | 1,906,695.093600 |
| 447 - 448 | 65°28'08"SE | 30.56                 | 448             | 292,810.310400  | 1,906,682.404400 |
| 448 - 449 | 63°30'36"SE | 32.21                 | 449             | 292,839.140400  | 1,906,668.036700 |
| 449 - 450 | 66°52'15"SE | 33.36                 | 450             | 292,869.818700  | 1,906,654.933000 |
| 450 - 451 | 67°57'01"SE | 31.49                 | 451             | 292,899.010000  | 1,906,643.109600 |
| 451 - 452 | 68°56'08"SE | 29.96                 | 452             | 292,926.968700  | 1,906,632.341300 |
| 452 - 453 | 70°09'13"SE | 34.36                 | 453             | 292,959.292200  | 1,906,620.674600 |
| 453 - 454 | 55°29'41"SE | 32.82                 | 454             | 292,986.335900  | 1,906,602.084400 |
| 454 - 455 | 77°46'29"SE | 15.77                 | 455             | 293,001.746100  | 1,906,598.745500 |
| 455 - 456 | 59°49'39"SE | 31.19                 | 456             | 293,028.712900  | 1,906,583.067900 |
| 456 - 457 | 68°42'31"SE | 33.29                 | 457             | 293,059.728400  | 1,906,570.980900 |
| 457 - 458 | 66°14'38"SE | 33.92                 | 458             | 293,090.773200  | 1,906,557.317000 |
| 458 - 459 | 68°10'54"SE | 33.66                 | 459             | 293,122.021800  | 1,906,544.807000 |
| 459 - 460 | 64°24'17"SE | 30.34                 | 460             | 293,149.383400  | 1,906,531.700400 |
| 460 - 461 | 63°35'16"SE | 27.64                 | 461             | 293,174.139400  | 1,906,519.404900 |
| 461 - 462 | 64°54'09"SE | 30.35                 | 462             | 293,201.628300  | 1,906,506.529700 |
| 462 - 463 | 63°22'43"SE | 29.07                 | 463             | 293,227.612200  | 1,906,493.505800 |
| 463 - 464 | 69°44'59"SE | 15.67                 | 464             | 293,242.311300  | 1,906,488.083000 |
| 464 - 465 | 60°28'00"SE | 31.68                 | 465             | 293,269.879000  | 1,906,472.464800 |
| 465 - 466 | 71°19'43"SE | 15.27                 | 466             | 293,284.346500  | 1,906,467.575900 |
| 466 - 467 | 82°28'25"SE | 30.04                 | 467             | 293,314.125500  | 1,906,463.641600 |
| 467 - 468 | 68°39'31"SE | 34.37                 | 468             | 293,346.135000  | 1,906,451.135100 |
| 468 - 469 | 64°39'59"SE | 29.49                 | 469             | 293,372.786600  | 1,906,438.517900 |
| 469 - 470 | 65°58'00"SE | 31.86                 | 470             | 293,401.883200  | 1,906,425.543100 |
| 470 - 471 | 66°58'36"SE | 31.67                 | 471             | 293,431.026800  | 1,906,413.158500 |
| 471 - 472 | 64°37'24"SE | 33.63                 | 472             | 293,461.407400  | 1,906,398.747900 |
| 472 - 473 | 63°57'52"SE | 34.37                 | 473             | 293,492.287800  | 1,906,383.662800 |
| 473 - 474 | 68°35'22"SE | 28.53                 | 474             | 293,518.846000  | 1,906,373.249200 |
| 474 - 475 | 66°10'19"SE | 28.08                 | 475             | 293,544.535000  | 1,906,361.904000 |
| 475 - 476 | 67°46'06"SE | 27.57                 | 476             | 293,570.052200  | 1,906,351.474200 |
| 476 - 477 | 59°17'29"SE | 30.13                 | 477             | 293,595.953300  | 1,906,336.090100 |
| 477 - 478 | 53°46'59"SE | 14.63                 | 478             | 293,607.758600  | 1,906,327.444600 |
| 478 - 479 | 70°48'04"SE | 29.52                 | 479             | 293,635.634600  | 1,906,317.737800 |
| 479 - 480 | 69°56'54"SE | 27.75                 | 480             | 293,661.705900  | 1,906,308.222000 |
| 480 - 481 | 62°32'19"SE | 31.12                 | 481             | 293,689.318700  | 1,906,293.871400 |
| 481 - 482 | 69°55'01"SE | 33.22                 | 482             | 293,720.516800  | 1,906,282.465100 |
| 482 - 483 | 73°16'59"SE | 33.76                 | 483             | 293,752.849200  | 1,906,272.754500 |
| 483 - 484 | 62°37'40"SE | 26.93                 | 484             | 293,776.760600  | 1,906,260.374800 |
| 484 - 485 | 55°14'42"SE | 28.74                 | 485             | 293,800.375000  | 1,906,243.990000 |
| 485 - 486 | 74°41'53"SE | 28.79                 | 486             | 293,828.149100  | 1,906,236.390900 |
| 486 - 487 | 68°30'00"SE | 28.61                 | 487             | 293,854.769000  | 1,906,225.905100 |
| 487 - 488 | 62°32'39"SE | 30.10                 | 488             | 293,881.479100  | 1,906,212.027000 |
| 488 - 489 | 66°35'12"SE | 30.23                 | 489             | 293,909.221800  | 1,906,200.014000 |
| 489 - 490 | 65°50'12"SE | 30.68                 | 490             | 293,937.217700  | 1,906,187.453800 |
| 490 - 491 | 70°47'35"SE | 32.43                 | 491             | 293,967.847100  | 1,906,176.783500 |

| Est-PV                                                                                                                                                                    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------|-----------------|------------------|
|                                                                                                                                                                           |             |                       |                 | X               | Y                |
| 491 - 492                                                                                                                                                                 | 67°08'37"SE | 31.40                 | 492             | 293,996.785300  | 1,906,164.585500 |
| 492 - 493                                                                                                                                                                 | 68°23'10"SE | 32.25                 | 493             | 294,026.763500  | 1,906,152.708000 |
| 493 - 494                                                                                                                                                                 | 64°33'55"SE | 31.50                 | 494             | 294,055.213800  | 1,906,139.177800 |
| 494 - 495                                                                                                                                                                 | 64°51'47"SE | 28.37                 | 495             | 294,080.892600  | 1,906,127.128800 |
| 495 - 496                                                                                                                                                                 | 63°59'37"SE | 31.22                 | 496             | 294,108.950300  | 1,906,113.440300 |
| 496 - 497                                                                                                                                                                 | 62°48'51"SE | 59.76                 | 497             | 294,162.105400  | 1,906,086.139200 |
| 497 - 498                                                                                                                                                                 | 61°41'33"SE | 25.05                 | 498             | 294,184.159800  | 1,906,074.260500 |
| 498 - 499                                                                                                                                                                 | 72°45'31"SE | 28.93                 | 499             | 294,211.794100  | 1,906,065.684400 |
| 499 - 500                                                                                                                                                                 | 63°21'13"SE | 15.18                 | 500             | 294,225.363800  | 1,906,058.875500 |
| 500 - 501                                                                                                                                                                 | 42°04'16"SE | 12.86                 | 501             | 294,233.982500  | 1,906,049.327400 |
| 501 - 502                                                                                                                                                                 | 85°37'17"SE | 20.90                 | 502             | 294,254.822900  | 1,906,047.731700 |
| 502 - 503                                                                                                                                                                 | 60°07'06"SE | 22.29                 | 503             | 294,274.149200  | 1,906,036.626900 |
| 503 - 504                                                                                                                                                                 | 72°15'47"SE | 23.49                 | 504             | 294,296.526900  | 1,906,029.469400 |
| 504 - 505                                                                                                                                                                 | 56°17'50"SE | 22.33                 | 505             | 294,315.100900  | 1,906,017.080900 |
| 505 - 506                                                                                                                                                                 | 69°51'34"SE | 23.02                 | 506             | 294,336.715000  | 1,906,009.154000 |
| 506 - 507                                                                                                                                                                 | 79°15'54"SE | 18.05                 | 507             | 294,354.450000  | 1,906,005.791800 |
| 507 - 508                                                                                                                                                                 | 71°18'12"SE | 13.19                 | 508             | 294,366.940000  | 1,906,001.565000 |
| 508 - 509                                                                                                                                                                 | 59°59'59"SE | 15.31                 | 509             | 294,380.201500  | 1,905,993.908400 |
| 509 - 510                                                                                                                                                                 | 47°27'35"SE | 21.92                 | 510             | 294,396.350800  | 1,905,979.089400 |
| 510 - 511                                                                                                                                                                 | 83°49'22"SE | 25.22                 | 511             | 294,421.422000  | 1,905,976.376000 |
| 511 - 512                                                                                                                                                                 | 73°13'34"SE | 24.27                 | 512             | 294,444.656900  | 1,905,969.372600 |
| 512 - 513                                                                                                                                                                 | 61°47'11"SE | 12.41                 | 513             | 294,455.590000  | 1,905,963.507000 |
| 513 - 514                                                                                                                                                                 | 53°08'24"SE | 4.54                  | 514             | 294,459.226000  | 1,905,960.781000 |
| 514 - 515                                                                                                                                                                 | 49°58'59"SE | 20.33                 | 515             | 294,474.799300  | 1,905,947.705600 |
| 515 - 516                                                                                                                                                                 | 65°49'58"SE | 11.25                 | 516             | 294,485.061700  | 1,905,943.100600 |
| 516 - 517                                                                                                                                                                 | 82°18'05"SE | 18.83                 | 517             | 294,503.719300  | 1,905,940.578500 |
| 517 - 518                                                                                                                                                                 | 72°44'56"SE | 14.49                 | 518             | 294,517.562200  | 1,905,936.279900 |
| 518 - 519                                                                                                                                                                 | 64°12'19"SE | 10.55                 | 519             | 294,527.060800  | 1,905,931.689200 |
| 519 - 520                                                                                                                                                                 | 56°32'01"SE | 13.22                 | 520             | 294,538.090000  | 1,905,924.398500 |
| 520 - 521                                                                                                                                                                 | 59°40'31"SE | 28.89                 | 521             | 294,563.030200  | 1,905,909.810300 |
| 521 - 522                                                                                                                                                                 | 69°07'26"SE | 22.18                 | 522             | 294,583.753000  | 1,905,901.907000 |
| 522 - 523                                                                                                                                                                 | 74°14'32"SE | 15.46                 | 523             | 294,598.629200  | 1,905,897.709300 |
| 523 - 524                                                                                                                                                                 | 65°13'05"SE | 28.07                 | 524             | 294,624.110600  | 1,905,885.945000 |
| 524 - 525                                                                                                                                                                 | 72°59'32"SE | 35.06                 | 525             | 294,657.639800  | 1,905,875.689200 |
| 525 - 526                                                                                                                                                                 | 69°44'52"SE | 34.70                 | 526             | 294,690.196300  | 1,905,863.677200 |
| 526 - 527                                                                                                                                                                 | 64°37'49"SE | 29.29                 | 527             | 294,716.658300  | 1,905,851.129400 |
| 527 - 528                                                                                                                                                                 | 68°56'55"SE | 25.51                 | 528             | 294,740.463100  | 1,905,841.967100 |
| 528 - 529                                                                                                                                                                 | 67°22'55"SE | 27.25                 | 529             | 294,765.614100  | 1,905,831.488500 |
| 529 - 530                                                                                                                                                                 | 70°44'59"SE | 27.89                 | 530             | 294,791.943700  | 1,905,822.293700 |
| 530 - 531                                                                                                                                                                 | 69°58'25"SE | 30.56                 | 531             | 294,820.655300  | 1,905,811.828600 |
| 531 - 532                                                                                                                                                                 | 74°28'32"SE | 30.07                 | 532             | 294,849.631800  | 1,905,803.779400 |
| 532 - 533                                                                                                                                                                 | 77°25'36"SE | 32.04                 | 533             | 294,880.903300  | 1,905,796.804800 |
| 533 - 534                                                                                                                                                                 | 78°01'43"SE | 17.14                 | 534             | 294,897.674400  | 1,905,793.248800 |
| 534 - 535                                                                                                                                                                 | 11°23'57"SW | 73.51                 | 535             | 294,883.145300  | 1,905,721.187900 |
| A partir de este vértice 535 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 14,445.67 metros hasta llegar al vértice 536. |             |                       |                 |                 |                  |
|                                                                                                                                                                           |             |                       | 536             | 282,116.319200  | 1,910,672.833200 |
| 536 - 537                                                                                                                                                                 | 15°56'44"NW | 7.98                  | 537             | 282,114.125900  | 1,910,680.509600 |
| 537 - 538                                                                                                                                                                 | 26°33'50"NE | 12.26                 | 538             | 282,119.608800  | 1,910,691.475900 |
| 538 - 539                                                                                                                                                                 | 63°26'09"NE | 19.62                 | 539             | 282,137.155200  | 1,910,700.248700 |
| 539 - 540                                                                                                                                                                 | 39°17'18"NE | 15.59                 | 540             | 282,147.024700  | 1,910,712.311800 |
| 540 - 541                                                                                                                                                                 | 65°13'32"NE | 15.70                 | 541             | 282,161.280600  | 1,910,718.891200 |
| 541 - 542                                                                                                                                                                 | 40°13'40"NE | 42.41                 | 542             | 282,188.669300  | 1,910,751.269200 |
| 542 - 543                                                                                                                                                                 | 51°26'50"NE | 16.01                 | 543             | 282,201.186400  | 1,910,761.244500 |
| 543 - 1                                                                                                                                                                   | 41°25'25"NE | 18.00                 | 1               |                 |                  |

**Zona de Amortiguamiento**  
**“Oeste-CETMAR”**  
**(Superficie 57-50-33.40 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 1 - 2   | 80°32'15"NE | 43.45                 | 1               | 282,213.092700  | 1,910,774.738300 |
| 2 - 3   | 56°46'15"SE | 27.12                 | 2               | 282,255.955300  | 1,910,781.882100 |
| 3 - 4   | 79°52'44"SE | 220.42                | 3               | 282,278.636800  | 1,910,767.023300 |
| 4 - 5   | 11°27'24"NE | 83.35                 | 4               | 282,495.624400  | 1,910,728.290100 |
| 5 - 6   | 84°57'26"SE | 13.23                 | 5               | 282,512.179700  | 1,910,809.978000 |
| 6 - 7   | 83°09'25"NE | 27.61                 | 6               | 282,525.361000  | 1,910,808.814900 |
| 7 - 8   | 48°21'59"NE | 26.41                 | 7               | 282,552.776700  | 1,910,812.104800 |
| 8 - 9   | 82°24'19"SE | 16.59                 | 8               | 282,572.516000  | 1,910,829.650800 |
| 9 - 10  | 82°24'19"SE | 16.59                 | 9               | 282,588.965400  | 1,910,827.457600 |
| 10 - 11 | 76°25'44"SE | 32.72                 | 10              | 282,620.768200  | 1,910,819.780800 |
| 11 - 12 | 66°34'17"SE | 35.85                 | 11              | 282,653.666400  | 1,910,805.525000 |
| 12 - 13 | 79°22'49"SE | 35.70                 | 12              | 282,688.758400  | 1,910,798.945300 |
| 13 - 14 | 88°09'08"SE | 34.01                 | 13              | 282,722.753800  | 1,910,797.848600 |
| 14 - 15 | 66°02'15"SE | 21.60                 | 14              | 282,742.493100  | 1,910,789.075600 |
| 15 - 16 | 27°33'10"SE | 28.45                 | 15              | 282,755.652700  | 1,910,763.853200 |
| 16 - 17 | 78°18'37"SE | 32.48                 | 16              | 282,787.454800  | 1,910,757.273400 |
| 17 - 18 | 81°52'11"SE | 31.02                 | 17              | 282,818.160400  | 1,910,752.886900 |
| 18 - 19 | 79°59'32"SE | 18.93                 | 18              | 282,836.803100  | 1,910,749.597100 |
| 19 - 20 | 68°33'09"NE | 32.99                 | 19              | 282,867.509000  | 1,910,761.659900 |
| 20 - 21 | 79°12'55"NE | 23.44                 | 20              | 282,890.537800  | 1,910,766.046500 |
| 21 - 22 | 90°00'00"NE | 23.03                 | 21              | 282,913.566900  | 1,910,766.046500 |
| 22 - 23 | 82°14'06"NE | 24.35                 | 22              | 282,937.692700  | 1,910,769.336300 |
| 23 - 24 | 56°18'33"SE | 19.77                 | 23              | 282,954.141500  | 1,910,758.370200 |
| 24 - 25 | 47°29'24"SE | 35.70                 | 24              | 282,980.461200  | 1,910,734.244300 |
| 25 - 26 | 80°08'05"NE | 25.60                 | 25              | 283,005.683600  | 1,910,738.630500 |
| 26 - 27 | 87°12'27"SE | 45.02                 | 26              | 283,050.645300  | 1,910,736.437500 |
| 27 - 28 | 73°24'45"SE | 53.78                 | 27              | 283,102.186800  | 1,910,721.084800 |
| 28 - 29 | 55°55'21"SE | 45.02                 | 28              | 283,139.472100  | 1,910,695.862300 |
| 29 - 30 | 54°27'46"SE | 37.73                 | 29              | 283,170.178200  | 1,910,673.929900 |
| 30 - 31 | 17°49'04"SE | 32.25                 | 30              | 283,180.047300  | 1,910,643.224200 |
| 31 - 32 | 09°46'54"SE | 32.27                 | 31              | 283,185.530100  | 1,910,611.421600 |
| 32 - 33 | 46°28'10"SW | 30.25                 | 32              | 283,163.600700  | 1,910,590.589300 |
| 33 - 34 | 65°53'53"SW | 22.60                 | 33              | 283,142.971900  | 1,910,581.360800 |
| 34 - 35 | 81°14'57"SE | 7.80                  | 34              | 283,150.682000  | 1,910,580.174000 |
| 35 - 36 | 60°00'10"SE | 6.95                  | 35              | 283,156.698300  | 1,910,576.700900 |
| 36 - 37 | 49°14'30"SE | 10.92                 | 36              | 283,164.970000  | 1,910,569.571500 |
| 37 - 38 | 84°49'52"SE | 11.27                 | 37              | 283,176.196000  | 1,910,568.556000 |
| 38 - 39 | 70°00'01"SE | 4.47                  | 38              | 283,180.397000  | 1,910,567.027000 |
| 39 - 40 | 88°06'43"SE | 17.21                 | 39              | 283,197.593300  | 1,910,566.460200 |
| 40 - 41 | 82°14'06"SE | 24.35                 | 40              | 283,221.719300  | 1,910,563.170400 |
| 41 - 42 | 81°28'08"SE | 22.18                 | 41              | 283,243.651200  | 1,910,559.880500 |
| 42 - 43 | 88°05'16"SE | 30.14                 | 42              | 283,273.772100  | 1,910,558.874900 |
| 43 - 44 | 85°57'55"SE | 32.47                 | 43              | 283,306.159500  | 1,910,556.590500 |
| 44 - 45 | 62°21'20"SE | 26.00                 | 44              | 283,329.188900  | 1,910,544.528400 |
| 45 - 46 | 87°03'48"SE | 42.82                 | 45              | 283,371.957000  | 1,910,542.334600 |
| 46 - 47 | 81°15'13"SE | 14.42                 | 46              | 283,386.213100  | 1,910,540.141300 |
| 47 - 48 | 49°50'39"SE | 45.91                 | 47              | 283,421.305400  | 1,910,510.532400 |
| 48 - 49 | 86°49'12"SE | 19.77                 | 48              | 283,441.044500  | 1,910,509.435800 |
| 49 - 50 | 62°19'58"SE | 35.56                 | 49              | 283,472.541100  | 1,910,492.922700 |
| 50 - 51 | 67°00'40"SE | 37.94                 | 50              | 283,507.466200  | 1,910,478.106000 |
| 51 - 52 | 76°40'31"SE | 41.33                 | 51              | 283,547.682900  | 1,910,468.581000 |
| 52 - 53 | 60°01'06"SE | 31.77                 | 52              | 283,575.199700  | 1,910,452.706000 |
| 53 - 54 | 58°44'10"SE | 34.67                 | 53              | 283,604.833100  | 1,910,434.714200 |
| 54 - 55 | 81°34'21"SE | 28.89                 | 54              | 283,633.408600  | 1,910,430.480600 |
| 55 - 56 | 57°32'27"SE | 30.65                 | 55              | 283,659.273100  | 1,910,414.029100 |
| 56 - 57 | 62°21'15"SE | 26.00                 | 56              | 283,682.302400  | 1,910,401.966300 |
| 57 - 58 | 70°01'00"SE | 25.67                 | 57              | 283,706.428200  | 1,910,393.193300 |
| 58 - 59 | 88°40'04"SE | 47.17                 | 58              | 283,753.583100  | 1,910,392.096700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 58 - 59   | 80°32'16"SE | 20.01                 | 59              | 283,773.322500  | 1,910,388.806900 |
| 59 - 60   | 45°00'00"SE | 27.92                 | 60              | 283,793.061800  | 1,910,369.067700 |
| 60 - 61   | 50°11'39"SE | 25.69                 | 61              | 283,812.800600  | 1,910,352.618600 |
| 61 - 62   | 70°33'34"SE | 19.77                 | 62              | 283,831.443700  | 1,910,346.038500 |
| 62 - 63   | 81°34'22"SE | 29.93                 | 63              | 283,861.052600  | 1,910,341.651900 |
| 63 - 64   | 48°34'35"SE | 24.86                 | 64              | 283,879.695300  | 1,910,325.202600 |
| 64 - 65   | 59°25'13"SE | 28.02                 | 65              | 283,903.821000  | 1,910,310.946300 |
| 65 - 66   | 64°49'07"SE | 96.44                 | 66              | 283,991.096300  | 1,910,269.912300 |
| 66 - 67   | 63°18'52"SE | 176.66                | 67              | 284,148.938000  | 1,910,190.576500 |
| 67 - 68   | 61°28'43"SE | 70.74                 | 68              | 284,211.096200  | 1,910,156.797400 |
| 68 - 69   | 64°14'08"SE | 140.34                | 69              | 284,337.483500  | 1,910,095.796500 |
| 69 - 70   | 71°08'47"SE | 162.98                | 70              | 284,491.718400  | 1,910,043.130100 |
| 70 - 71   | 54°36'18"SE | 49.33                 | 71              | 284,531.934900  | 1,910,014.555100 |
| 71 - 72   | 69°26'38"SE | 36.17                 | 72              | 284,565.801700  | 1,910,001.855100 |
| 72 - 73   | 60°01'06"SE | 31.77                 | 73              | 284,593.318800  | 1,909,985.980000 |
| 73 - 74   | 66°34'14"SE | 34.60                 | 74              | 284,625.068900  | 1,909,972.221300 |
| 74 - 75   | 86°03'19"SE | 30.76                 | 75              | 284,655.760200  | 1,909,970.105000 |
| 75 - 76   | 78°06'36"SE | 20.55                 | 76              | 284,675.868900  | 1,909,965.871100 |
| 76 - 77   | 59°02'04"SE | 12.34                 | 77              | 284,686.451400  | 1,909,959.521200 |
| 77 - 78   | 39°05'46"SE | 21.82                 | 78              | 284,700.210200  | 1,909,942.588700 |
| 78 - 79   | 31°19'41"SE | 28.50                 | 79              | 284,715.026900  | 1,909,918.246600 |
| 79 - 80   | 68°44'57"SE | 20.44                 | 80              | 284,734.077000  | 1,909,910.838200 |
| 80 - 81   | 65°05'42"SE | 32.67                 | 81              | 284,763.710300  | 1,909,897.079900 |
| 81 - 82   | 64°13'50"SE | 34.08                 | 82              | 284,794.402100  | 1,909,882.263100 |
| 82 - 83   | 54°14'46"SE | 32.60                 | 83              | 284,820.860500  | 1,909,863.213100 |
| 83 - 84   | 73°08'30"SE | 36.49                 | 84              | 284,855.785600  | 1,909,852.629800 |
| 84 - 85   | 64°39'15"SE | 22.25                 | 85              | 284,875.894100  | 1,909,843.104900 |
| 85 - 86   | 42°42'32"SE | 37.45                 | 86              | 284,901.294000  | 1,909,815.588000 |
| 86 - 87   | 86°59'12"SE | 20.14                 | 87              | 284,921.401700  | 1,909,814.529600 |
| 87 - 88   | 57°59'44"SE | 19.97                 | 88              | 284,938.335700  | 1,909,803.946300 |
| 88 - 89   | 49°45'49"SE | 18.02                 | 89              | 284,952.094100  | 1,909,792.304600 |
| 89 - 90   | 58°44'08"SE | 34.67                 | 90              | 284,981.727300  | 1,909,774.312700 |
| 90 - 91   | 69°08'47"SE | 23.78                 | 91              | 285,003.952600  | 1,909,765.846400 |
| 91 - 92   | 48°39'07"SE | 35.24                 | 92              | 285,030.410900  | 1,909,742.562900 |
| 92 - 93   | 78°41'25"SE | 21.59                 | 93              | 285,051.578300  | 1,909,738.329600 |
| 93 - 94   | 61°23'18"SE | 13.26                 | 94              | 285,063.219500  | 1,909,731.979600 |
| 94 - 95   | 56°58'35"SE | 25.25                 | 95              | 285,084.386200  | 1,909,718.221400 |
| 95 - 96   | 67°31'11"SE | 33.22                 | 96              | 285,115.078300  | 1,909,705.520800 |
| 96 - 97   | 57°59'40"SE | 39.94                 | 97              | 285,148.944500  | 1,909,684.354400 |
| 97 - 98   | 66°48'05"SE | 16.12                 | 98              | 285,163.761200  | 1,909,678.004400 |
| 98 - 99   | 64°17'23"SE | 31.71                 | 99              | 285,192.336200  | 1,909,664.246000 |
| 99 - 100  | 62°10'33"SE | 43.08                 | 100             | 285,230.436300  | 1,909,644.137700 |
| 100 - 101 | 56°43'30"SE | 40.51                 | 101             | 285,264.303000  | 1,909,621.912600 |
| 101 - 102 | 78°18'38"SE | 31.34                 | 102             | 285,294.994800  | 1,909,615.562600 |
| 102 - 103 | 62°42'00"SE | 36.92                 | 103             | 285,327.800300  | 1,909,598.630600 |
| 103 - 104 | 57°31'45"SE | 27.60                 | 104             | 285,351.086600  | 1,909,583.812400 |
| 104 - 105 | 34°30'36"SE | 20.55                 | 105             | 285,362.728700  | 1,909,566.879400 |
| 105 - 106 | 67°14'54"SE | 35.58                 | 106             | 285,395.536700  | 1,909,553.120900 |
| 106 - 107 | 54°05'24"SE | 37.89                 | 107             | 285,426.228400  | 1,909,530.895800 |
| 107 - 108 | 58°17'52"SE | 42.29                 | 108             | 285,462.211300  | 1,909,508.670500 |
| 108 - 109 | 58°34'17"SE | 22.33                 | 109             | 285,481.261400  | 1,909,497.029300 |
| 109 - 110 | 62°35'31"SE | 32.19                 | 110             | 285,509.836800  | 1,909,482.212200 |
| 110 - 111 | 78°01'26"SE | 35.70                 | 111             | 285,544.761900  | 1,909,474.804000 |
| 111 - 112 | 67°53'25"SE | 36.55                 | 112             | 285,578.628700  | 1,909,461.045600 |
| 112 - 113 | 63°26'05"SE | 35.50                 | 113             | 285,610.379000  | 1,909,445.170400 |
| 113 - 114 | 47°12'09"SE | 38.94                 | 114             | 285,638.953800  | 1,909,418.712200 |
| 114 - 115 | 46°00'18"SE | 42.66                 | 115             | 285,669.645500  | 1,909,389.078800 |
| 115 - 116 | 62°14'32"SE | 22.72                 | 116             | 285,689.754100  | 1,909,378.495700 |
| 116 - 117 | 51°20'18"SE | 27.11                 | 117             | 285,710.920500  | 1,909,361.561600 |
| 117 - 118 | 59°02'13"SE | 30.86                 | 118             | 285,737.379000  | 1,909,345.687100 |
| 118 - 119 | 40°36'06"SE | 19.51                 | 119             | 285,750.079300  | 1,909,330.870300 |
| 119 - 120 | 54°46'54"SE | 22.02                 | 120             | 285,768.070600  | 1,909,318.170300 |
| 120 - 121 | 49°14'11"SE | 40.52                 | 121             | 285,798.762400  | 1,909,291.712000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 121 - 122 | 49°53'57"SE | 26.29                 | 122             | 285,818.870700  | 1,909,274.778800 |
| 122 - 123 | 40°35'58"SE | 19.52                 | 123             | 285,831.570600  | 1,909,259.961400 |
| 123 - 124 | 57°59'43"SE | 19.96                 | 124             | 285,848.500400  | 1,909,249.380600 |
| 124 - 125 | 59°02'13"SE | 24.69                 | 125             | 285,869.670700  | 1,909,236.678900 |
| 125 - 126 | 49°23'53"SE | 19.52                 | 126             | 285,884.487600  | 1,909,223.978500 |
| 126 - 127 | 30°57'48"SE | 12.34                 | 127             | 285,890.837600  | 1,909,213.395100 |
| 127 - 128 | 55°18'17"SE | 16.73                 | 128             | 285,904.596000  | 1,909,203.870100 |
| 128 - 129 | 58°40'16"SE | 28.50                 | 129             | 285,928.937700  | 1,909,189.053400 |
| 129 - 130 | 30°57'58"SE | 12.34                 | 130             | 285,935.288300  | 1,909,178.470100 |
| 130 - 131 | 49°23'48"SE | 9.76                  | 131             | 285,942.696100  | 1,909,172.120100 |
| 131 - 132 | 48°28'05"SE | 49.48                 | 132             | 285,979.738400  | 1,909,139.311300 |
| 132 - 133 | 51°15'02"SE | 26.73                 | 133             | 286,000.587000  | 1,909,122.579000 |
| 133 - 134 | 58°25'56"SE | 9.31                  | 134             | 286,008.518000  | 1,909,117.706000 |
| 134 - 135 | 40°48'16"SE | 6.39                  | 135             | 286,012.693000  | 1,909,112.870000 |
| 135 - 136 | 27°36'55"SE | 9.03                  | 136             | 286,016.877000  | 1,909,104.872000 |
| 136 - 137 | 12°37'57"SE | 9.51                  | 137             | 286,018.956000  | 1,909,095.596000 |
| 137 - 138 | 01°24'22"SE | 8.31                  | 138             | 286,019.159900  | 1,909,087.290000 |
| 138 - 139 | 15°29'55"SE | 11.64                 | 139             | 286,022.270800  | 1,909,076.071500 |
| 139 - 140 | 19°01'18"SE | 6.77                  | 140             | 286,024.476000  | 1,909,069.675000 |
| 140 - 141 | 20°44'42"SE | 8.15                  | 141             | 286,027.362900  | 1,909,062.053200 |
| 141 - 142 | 40°24'09"SE | 3.65                  | 142             | 286,029.731800  | 1,909,059.270000 |
| 142 - 143 | 43°44'48"SE | 8.37                  | 143             | 286,035.517000  | 1,909,053.226000 |
| 143 - 144 | 31°10'57"SE | 11.35                 | 144             | 286,041.396000  | 1,909,043.512000 |
| 144 - 145 | 19°00'53"SE | 5.40                  | 145             | 286,043.157000  | 1,909,038.402000 |
| 145 - 146 | 11°14'16"SE | 15.66                 | 146             | 286,046.209300  | 1,909,023.040000 |
| 146 - 147 | 00°00'00"SE | 6.95                  | 147             | 286,046.209300  | 1,909,016.094000 |
| 147 - 148 | 10°32'04"SW | 9.20                  | 148             | 286,044.528000  | 1,909,007.053000 |
| 148 - 149 | 03°29'55"SE | 13.93                 | 149             | 286,045.378200  | 1,908,993.147000 |
| 149 - 150 | 13°12'58"SW | 9.29                  | 150             | 286,043.254000  | 1,908,984.102000 |
| 150 - 151 | 03°49'15"SW | 6.33                  | 151             | 286,042.831900  | 1,908,977.781800 |
| 151 - 152 | 08°07'40"SE | 3.91                  | 152             | 286,043.384000  | 1,908,973.916000 |
| 152 - 153 | 03°00'26"SW | 6.10                  | 153             | 286,043.064000  | 1,908,967.825000 |
| 153 - 154 | 16°18'04"SW | 12.31                 | 154             | 286,039.609400  | 1,908,956.012200 |
| 154 - 155 | 05°07'54"SW | 6.36                  | 155             | 286,039.040800  | 1,908,949.680800 |
| 155 - 156 | 45°22'45"SE | 16.31                 | 156             | 286,050.646300  | 1,908,938.227900 |
| 156 - 157 | 60°56'42"SE | 10.90                 | 157             | 286,060.171300  | 1,908,932.936200 |
| 157 - 158 | 71°33'51"NE | 16.73                 | 158             | 286,076.046300  | 1,908,938.228100 |
| 158 - 159 | 82°24'14"SE | 16.02                 | 159             | 286,091.921000  | 1,908,936.111100 |
| 159 - 160 | 29°03'23"SE | 10.90                 | 160             | 286,097.213000  | 1,908,926.586200 |
| 160 - 161 | 75°22'38"SE | 15.72                 | 161             | 286,112.427600  | 1,908,922.616700 |
| 161 - 162 | 62°21'14"SE | 26.00                 | 162             | 286,135.456700  | 1,908,910.553800 |
| 162 - 163 | 79°59'31"SE | 18.93                 | 163             | 286,154.099400  | 1,908,907.263900 |
| 163 - 164 | 50°31'36"SE | 24.15                 | 164             | 286,172.741800  | 1,908,891.911000 |
| 164 - 165 | 45°00'09"SE | 6.20                  | 165             | 286,177.128600  | 1,908,887.524600 |
| 165 - 166 | 48°21'59"SE | 13.21                 | 166             | 286,186.998700  | 1,908,878.751200 |
| 166 - 167 | 54°09'44"SE | 24.35                 | 167             | 286,206.737500  | 1,908,864.495400 |
| 167 - 168 | 62°26'49"SE | 28.45                 | 168             | 286,231.959900  | 1,908,851.335900 |
| 168 - 169 | 83°09'25"SE | 27.61                 | 169             | 286,259.375600  | 1,908,848.046000 |
| 169 - 170 | 90°00'00"NE | 2.19                  | 170             | 286,261.568800  | 1,908,848.046000 |
| 170 - 171 | 65°33'22"SE | 26.50                 | 171             | 286,285.694600  | 1,908,837.079800 |
| 171 - 172 | 87°23'50"SE | 24.15                 | 172             | 286,309.820400  | 1,908,835.983100 |
| 172 - 173 | 68°44'58"SE | 21.18                 | 173             | 286,329.559700  | 1,908,828.306700 |
| 173 - 174 | 75°22'45"SE | 26.07                 | 174             | 286,354.782100  | 1,908,821.727000 |
| 174 - 175 | 67°37'11"SE | 20.16                 | 175             | 286,373.424800  | 1,908,814.050600 |
| 175 - 176 | 53°07'46"SE | 21.93                 | 176             | 286,390.970700  | 1,908,800.890900 |
| 176 - 177 | 31°36'30"SE | 16.74                 | 177             | 286,399.743900  | 1,908,786.635000 |
| 177 - 178 | 40°14'09"SE | 18.67                 | 178             | 286,411.806700  | 1,908,772.378800 |
| 178 - 179 | 28°36'38"SE | 13.74                 | 179             | 286,418.386500  | 1,908,760.315900 |
| 179 - 180 | 00°00'00"SE | 1.10                  | 180             | 286,418.386500  | 1,908,759.219200 |
| 180 - 181 | 86°59'13"NE | 20.86                 | 181             | 286,439.222400  | 1,908,760.315900 |
| 181 - 182 | 79°06'51"SE | 29.03                 | 182             | 286,467.734700  | 1,908,754.832700 |
| 182 - 183 | 75°04'07"SE | 17.02                 | 183             | 286,484.181400  | 1,908,750.447000 |
| 183 - 184 | 23°58'26"SE | 10.80                 | 184             | 286,488.570600  | 1,908,740.576600 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 184 - 185 | 83°39'34"SE | 19.86                 | 185             | 286,508.309900  | 1,908,738.383300 |
| 185 - 186 | 90°00'00"NE | 18.64                 | 186             | 286,526.952500  | 1,908,738.383300 |
| 186 - 187 | 64°47'56"SE | 20.60                 | 187             | 286,545.595200  | 1,908,729.610300 |
| 187 - 188 | 39°17'21"SE | 15.59                 | 188             | 286,555.464800  | 1,908,717.547400 |
| 188 - 189 | 32°28'16"SE | 14.30                 | 189             | 286,563.141200  | 1,908,705.484500 |
| 189 - 190 | 75°14'44"SE | 7.80                  | 190             | 286,570.679200  | 1,908,703.499300 |
| 190 - 191 | 64°57'37"SE | 9.29                  | 191             | 286,579.099000  | 1,908,699.566000 |
| 191 - 192 | 47°44'56"SE | 15.75                 | 192             | 286,590.754000  | 1,908,688.979000 |
| 192 - 193 | 36°30'56"SE | 6.18                  | 193             | 286,594.430000  | 1,908,684.014000 |
| 193 - 194 | 27°37'40"SE | 19.31                 | 194             | 286,603.385000  | 1,908,666.905000 |
| 194 - 195 | 23°32'21"SE | 23.91                 | 195             | 286,612.934000  | 1,908,644.985000 |
| 195 - 196 | 16°20'39"SE | 11.35                 | 196             | 286,616.128200  | 1,908,634.093000 |
| 196 - 197 | 08°30'30"SE | 8.32                  | 197             | 286,617.358600  | 1,908,625.868400 |
| 197 - 198 | 68°57'53"NE | 62.83                 | 198             | 286,676.000000  | 1,908,648.420000 |
| 198 - 199 | 78°17'27"NE | 3.72                  | 199             | 286,679.638000  | 1,908,649.174000 |
| 199 - 200 | 85°07'48"SE | 11.17                 | 200             | 286,690.765000  | 1,908,648.226000 |
| 200 - 201 | 72°43'33"SE | 8.85                  | 201             | 286,699.216000  | 1,908,645.598000 |
| 201 - 202 | 55°03'19"NE | 8.72                  | 202             | 286,706.360000  | 1,908,650.590000 |
| 202 - 203 | 65°59'10"NE | 16.91                 | 203             | 286,721.805000  | 1,908,657.471000 |
| 203 - 204 | 61°02'38"NE | 6.59                  | 204             | 286,727.574000  | 1,908,660.663000 |
| 204 - 205 | 53°06'58"NE | 8.21                  | 205             | 286,734.140000  | 1,908,665.590000 |
| 205 - 206 | 39°10'58"NE | 23.63                 | 206             | 286,749.069000  | 1,908,683.906000 |
| 206 - 207 | 46°28'32"NE | 31.85                 | 207             | 286,772.164000  | 1,908,705.841000 |
| 207 - 208 | 42°16'25"NE | 22.92                 | 208             | 286,787.584000  | 1,908,722.803000 |
| 208 - 209 | 50°41'34"NE | 41.74                 | 209             | 286,819.884000  | 1,908,749.247000 |
| 209 - 210 | 58°59'28"NE | 23.38                 | 210             | 286,839.920000  | 1,908,761.290000 |
| 210 - 211 | 65°36'36"NE | 47.22                 | 211             | 286,882.927600  | 1,908,780.790000 |
| 211 - 212 | 72°28'22"NE | 23.06                 | 212             | 286,904.915000  | 1,908,787.734000 |
| 212 - 213 | 80°09'25"NE | 26.60                 | 213             | 286,931.126000  | 1,908,792.281600 |
| 213 - 214 | 85°23'39"NE | 27.99                 | 214             | 286,959.027200  | 1,908,794.529300 |
| 214 - 215 | 83°19'47"NE | 31.46                 | 215             | 286,990.269700  | 1,908,798.182900 |
| 215 - 216 | 84°12'23"NE | 31.57                 | 216             | 287,021.678700  | 1,908,801.369700 |
| 216 - 217 | 89°56'05"NE | 29.24                 | 217             | 287,050.920800  | 1,908,801.402900 |
| 217 - 218 | 89°00'20"SE | 30.35                 | 218             | 287,081.267600  | 1,908,800.876200 |
| 218 - 219 | 72°57'16"SE | 32.01                 | 219             | 287,111.872600  | 1,908,791.492800 |
| 219 - 220 | 86°16'05"SE | 30.08                 | 220             | 287,141.892600  | 1,908,789.534800 |
| 220 - 221 | 81°27'27"SE | 30.19                 | 221             | 287,171.751100  | 1,908,785.049800 |
| 221 - 222 | 78°19'26"SE | 28.53                 | 222             | 287,199.695600  | 1,908,779.275000 |
| 222 - 223 | 83°30'31"SE | 19.27                 | 223             | 287,218.840200  | 1,908,777.096700 |
| 223 - 224 | 78°03'30"SE | 16.90                 | 224             | 287,235.375900  | 1,908,773.599600 |
| 224 - 225 | 87°16'09"SE | 19.62                 | 225             | 287,254.971100  | 1,908,772.665000 |
| 225 - 226 | 65°39'22"SE | 23.86                 | 226             | 287,276.707800  | 1,908,762.830500 |
| 226 - 227 | 78°04'24"SE | 25.78                 | 227             | 287,301.930000  | 1,908,757.503100 |
| 227 - 228 | 82°17'20"SE | 32.55                 | 228             | 287,334.181300  | 1,908,753.136200 |
| 228 - 229 | 66°49'09"SE | 29.21                 | 229             | 287,361.029700  | 1,908,741.639600 |
| 229 - 230 | 31°53'40"SW | 12.32                 | 230             | 287,354.520700  | 1,908,731.180300 |
| 230 - 231 | 49°00'04"SW | 6.66                  | 231             | 287,349.493000  | 1,908,726.810000 |
| 231 - 232 | 76°56'08"SE | 11.67                 | 232             | 287,360.857000  | 1,908,724.173000 |
| 232 - 233 | 74°09'21"NE | 9.09                  | 233             | 287,369.599400  | 1,908,726.654100 |
| 233 - 234 | 51°53'36"NE | 19.04                 | 234             | 287,384.582400  | 1,908,738.405000 |
| 234 - 235 | 60°53'29"NE | 19.81                 | 235             | 287,401.889300  | 1,908,748.041200 |
| 235 - 236 | 80°51'00"NE | 34.08                 | 236             | 287,435.533200  | 1,908,742.622300 |
| 236 - 237 | 05°57'28"SE | 53.73                 | 237             | 287,441.110400  | 1,908,689.180700 |

A partir de este vértice 237 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 6,366.86 metros hasta llegar al vértice 238.

|           |             |       |     |                |                  |
|-----------|-------------|-------|-----|----------------|------------------|
|           |             |       | 238 | 282,116.319200 | 1,910,672.833200 |
| 238 - 239 | 15°56'44"NW | 7.98  | 239 | 282,114.125900 | 1,910,680.509600 |
| 239 - 240 | 26°33'50"NE | 12.26 | 240 | 282,119.608800 | 1,910,691.475900 |
| 240 - 241 | 63°26'09"NE | 19.62 | 241 | 282,137.155200 | 1,910,700.248700 |
| 241 - 242 | 39°17'18"NE | 15.59 | 242 | 282,147.024700 | 1,910,712.311800 |
| 242 - 243 | 65°13'32"NE | 15.70 | 243 | 282,161.280600 | 1,910,718.891200 |
| 243 - 244 | 40°13'40"NE | 42.41 | 244 | 282,188.669300 | 1,910,751.269200 |
| 244 - 245 | 51°26'50"NE | 16.01 | 245 | 282,201.186400 | 1,910,761.244500 |
| 245 - 1   | 41°25'25"NE | 18.00 | 1   |                |                  |



**Zona de Amortiguamiento**  
**“Este-Barra de San Luis”**  
**(Superficie 5-69-42.05 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 293,881.479100  | 1,906,212.027000 |
| 1 - 2   | 66°35'12"SE | 30.23                 | 2               | 293,909.221800  | 1,906,200.014000 |
| 2 - 3   | 65°50'12"SE | 30.68                 | 3               | 293,937.217700  | 1,906,187.453800 |
| 3 - 4   | 70°47'35"SE | 32.43                 | 4               | 293,967.847100  | 1,906,176.783500 |
| 4 - 5   | 67°08'37"SE | 31.40                 | 5               | 293,996.785300  | 1,906,164.585500 |
| 5 - 6   | 68°23'10"SE | 32.25                 | 6               | 294,026.763500  | 1,906,152.708000 |
| 6 - 7   | 64°33'55"SE | 31.50                 | 7               | 294,055.213800  | 1,906,139.177800 |
| 7 - 8   | 64°51'47"SE | 28.37                 | 8               | 294,080.892600  | 1,906,127.128800 |
| 8 - 9   | 63°59'37"SE | 31.22                 | 9               | 294,108.950300  | 1,906,113.440300 |
| 9 - 10  | 62°48'51"SE | 59.76                 | 10              | 294,162.105400  | 1,906,086.139200 |
| 10 - 11 | 61°41'33"SE | 25.05                 | 11              | 294,184.159800  | 1,906,074.260500 |
| 11 - 12 | 72°45'31"SE | 28.93                 | 12              | 294,211.794100  | 1,906,065.684400 |
| 12 - 13 | 63°21'13"SE | 15.18                 | 13              | 294,225.363800  | 1,906,058.875500 |
| 13 - 14 | 42°04'16"SE | 12.86                 | 14              | 294,233.982500  | 1,906,049.327400 |
| 14 - 15 | 85°37'17"SE | 20.90                 | 15              | 294,254.822900  | 1,906,047.731700 |
| 15 - 16 | 60°07'06"SE | 22.29                 | 16              | 294,274.149200  | 1,906,036.626900 |
| 16 - 17 | 72°15'47"SE | 23.49                 | 17              | 294,296.526900  | 1,906,029.469400 |
| 17 - 18 | 56°17'50"SE | 22.33                 | 18              | 294,315.100900  | 1,906,017.080900 |
| 18 - 19 | 69°51'34"SE | 23.02                 | 19              | 294,336.715000  | 1,906,009.154000 |
| 19 - 20 | 79°15'54"SE | 18.05                 | 20              | 294,354.450000  | 1,906,005.791800 |
| 20 - 21 | 71°18'12"SE | 13.19                 | 21              | 294,366.940000  | 1,906,001.565000 |
| 21 - 22 | 59°59'59"SE | 15.31                 | 22              | 294,380.201500  | 1,905,993.908400 |
| 22 - 23 | 47°27'35"SE | 21.92                 | 23              | 294,396.350800  | 1,905,979.089400 |
| 23 - 24 | 83°49'22"SE | 25.22                 | 24              | 294,421.422000  | 1,905,976.376000 |
| 24 - 25 | 73°13'34"SE | 24.27                 | 25              | 294,444.656900  | 1,905,969.372600 |
| 25 - 26 | 61°47'11"SE | 12.41                 | 26              | 294,455.590000  | 1,905,963.507000 |
| 26 - 27 | 53°08'24"SE | 4.54                  | 27              | 294,459.226000  | 1,905,960.781000 |
| 27 - 28 | 49°58'59"SE | 20.33                 | 28              | 294,474.799300  | 1,905,947.705600 |
| 28 - 29 | 65°49'58"SE | 11.25                 | 29              | 294,485.061700  | 1,905,943.100600 |
| 29 - 30 | 82°18'05"SE | 18.83                 | 30              | 294,503.719300  | 1,905,940.578500 |
| 30 - 31 | 72°44'56"SE | 14.49                 | 31              | 294,517.562200  | 1,905,936.279900 |
| 31 - 32 | 64°12'19"SE | 10.55                 | 32              | 294,527.060800  | 1,905,931.689200 |
| 32 - 33 | 56°32'01"SE | 13.22                 | 33              | 294,538.090000  | 1,905,924.398500 |
| 33 - 34 | 59°40'31"SE | 28.89                 | 34              | 294,563.030200  | 1,905,909.810300 |
| 34 - 35 | 69°07'26"SE | 22.18                 | 35              | 294,583.753000  | 1,905,901.907000 |
| 35 - 36 | 74°14'32"SE | 15.46                 | 36              | 294,598.629200  | 1,905,897.709300 |
| 36 - 37 | 65°13'05"SE | 28.07                 | 37              | 294,624.110600  | 1,905,885.945000 |
| 37 - 38 | 72°59'32"SE | 35.06                 | 38              | 294,657.639800  | 1,905,875.689200 |
| 38 - 39 | 69°44'52"SE | 34.70                 | 39              | 294,690.196300  | 1,905,863.677200 |
| 39 - 40 | 64°37'49"SE | 29.29                 | 40              | 294,716.658300  | 1,905,851.129400 |
| 40 - 41 | 68°56'55"SE | 25.51                 | 41              | 294,740.463100  | 1,905,841.967100 |
| 41 - 42 | 67°22'55"SE | 27.25                 | 42              | 294,765.614100  | 1,905,831.488500 |
| 42 - 43 | 70°44'59"SE | 27.89                 | 43              | 294,791.943700  | 1,905,822.293700 |
| 43 - 44 | 69°58'25"SE | 30.56                 | 44              | 294,820.655300  | 1,905,811.828600 |
| 44 - 45 | 74°28'32"SE | 30.07                 | 45              | 294,849.631800  | 1,905,803.779400 |
| 45 - 46 | 77°25'36"SE | 32.04                 | 46              | 294,880.903300  | 1,905,796.804800 |
| 46 - 47 | 78°01'43"SE | 17.14                 | 47              | 294,897.674400  | 1,905,793.248800 |
| 47 - 48 | 11°23'57"SW | 73.51                 | 48              | 294,883.145300  | 1,905,721.187900 |

A partir de este vértice 48 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 1,121.99 metros hasta llegar al vértice 49.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 49 | 293,860.508700 | 1,906,170.606000 |
| 49 - 1 | 26°51'06"NE | 46.43 | 1  |                |                  |

**Zona Núcleo**  
**Estero de San Francisco**  
**(Superficie 34-81-66.90 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 287,435.533200  | 1,908,742.622300 |
| 1 - 2   | 71°58'33"SE | 25.45                 | 2               | 287,459.729600  | 1,908,734.749200 |
| 2 - 3   | 79°42'50"NE | 26.94                 | 3               | 287,486.236100  | 1,908,739.559600 |
| 3 - 4   | 86°22'42"SE | 25.48                 | 4               | 287,511.669900  | 1,908,737.949800 |
| 4 - 5   | 75°14'01"SE | 26.54                 | 5               | 287,537.337200  | 1,908,731.184400 |
| 5 - 6   | 72°03'50"SE | 29.52                 | 6               | 287,565.425400  | 1,908,722.092700 |
| 6 - 7   | 80°43'39"SE | 29.24                 | 7               | 287,594.280700  | 1,908,717.381800 |
| 7 - 8   | 76°36'42"SE | 27.71                 | 8               | 287,621.235400  | 1,908,710.966200 |
| 8 - 9   | 80°41'07"SE | 28.01                 | 9               | 287,648.872500  | 1,908,706.433200 |
| 9 - 10  | 77°36'28"SE | 29.15                 | 10              | 287,677.339200  | 1,908,700.178500 |
| 10 - 11 | 79°14'22"SE | 29.28                 | 11              | 287,706.107100  | 1,908,694.711300 |
| 11 - 12 | 75°36'15"SE | 31.10                 | 12              | 287,736.225900  | 1,908,686.980500 |
| 12 - 13 | 73°55'38"SE | 50.00                 | 13              | 287,784.270400  | 1,908,673.138000 |
| 13 - 14 | 82°09'14"SE | 27.17                 | 14              | 287,811.185300  | 1,908,669.429100 |
| 14 - 15 | 78°35'10"SE | 26.00                 | 15              | 287,836.668900  | 1,908,664.284300 |
| 15 - 16 | 76°51'20"SE | 25.67                 | 16              | 287,861.662900  | 1,908,658.447700 |
| 16 - 17 | 80°43'00"SE | 29.96                 | 17              | 287,891.228100  | 1,908,653.615100 |
| 17 - 18 | 78°50'22"SE | 31.53                 | 18              | 287,922.164300  | 1,908,647.511800 |
| 18 - 19 | 67°02'49"SE | 32.72                 | 19              | 287,952.295800  | 1,908,634.751000 |
| 19 - 20 | 82°16'34"SE | 28.35                 | 20              | 287,980.385300  | 1,908,630.941300 |
| 20 - 21 | 72°12'21"SE | 55.82                 | 21              | 288,033.534500  | 1,908,613.883100 |
| 21 - 22 | 78°48'20"SE | 25.98                 | 22              | 288,059.019900  | 1,908,608.839500 |
| 22 - 23 | 72°35'45"SE | 31.31                 | 23              | 288,088.895500  | 1,908,599.474800 |
| 23 - 24 | 77°05'25"SE | 30.92                 | 24              | 288,119.038300  | 1,908,592.565800 |
| 24 - 25 | 73°02'49"SE | 31.40                 | 25              | 288,149.075400  | 1,908,583.409600 |
| 25 - 26 | 73°41'48"SE | 33.41                 | 26              | 288,181.146400  | 1,908,574.029400 |
| 26 - 27 | 71°29'58"SE | 33.48                 | 27              | 288,212.895400  | 1,908,563.406000 |
| 27 - 28 | 67°39'07"SE | 32.35                 | 28              | 288,242.816500  | 1,908,551.105200 |
| 28 - 29 | 71°30'02"SE | 29.53                 | 29              | 288,270.824600  | 1,908,541.734200 |
| 29 - 30 | 73°26'25"SE | 31.52                 | 30              | 288,301.040700  | 1,908,532.749600 |
| 30 - 31 | 72°27'14"SE | 27.44                 | 31              | 288,327.207200  | 1,908,524.476300 |
| 31 - 32 | 71°19'39"SE | 22.87                 | 32              | 288,348.870900  | 1,908,517.155200 |
| 32 - 33 | 71°03'42"SE | 22.59                 | 33              | 288,370.242700  | 1,908,509.822100 |
| 33 - 34 | 74°16'45"SE | 30.88                 | 34              | 288,399.968300  | 1,908,501.455000 |
| 34 - 35 | 72°00'00"SE | 32.88                 | 35              | 288,431.238400  | 1,908,491.294800 |
| 35 - 36 | 72°58'33"SE | 14.69                 | 36              | 288,445.284200  | 1,908,486.994100 |
| 36 - 37 | 68°16'57"SE | 28.20                 | 37              | 288,471.481700  | 1,908,476.559700 |
| 37 - 38 | 71°02'09"SE | 25.56                 | 38              | 288,495.650500  | 1,908,468.254700 |
| 38 - 39 | 65°14'06"SE | 26.86                 | 39              | 288,520.039800  | 1,908,457.003400 |
| 39 - 40 | 66°09'02"SE | 29.62                 | 40              | 288,547.133500  | 1,908,445.025800 |
| 40 - 41 | 71°19'44"SE | 30.69                 | 41              | 288,576.204300  | 1,908,435.202300 |
| 41 - 42 | 67°57'39"SE | 30.20                 | 42              | 288,604.199700  | 1,908,423.869300 |
| 42 - 43 | 69°02'59"SE | 33.04                 | 43              | 288,635.052700  | 1,908,412.056800 |
| 43 - 44 | 67°41'54"SE | 62.72                 | 44              | 288,693.079100  | 1,908,388.256600 |
| 44 - 45 | 75°40'33"SE | 29.40                 | 45              | 288,721.562200  | 1,908,380.983700 |
| 45 - 46 | 67°18'05"SE | 30.72                 | 46              | 288,749.900200  | 1,908,369.130500 |
| 46 - 47 | 68°50'42"SE | 30.37                 | 47              | 288,778.221200  | 1,908,358.171100 |
| 47 - 48 | 67°25'59"SE | 30.37                 | 48              | 288,806.266100  | 1,908,346.516200 |
| 48 - 49 | 69°24'38"SE | 29.08                 | 49              | 288,833.489800  | 1,908,336.289300 |
| 49 - 50 | 70°32'43"SE | 28.94                 | 50              | 288,860.779900  | 1,908,326.649700 |

| Est-PV   | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|----------|-------------|-----------------------|-----------------|-----------------|------------------|
|          |             |                       |                 | X               | Y                |
| 50 -51   | 66°34'30"SE | 29.47                 | 51              | 288,887.819300  | 1,908,314.934800 |
| 51 -52   | 70°30'50"SE | 28.47                 | 52              | 288,914.657200  | 1,908,305.438400 |
| 52 -53   | 76°58'41"SE | 29.09                 | 53              | 288,943.000600  | 1,908,298.883500 |
| 53 -54   | 76°33'13"SE | 27.33                 | 54              | 288,969.580700  | 1,908,292.528600 |
| 54 -55   | 63°27'12"SE | 23.42                 | 55              | 288,990.535200  | 1,908,282.059800 |
| 55 -56   | 58°07'01"SE | 27.43                 | 56              | 289,013.830900  | 1,908,267.569200 |
| 56 -57   | 70°28'07"SE | 29.37                 | 57              | 289,041.509000  | 1,908,257.750900 |
| 57 -58   | 70°41'01"SE | 30.65                 | 58              | 289,070.432600  | 1,908,247.612800 |
| 58 -59   | 64°21'04"SE | 30.03                 | 59              | 289,097.503900  | 1,908,234.614000 |
| 59 -60   | 66°09'05"SE | 61.42                 | 60              | 289,153.679000  | 1,908,209.781100 |
| 60 -61   | 68°33'59"SE | 32.37                 | 61              | 289,183.807300  | 1,908,197.953600 |
| 61 -62   | 67°12'57"SE | 32.06                 | 62              | 289,213.364000  | 1,908,185.538800 |
| 62 -63   | 70°52'44"SE | 31.74                 | 63              | 289,243.351700  | 1,908,175.142400 |
| 63 -64   | 71°22'00"SE | 30.25                 | 64              | 289,272.015300  | 1,908,165.477600 |
| 64 -65   | 69°08'38"SE | 29.03                 | 65              | 289,299.146600  | 1,908,155.141100 |
| 65 -66   | 69°22'17"SE | 29.89                 | 66              | 289,327.121400  | 1,908,144.610200 |
| 66 -67   | 67°04'49"SE | 29.67                 | 67              | 289,354.451200  | 1,908,133.054700 |
| 67 -68   | 67°24'35"SE | 33.12                 | 68              | 289,385.032700  | 1,908,120.331100 |
| 68 -69   | 69°30'16"SE | 30.75                 | 69              | 289,413.839600  | 1,908,109.563200 |
| 69 -70   | 75°53'49"SE | 13.63                 | 70              | 289,427.054100  | 1,908,106.243200 |
| 70 -71   | 55°59'40"SE | 26.44                 | 71              | 289,448.968300  | 1,908,091.458800 |
| 71 -72   | 74°27'50"SE | 29.44                 | 72              | 289,477.328800  | 1,908,083.574500 |
| 72 -73   | 69°33'36"SE | 30.04                 | 73              | 289,505.476600  | 1,908,073.084200 |
| 73 -74   | 68°50'34"SE | 25.85                 | 74              | 289,529.588200  | 1,908,063.752700 |
| 74 -75   | 69°20'40"SE | 28.08                 | 75              | 289,555.866300  | 1,908,053.846400 |
| 75 -76   | 68°55'02"SE | 29.34                 | 76              | 289,583.243900  | 1,908,043.291800 |
| 76 -77   | 67°26'02"SE | 27.71                 | 77              | 289,608.834400  | 1,908,032.657400 |
| 77 -78   | 62°20'38"SE | 30.22                 | 78              | 289,635.600300  | 1,908,018.631200 |
| 78 -79   | 63°28'40"SE | 16.47                 | 79              | 289,650.335300  | 1,908,011.277500 |
| 79 -80   | 71°58'01"SE | 31.80                 | 80              | 289,680.574400  | 1,908,001.433000 |
| 80 -81   | 70°06'33"SE | 30.57                 | 81              | 289,709.323700  | 1,907,991.031200 |
| 81 -82   | 66°59'08"SE | 32.48                 | 82              | 289,739.219800  | 1,907,978.332200 |
| 82 -83   | 65°54'39"SE | 33.17                 | 83              | 289,769.498500  | 1,907,964.794800 |
| 83 -84   | 68°18'02"SE | 32.57                 | 84              | 289,799.756400  | 1,907,952.754200 |
| 84 -85   | 62°41'21"SE | 31.58                 | 85              | 289,827.817900  | 1,907,938.263900 |
| 85 -86   | 67°42'58"SE | 94.44                 | 86              | 289,915.201800  | 1,907,902.453900 |
| 86 -87   | 66°15'41"SE | 32.90                 | 87              | 289,945.319600  | 1,907,889.209000 |
| 87 -88   | 72°34'55"SE | 28.53                 | 88              | 289,972.540200  | 1,907,880.669200 |
| 88 -89   | 66°53'45"SE | 29.40                 | 89              | 289,999.577600  | 1,907,869.134500 |
| 89 -90   | 65°09'22"SE | 27.47                 | 90              | 290,024.508600  | 1,907,857.591700 |
| 90 -91   | 63°16'42"SE | 19.95                 | 91              | 290,042.327200  | 1,907,848.621500 |
| 91 -92   | 33°53'40"SE | 18.11                 | 92              | 290,052.428600  | 1,907,833.585900 |
| 92 -93   | 63°42'58"SE | 26.56                 | 93              | 290,076.244800  | 1,907,821.823600 |
| 93 -94   | 64°28'13"SE | 26.90                 | 94              | 290,100.519900  | 1,907,810.229600 |
| 94 -95   | 65°49'41"SE | 29.58                 | 95              | 290,127.503700  | 1,907,798.118500 |
| 95 -96   | 67°01'36"SE | 28.83                 | 96              | 290,154.043300  | 1,907,786.867700 |
| 96 -97   | 65°15'00"SE | 29.36                 | 97              | 290,180.708600  | 1,907,774.574900 |
| 97 -98   | 68°23'18"SE | 23.47                 | 98              | 290,202.525900  | 1,907,765.931700 |
| 98 -99   | 63°40'02"SE | 30.93                 | 99              | 290,230.250000  | 1,907,752.210000 |
| 99 -100  | 68°03'57"SE | 33.17                 | 100             | 290,261.023100  | 1,907,739.818100 |
| 100 -101 | 65°07'39"SE | 35.14                 | 101             | 290,292.899900  | 1,907,725.040000 |
| 101 -102 | 72°14'36"SE | 34.72                 | 102             | 290,325.969200  | 1,907,714.450200 |
| 102 -103 | 66°44'48"SE | 72.71                 | 103             | 290,392.769600  | 1,907,685.746100 |
| 103 -104 | 69°58'58"SE | 39.02                 | 104             | 290,429.431000  | 1,907,672.390000 |

| Est-PV   | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|----------|-------------|-----------------------|-----------------|-----------------|------------------|
|          |             |                       |                 | X               | Y                |
| 104 -105 | 71°35'49"SE | 36.57                 | 105             | 290,464.132100  | 1,907,660.844500 |
| 105 -106 | 76°34'24"SE | 43.18                 | 106             | 290,506.135200  | 1,907,650.817300 |
| 106 -107 | 70°00'43"SE | 44.39                 | 107             | 290,547.849600  | 1,907,635.644500 |
| 107 -108 | 59°50'57"SE | 38.20                 | 108             | 290,580.880400  | 1,907,616.458100 |
| 108 -109 | 78°02'20"SE | 35.61                 | 109             | 290,615.717600  | 1,907,609.078000 |
| 109 -110 | 73°15'42"SE | 40.57                 | 110             | 290,654.565500  | 1,907,597.394800 |
| 110 -111 | 79°50'56"SE | 40.55                 | 111             | 290,694.478600  | 1,907,590.248500 |
| 111 -112 | 56°23'26"SE | 40.73                 | 112             | 290,728.398100  | 1,907,567.704400 |
| 112 -113 | 53°11'08"SE | 20.14                 | 113             | 290,744.522400  | 1,907,555.635600 |
| 113 -114 | 68°11'16"SE | 44.08                 | 114             | 290,785.446100  | 1,907,539.257200 |
| 114 -115 | 58°29'08"SE | 42.15                 | 115             | 290,821.377900  | 1,907,517.225800 |
| 115 -116 | 50°35'46"SE | 18.90                 | 116             | 290,835.982600  | 1,907,505.227800 |
| 116 -117 | 67°34'50"SE | 37.97                 | 117             | 290,871.078900  | 1,907,490.748400 |
| 117 -118 | 64°36'18"SE | 33.53                 | 118             | 290,901.369600  | 1,907,476.368600 |
| 118 -119 | 62°55'00"SE | 43.52                 | 119             | 290,940.116600  | 1,907,456.555200 |
| 119 -120 | 62°36'43"SE | 44.41                 | 120             | 290,979.551000  | 1,907,436.125000 |
| 120 -121 | 79°05'41"SE | 10.49                 | 121             | 290,989.850400  | 1,907,434.140700 |
| 121 -122 | 65°00'41"SE | 3.48                  | 122             | 290,993.006000  | 1,907,432.670000 |
| 122 -123 | 53°06'47"SE | 10.12                 | 123             | 291,001.101000  | 1,907,426.595000 |
| 123 -124 | 68°13'07"SE | 20.26                 | 124             | 291,019.911500  | 1,907,419.078500 |
| 124 -125 | 63°57'48"SE | 10.69                 | 125             | 291,029.519000  | 1,907,414.385000 |
| 125 -126 | 73°33'12"NE | 4.60                  | 126             | 291,033.933000  | 1,907,415.688000 |
| 126 -127 | 83°42'25"NE | 10.56                 | 127             | 291,044.425000  | 1,907,416.845000 |
| 127 -128 | 87°48'54"SE | 5.80                  | 128             | 291,050.218000  | 1,907,416.624000 |
| 128 -129 | 79°29'35"SE | 10.49                 | 129             | 291,060.534000  | 1,907,414.710800 |
| 129 -130 | 88°41'02"NE | 9.08                  | 130             | 291,069.610000  | 1,907,414.919300 |
| 130 -131 | 75°37'26"SE | 8.69                  | 131             | 291,078.031500  | 1,907,412.760800 |
| 131 -132 | 65°20'46"SE | 15.83                 | 132             | 291,092.422000  | 1,907,406.156000 |
| 132 -133 | 59°32'43"SE | 16.32                 | 133             | 291,106.494000  | 1,907,397.882000 |
| 133 -134 | 50°57'13"SE | 12.07                 | 134             | 291,115.865000  | 1,907,390.281000 |
| 134 -135 | 39°17'37"SE | 16.30                 | 135             | 291,126.188000  | 1,907,377.666000 |
| 135 -136 | 83°26'21"NE | 16.65                 | 136             | 291,142.726000  | 1,907,379.568000 |
| 136 -137 | 84°40'19"SE | 13.43                 | 137             | 291,156.099300  | 1,907,378.320800 |
| 137 -138 | 72°52'06"SE | 11.31                 | 138             | 291,166.905000  | 1,907,374.990000 |
| 138 -139 | 64°11'17"SE | 11.35                 | 139             | 291,177.118500  | 1,907,370.050000 |
| 139 -140 | 51°10'06"SE | 15.65                 | 140             | 291,189.306000  | 1,907,360.240000 |
| 140 -141 | 80°17'32"NE | 4.50                  | 141             | 291,193.744000  | 1,907,360.999200 |
| 141 -142 | 88°49'10"SE | 10.83                 | 142             | 291,204.576000  | 1,907,360.776000 |
| 142 -143 | 69°49'32"SE | 13.11                 | 143             | 291,216.878000  | 1,907,356.256000 |
| 143 -144 | 71°55'44"SE | 24.46                 | 144             | 291,240.129300  | 1,907,348.669300 |
| 144 -145 | 64°06'09"SE | 10.56                 | 145             | 291,249.625000  | 1,907,344.059000 |
| 145 -146 | 57°33'00"SE | 8.22                  | 146             | 291,256.561500  | 1,907,339.648500 |
| 146 -147 | 49°09'53"SE | 11.41                 | 147             | 291,265.195000  | 1,907,332.187000 |
| 147 -148 | 59°28'02"SE | 25.65                 | 148             | 291,287.285800  | 1,907,319.157500 |
| 148 -149 | 85°29'59"SE | 12.52                 | 149             | 291,299.769000  | 1,907,318.175000 |
| 149 -150 | 87°02'55"SE | 13.75                 | 150             | 291,313.498500  | 1,907,317.467200 |
| 150 -151 | 63°48'34"SE | 29.87                 | 151             | 291,340.298700  | 1,907,304.285400 |
| 151 -152 | 64°26'58"SE | 31.72                 | 152             | 291,368.919400  | 1,907,290.603100 |
| 152 -153 | 74°00'06"SE | 32.71                 | 153             | 291,400.358200  | 1,907,281.589300 |
| 153 -154 | 65°49'43"SE | 31.92                 | 154             | 291,429.479700  | 1,907,268.519200 |
| 154 -155 | 68°24'47"SE | 32.85                 | 155             | 291,460.026700  | 1,907,256.433000 |
| 155 -156 | 76°17'51"SE | 14.40                 | 156             | 291,474.021600  | 1,907,253.020800 |
| 156 -157 | 56°39'40"SE | 27.10                 | 157             | 291,496.662900  | 1,907,238.126300 |
| 157 -158 | 72°43'08"SE | 32.29                 | 158             | 291,527.491700  | 1,907,228.535400 |

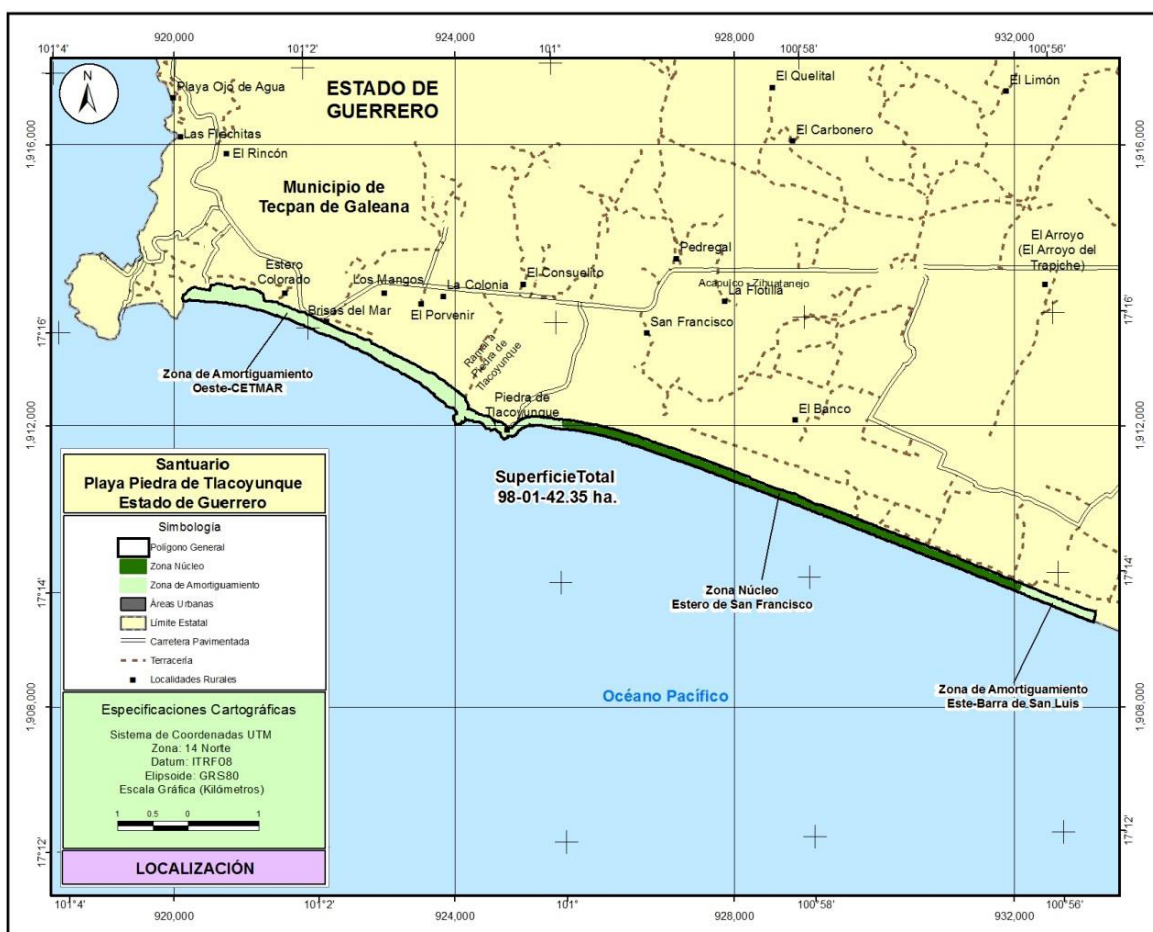
| Est-PV   | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|----------|-------------|-----------------------|-----------------|-----------------|------------------|
|          |             |                       |                 | X               | Y                |
| 158 -159 | 65°57'56"SE | 28.90                 | 159             | 291,553.888500  | 1,907,216.763900 |
| 159 -160 | 71°18'12"SE | 28.82                 | 160             | 291,581.186200  | 1,907,207.526000 |
| 160 -161 | 58°57'49"SE | 31.01                 | 161             | 291,607.759500  | 1,907,191.536300 |
| 161 -162 | 64°46'45"SE | 32.64                 | 162             | 291,637.285300  | 1,907,177.629500 |
| 162 -163 | 71°18'28"SE | 13.16                 | 163             | 291,649.748000  | 1,907,173.413000 |
| 163 -164 | 64°42'35"SE | 12.18                 | 164             | 291,660.760000  | 1,907,168.210000 |
| 164 -165 | 56°11'54"SE | 9.62                  | 165             | 291,668.754100  | 1,907,162.858100 |
| 165 -166 | 70°53'34"SE | 24.10                 | 166             | 291,691.530100  | 1,907,154.968100 |
| 166 -167 | 67°16'37"SE | 31.83                 | 167             | 291,720.888900  | 1,907,142.673200 |
| 167 -168 | 70°20'48"SE | 34.10                 | 168             | 291,753.006100  | 1,907,131.203100 |
| 168 -169 | 65°17'58"SE | 32.48                 | 169             | 291,782.518500  | 1,907,117.628600 |
| 169 -170 | 60°32'48"SE | 32.20                 | 170             | 291,810.555500  | 1,907,101.796300 |
| 170 -171 | 81°02'01"SE | 14.37                 | 171             | 291,824.748000  | 1,907,099.557000 |
| 171 -172 | 72°09'05"SE | 9.21                  | 172             | 291,833.512000  | 1,907,096.735000 |
| 172 -173 | 60°06'46"SE | 21.49                 | 173             | 291,852.140800  | 1,907,086.028500 |
| 173 -174 | 64°21'43"SE | 26.26                 | 174             | 291,875.813100  | 1,907,074.667400 |
| 174 -175 | 62°52'12"SE | 10.79                 | 175             | 291,885.418000  | 1,907,069.746000 |
| 175 -176 | 76°45'02"SE | 6.35                  | 176             | 291,891.601800  | 1,907,068.290000 |
| 176 -177 | 67°36'28"SE | 40.21                 | 177             | 291,928.778000  | 1,907,052.973000 |
| 177 -178 | 58°23'46"SE | 19.11                 | 178             | 291,945.058000  | 1,907,042.956000 |
| 178 -179 | 65°34'11"SE | 27.52                 | 179             | 291,970.112600  | 1,907,031.574900 |
| 179 -180 | 87°03'14"SE | 10.78                 | 180             | 291,980.880000  | 1,907,031.020800 |
| 180 -181 | 79°46'17"SE | 10.88                 | 181             | 291,991.586000  | 1,907,029.089000 |
| 181 -182 | 67°38'50"SE | 16.60                 | 182             | 292,006.941000  | 1,907,022.775000 |
| 182 -183 | 61°19'19"SE | 33.53                 | 183             | 292,036.362300  | 1,907,006.682100 |
| 183 -184 | 68°38'23"SE | 33.64                 | 184             | 292,067.693900  | 1,906,994.428500 |
| 184 -185 | 79°18'03"SE | 10.81                 | 185             | 292,078.314000  | 1,906,992.422000 |
| 185 -186 | 63°38'05"SE | 12.44                 | 186             | 292,089.461000  | 1,906,986.897000 |
| 186 -187 | 52°01'55"SE | 12.87                 | 187             | 292,099.606000  | 1,906,978.980000 |
| 187 -188 | 64°48'31"SE | 27.73                 | 188             | 292,124.702500  | 1,906,967.175100 |
| 188 -189 | 69°14'26"SE | 34.64                 | 189             | 292,157.089000  | 1,906,954.899000 |
| 189 -190 | 69°29'49"SE | 33.57                 | 190             | 292,188.533200  | 1,906,943.140600 |
| 190 -191 | 70°37'41"SE | 33.62                 | 191             | 292,220.249500  | 1,906,931.989000 |
| 191 -192 | 68°06'50"SE | 33.36                 | 192             | 292,251.209500  | 1,906,919.551900 |
| 192 -193 | 67°51'15"SE | 33.46                 | 193             | 292,282.198500  | 1,906,906.939700 |
| 193 -194 | 59°13'32"SE | 25.82                 | 194             | 292,304.381700  | 1,906,893.729400 |
| 194 -195 | 64°07'03"SE | 31.59                 | 195             | 292,332.800400  | 1,906,879.940800 |
| 195 -196 | 65°18'11"SE | 20.66                 | 196             | 292,351.569700  | 1,906,871.309100 |
| 196 -197 | 68°43'01"SE | 27.52                 | 197             | 292,377.210600  | 1,906,861.321000 |
| 197 -198 | 70°29'53"SE | 29.49                 | 198             | 292,405.011400  | 1,906,851.475200 |
| 198 -199 | 71°04'53"SE | 29.32                 | 199             | 292,432.747100  | 1,906,841.969100 |
| 199 -200 | 69°50'51"SE | 31.40                 | 200             | 292,462.223400  | 1,906,831.151700 |
| 200 -201 | 65°30'36"SE | 32.32                 | 201             | 292,491.638500  | 1,906,817.752800 |
| 201 -202 | 67°22'46"SE | 31.15                 | 202             | 292,520.391000  | 1,906,805.772200 |
| 202 -203 | 65°45'04"SE | 29.95                 | 203             | 292,547.696600  | 1,906,793.472700 |
| 203 -204 | 64°35'20"SE | 27.24                 | 204             | 292,572.296900  | 1,906,781.785800 |
| 204 -205 | 67°48'14"SE | 29.32                 | 205             | 292,599.446000  | 1,906,770.708700 |
| 205 -206 | 65°23'48"SE | 15.10                 | 206             | 292,613.174300  | 1,906,764.422500 |
| 206 -207 | 78°52'58"SE | 25.66                 | 207             | 292,638.350800  | 1,906,759.475300 |
| 207 -208 | 67°15'39"SE | 29.43                 | 208             | 292,665.489600  | 1,906,748.101200 |
| 208 -209 | 67°00'01"SE | 32.49                 | 209             | 292,695.395500  | 1,906,735.407100 |
| 209 -210 | 68°42'36"SE | 30.24                 | 210             | 292,723.569400  | 1,906,724.428300 |
| 210 -211 | 65°19'53"SE | 32.86                 | 211             | 292,753.429500  | 1,906,710.714100 |
| 211 -212 | 61°45'17"SE | 33.01                 | 212             | 292,782.506500  | 1,906,695.093600 |

| Est-PV   | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|----------|-------------|-----------------------|-----------------|-----------------|------------------|
|          |             |                       |                 | X               | Y                |
| 212 -213 | 65°28'08"SE | 30.56                 | 213             | 292,810.310400  | 1,906,682.404400 |
| 213 -214 | 63°30'36"SE | 32.21                 | 214             | 292,839.140400  | 1,906,668.036700 |
| 214 -215 | 66°52'15"SE | 33.36                 | 215             | 292,869.818700  | 1,906,654.933000 |
| 215 -216 | 67°57'01"SE | 31.49                 | 216             | 292,899.010000  | 1,906,643.109600 |
| 216 -217 | 68°56'08"SE | 29.96                 | 217             | 292,926.968700  | 1,906,632.341300 |
| 217 -218 | 70°09'13"SE | 34.36                 | 218             | 292,959.292200  | 1,906,620.674600 |
| 218 -219 | 55°29'41"SE | 32.82                 | 219             | 292,986.335900  | 1,906,602.084400 |
| 219 -220 | 77°46'29"SE | 15.77                 | 220             | 293,001.746100  | 1,906,598.745500 |
| 220 -221 | 59°49'39"SE | 31.19                 | 221             | 293,028.712900  | 1,906,583.067900 |
| 221 -222 | 68°42'31"SE | 33.29                 | 222             | 293,059.728400  | 1,906,570.980900 |
| 222 -223 | 66°14'38"SE | 33.92                 | 223             | 293,090.773200  | 1,906,557.317000 |
| 223 -224 | 68°10'54"SE | 33.66                 | 224             | 293,122.021800  | 1,906,544.807000 |
| 224 -225 | 64°24'17"SE | 30.34                 | 225             | 293,149.383400  | 1,906,531.700400 |
| 225 -226 | 63°35'16"SE | 27.64                 | 226             | 293,174.139400  | 1,906,519.404900 |
| 226 -227 | 64°54'09"SE | 30.35                 | 227             | 293,201.628300  | 1,906,506.529700 |
| 227 -228 | 63°22'43"SE | 29.07                 | 228             | 293,227.612200  | 1,906,493.505800 |
| 228 -229 | 69°44'59"SE | 15.67                 | 229             | 293,242.311300  | 1,906,488.083000 |
| 229 -230 | 60°28'00"SE | 31.68                 | 230             | 293,269.879000  | 1,906,472.464800 |
| 230 -231 | 71°19'43"SE | 15.27                 | 231             | 293,284.346500  | 1,906,467.575900 |
| 231 -232 | 82°28'25"SE | 30.04                 | 232             | 293,314.125500  | 1,906,463.641600 |
| 232 -233 | 68°39'31"SE | 34.37                 | 233             | 293,346.135000  | 1,906,451.135100 |
| 233 -234 | 64°39'59"SE | 29.49                 | 234             | 293,372.786600  | 1,906,438.517900 |
| 234 -235 | 65°58'00"SE | 31.86                 | 235             | 293,401.883200  | 1,906,425.543100 |
| 235 -236 | 66°58'36"SE | 31.67                 | 236             | 293,431.026800  | 1,906,413.158500 |
| 236 -237 | 64°37'24"SE | 33.63                 | 237             | 293,461.407400  | 1,906,398.747900 |
| 237 -238 | 63°57'52"SE | 34.37                 | 238             | 293,492.287800  | 1,906,383.662800 |
| 238 -239 | 68°35'22"SE | 28.53                 | 239             | 293,518.846000  | 1,906,373.249200 |
| 239 -240 | 66°10'19"SE | 28.08                 | 240             | 293,544.535000  | 1,906,361.904000 |
| 240 -241 | 67°46'06"SE | 27.57                 | 241             | 293,570.052200  | 1,906,351.474200 |
| 241 -242 | 59°17'29"SE | 30.13                 | 242             | 293,595.953300  | 1,906,336.090100 |
| 242 -243 | 53°46'59"SE | 14.63                 | 243             | 293,607.758600  | 1,906,327.444600 |
| 243 -244 | 70°48'04"SE | 29.52                 | 244             | 293,635.634600  | 1,906,317.737800 |
| 244 -245 | 69°56'54"SE | 27.75                 | 245             | 293,661.705900  | 1,906,308.222000 |
| 245 -246 | 62°32'19"SE | 31.12                 | 246             | 293,689.318700  | 1,906,293.871400 |
| 246 -247 | 69°55'01"SE | 33.22                 | 247             | 293,720.516800  | 1,906,282.465100 |
| 247 -248 | 73°16'59"SE | 33.76                 | 248             | 293,752.849200  | 1,906,272.754500 |
| 248 -249 | 62°37'40"SE | 26.93                 | 249             | 293,776.760600  | 1,906,260.374800 |
| 249 -250 | 55°14'42"SE | 28.74                 | 250             | 293,800.375000  | 1,906,243.990000 |
| 250 -251 | 74°41'53"SE | 28.79                 | 251             | 293,828.149100  | 1,906,236.390900 |
| 251 -252 | 68°30'00"SE | 28.61                 | 252             | 293,854.769000  | 1,906,225.905100 |
| 252 -253 | 62°32'39"SE | 30.10                 | 253             | 293,881.479100  | 1,906,212.027000 |
| 253 -254 | 26°51'07"SW | 46.43                 | 254             | 293,860.508600  | 1,906,170.606100 |

A partir de este vértice 254 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 6,956.82 metros hasta llegar al vértice 255.

|        |             |       |     |                |                  |
|--------|-------------|-------|-----|----------------|------------------|
|        |             |       | 255 | 287,441.110400 | 1,908,689.181000 |
| 255 -1 | 05°57'28"NW | 53.73 | 1   |                |                  |

| Polígono general            | Superficie<br>(ha) | Zonificación    | Nombre                  | Superficie<br>(ha) |
|-----------------------------|--------------------|-----------------|-------------------------|--------------------|
| Playa Piedra de Tlacoyunque | 98.014235          | Amortiguamiento | Oeste-CETMAR            | 57.503340          |
|                             |                    |                 | Este-Barra de San Luis  | 5.694205           |
|                             |                    |                 | <b>Subtotal</b>         | <b>63.197545</b>   |
|                             |                    | Núcleo          | Estero de San Francisco | 34.816690          |
| <b>Total</b>                | <b>98.014235</b>   | <b>Total</b>    |                         | <b>98.014235</b>   |



### “Playa Tierra Colorada”

El Santuario conocido como Playa Tierra Colorada, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en los municipios de Marquelia y Cuajinicuilapa, en el estado de Guerrero, con una superficie total de 263-72-04.46 hectáreas (DOSCIENTAS SESENTA Y TRES HECTÁREAS, SETENTA Y DOS ÁREAS, CUATRO PUNTO CUARENTA Y SEIS CENTIÁREAS). En el área se ubica una zona de amortiguamiento con una superficie de 131-83-76.04 hectáreas (CIENTO TREINTA Y UNA HECTÁREAS, OCHENTA Y TRES ÁREAS, SETENTA Y SEIS PUNTO CUATRO CENTIÁREAS) y una zona núcleo con una superficie de 131-88-28.42 hectáreas (CIENTO TREINTA Y UNA HECTÁREAS, OCHENTA Y OCHO ÁREAS, VEINTIOCHO PUNTO CUARENTA Y DOS CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Tierra Colorada, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 14 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

### Polígono General

(Superficie 263-72-04.46 hectáreas)

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|--------------|-----------------|------------------|
|        |             |                       |              | X               | Y                |
|        |             |                       | 1            | 529,005.840886  | 1,824,337.985460 |
| 1 - 2  | 12°47'16"NE | 14.08                 | 2            | 529,008.956659  | 1,824,351.712990 |
| 2 - 3  | 15°55'40"NE | 8.57                  | 3            | 529,011.308181  | 1,824,359.952820 |
| 3 - 4  | 58°18'06"NE | 8.43                  | 4            | 529,018.476933  | 1,824,364.380000 |
| 4 - 5  | 78°31'31"NE | 15.28                 | 5            | 529,033.451299  | 1,824,367.419660 |
| 5 - 6  | 86°08'09"SE | 16.17                 | 6            | 529,049.587599  | 1,824,366.329770 |
| 6 - 7  | 51°43'16"SE | 19.80                 | 7            | 529,065.127829  | 1,824,354.066150 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 7 - 8   | 35°22'51"SE | 24.42                 | 8            | 529,079.266339  | 1,824,334.157360 |
| 8 - 9   | 24°36'14"SE | 19.05                 | 9            | 529,087.196032  | 1,824,316.840600 |
| 9 - 10  | 21°11'11"SE | 26.22                 | 10           | 529,096.671494  | 1,824,292.394350 |
| 10 - 11 | 37°39'07"SE | 23.65                 | 11           | 529,111.116998  | 1,824,273.671710 |
| 11 - 12 | 87°33'04"NE | 17.94                 | 12           | 529,129.036005  | 1,824,274.438020 |
| 12 - 13 | 09°22'47"SE | 32.33                 | 13           | 529,134.305855  | 1,824,242.536090 |
| 13 - 14 | 26°47'03"SE | 39.87                 | 14           | 529,152.274122  | 1,824,206.940940 |
| 14 - 15 | 36°09'20"SE | 49.02                 | 15           | 529,181.196995  | 1,824,167.358550 |
| 15 - 16 | 66°00'21"SE | 3.28                  | 16           | 529,184.197859  | 1,824,166.022850 |
| 16 - 17 | 41°09'08"SE | 7.48                  | 17           | 529,189.117867  | 1,824,160.393350 |
| 17 - 18 | 49°23'49"SE | 17.10                 | 18           | 529,202.099295  | 1,824,149.265820 |
| 18 - 19 | 38°24'25"SE | 0.40                  | 19           | 529,202.348945  | 1,824,148.950920 |
| 19 - 20 | 38°24'25"SE | 79.06                 | 20           | 529,251.464300  | 1,824,086.998440 |
| 20 - 21 | 44°47'20"SE | 55.38                 | 21           | 529,290.479522  | 1,824,047.694920 |
| 21 - 22 | 47°01'39"SE | 8.20                  | 22           | 529,296.478530  | 1,824,042.106170 |
| 22 - 23 | 45°48'37"SE | 17.69                 | 23           | 529,309.165783  | 1,824,029.772840 |
| 23 - 24 | 42°33'04"SE | 16.28                 | 24           | 529,320.174824  | 1,824,017.780190 |
| 24 - 25 | 44°47'20"SE | 31.95                 | 25           | 529,342.683890  | 1,823,995.104800 |
| 25 - 26 | 43°13'25"SE | 17.21                 | 26           | 529,354.470684  | 1,823,982.563600 |
| 26 - 27 | 45°23'08"SE | 9.84                  | 27           | 529,361.475000  | 1,823,975.652940 |
| 27 - 28 | 43°29'13"SE | 10.66                 | 28           | 529,368.810732  | 1,823,967.919230 |
| 28 - 29 | 43°29'13"SE | 11.35                 | 29           | 529,376.618322  | 1,823,959.688050 |
| 29 - 30 | 43°29'13"SE | 11.27                 | 30           | 529,384.373589  | 1,823,951.512040 |
| 30 - 31 | 43°39'03"SE | 13.69                 | 31           | 529,393.823695  | 1,823,941.606120 |
| 31 - 32 | 43°42'09"SE | 20.90                 | 32           | 529,408.264230  | 1,823,926.496400 |
| 32 - 33 | 43°43'27"SE | 24.46                 | 33           | 529,425.171487  | 1,823,908.819010 |
| 33 - 34 | 43°29'29"SE | 22.60                 | 34           | 529,440.727760  | 1,823,892.421310 |
| 34 - 35 | 41°48'10"SE | 24.01                 | 35           | 529,456.735281  | 1,823,874.519750 |
| 35 - 36 | 42°38'48"SE | 16.99                 | 36           | 529,468.247854  | 1,823,862.020390 |
| 36 - 37 | 42°56'42"SE | 21.65                 | 37           | 529,483.000393  | 1,823,846.169760 |
| 37 - 38 | 40°24'33"SE | 21.74                 | 38           | 529,497.093140  | 1,823,829.616250 |
| 38 - 39 | 39°51'17"SE | 7.01                  | 39           | 529,501.587424  | 1,823,824.232510 |
| 39 - 40 | 42°23'31"SE | 83.74                 | 40           | 529,558.046698  | 1,823,762.384840 |
| 40 - 41 | 38°27'17"SE | 128.76                | 41           | 529,638.121806  | 1,823,661.554150 |
| 41 - 42 | 40°36'39"SE | 1.22                  | 42           | 529,638.913401  | 1,823,660.630940 |
| 42 - 43 | 37°44'38"SE | 3.69                  | 43           | 529,641.170073  | 1,823,657.715770 |
| 43 - 44 | 38°27'17"SE | 70.81                 | 44           | 529,685.204114  | 1,823,602.268050 |
| 44 - 45 | 38°10'18"SE | 29.77                 | 45           | 529,703.604844  | 1,823,578.861270 |
| 45 - 46 | 41°43'30"SE | 13.74                 | 46           | 529,712.752633  | 1,823,568.603100 |
| 46 - 47 | 41°43'30"SE | 8.43                  | 47           | 529,718.364599  | 1,823,562.309940 |
| 47 - 48 | 37°18'01"SE | 45.06                 | 48           | 529,745.672300  | 1,823,526.463940 |
| 48 - 49 | 36°12'44"SE | 20.15                 | 49           | 529,757.576756  | 1,823,510.205940 |
| 49 - 50 | 38°10'18"SE | 13.88                 | 50           | 529,766.151848  | 1,823,499.297940 |
| 50 - 51 | 33°08'45"SE | 9.76                  | 51           | 529,771.489102  | 1,823,491.124980 |
| 51 - 52 | 37°36'34"SE | 21.76                 | 52           | 529,784.766791  | 1,823,473.889550 |
| 52 - 53 | 37°07'09"SE | 15.80                 | 53           | 529,794.304605  | 1,823,461.287070 |
| 53 - 54 | 37°29'59"SE | 22.43                 | 54           | 529,807.956449  | 1,823,443.495580 |
| 54 - 55 | 36°10'34"SE | 15.84                 | 55           | 529,817.307873  | 1,823,430.707300 |
| 55 - 56 | 37°46'44"SE | 16.18                 | 56           | 529,827.219331  | 1,823,417.919800 |
| 56 - 57 | 37°56'41"SE | 10.34                 | 57           | 529,833.577563  | 1,823,409.765500 |
| 57 - 58 | 44°26'57"SE | 9.34                  | 58           | 529,840.120419  | 1,823,403.095650 |
| 58 - 59 | 37°53'53"SE | 8.22                  | 59           | 529,845.169625  | 1,823,396.609270 |
| 59 - 60 | 59°39'17"SE | 1.37                  | 60           | 529,846.355669  | 1,823,395.914950 |
| 60 - 61 | 37°41'19"SE | 6.65                  | 61           | 529,850.422285  | 1,823,390.651250 |
| 61 - 62 | 40°51'12"SE | 7.16                  | 62           | 529,855.102900  | 1,823,385.238940 |
| 62 - 63 | 34°55'25"SE | 14.24                 | 63           | 529,863.252897  | 1,823,373.566520 |
| 63 - 64 | 35°31'59"SE | 55.98                 | 64           | 529,895.785942  | 1,823,328.012940 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 64 - 65   | 36°50'22"SE | 6.56                  | 65           | 529,899.717377  | 1,823,322.765230 |
| 65 - 66   | 41°48'05"SE | 29.57                 | 66           | 529,919.426281  | 1,823,300.723110 |
| 66 - 67   | 32°00'19"SE | 27.27                 | 67           | 529,933.877298  | 1,823,277.601480 |
| 67 - 68   | 35°25'01"SE | 18.88                 | 68           | 529,944.819549  | 1,823,262.213940 |
| 68 - 69   | 39°00'38"SE | 33.79                 | 69           | 529,966.089081  | 1,823,235.958280 |
| 69 - 70   | 43°11'09"SE | 11.15                 | 70           | 529,973.720756  | 1,823,227.827400 |
| 70 - 71   | 40°51'53"SE | 17.17                 | 71           | 529,984.952385  | 1,823,214.845210 |
| 71 - 72   | 41°00'22"SE | 13.89                 | 72           | 529,994.063122  | 1,823,204.366780 |
| 72 - 73   | 41°00'22"SE | 15.83                 | 73           | 530,004.448000  | 1,823,192.422940 |
| 73 - 74   | 38°02'52"SE | 14.71                 | 74           | 530,013.516729  | 1,823,180.835430 |
| 74 - 75   | 38°02'52"SE | 12.62                 | 75           | 530,021.294587  | 1,823,170.897320 |
| 75 - 76   | 38°02'52"SE | 12.86                 | 76           | 530,029.222862  | 1,823,160.767020 |
| 76 - 77   | 41°18'42"SE | 9.17                  | 77           | 530,035.274431  | 1,823,153.881540 |
| 77 - 78   | 43°36'48"SE | 11.01                 | 78           | 530,042.870977  | 1,823,145.908100 |
| 78 - 79   | 43°36'48"SE | 11.55                 | 79           | 530,050.838563  | 1,823,137.545220 |
| 79 - 80   | 42°10'49"SE | 16.79                 | 80           | 530,062.114203  | 1,823,125.101430 |
| 80 - 81   | 40°25'47"SE | 19.25                 | 81           | 530,074.599784  | 1,823,110.446400 |
| 81 - 82   | 40°25'47"SE | 18.33                 | 82           | 530,086.485102  | 1,823,096.495940 |
| 82 - 83   | 32°18'42"SE | 18.53                 | 83           | 530,096.392357  | 1,823,080.831320 |
| 83 - 84   | 40°37'09"SE | 27.91                 | 84           | 530,114.564080  | 1,823,059.644410 |
| 84 - 85   | 35°27'52"SE | 44.78                 | 85           | 530,140.544636  | 1,823,023.173510 |
| 85 - 86   | 83°37'06"NE | 3.47                  | 86           | 530,143.998056  | 1,823,023.559750 |
| 86 - 87   | 42°31'48"SE | 11.06                 | 87           | 530,151.476590  | 1,823,015.406960 |
| 87 - 88   | 36°24'25"SE | 11.97                 | 88           | 530,158.583852  | 1,823,005.769420 |
| 88 - 89   | 24°39'27"SE | 4.49                  | 89           | 530,160.456345  | 1,823,001.690410 |
| 89 - 90   | 53°22'48"SE | 11.18                 | 90           | 530,169.426239  | 1,822,995.023940 |
| 90 - 91   | 35°07'18"SE | 14.96                 | 91           | 530,178.030579  | 1,822,982.791090 |
| 91 - 92   | 49°14'46"SE | 11.35                 | 92           | 530,186.628170  | 1,822,975.381980 |
| 92 - 93   | 36°16'34"SE | 5.06                  | 93           | 530,189.620740  | 1,822,971.304530 |
| 93 - 94   | 53°22'48"SE | 3.73                  | 94           | 530,192.610711  | 1,822,969.082380 |
| 94 - 95   | 57°46'09"SE | 9.72                  | 95           | 530,200.831835  | 1,822,963.899090 |
| 95 - 96   | 39°14'40"SE | 10.05                 | 96           | 530,207.189821  | 1,822,956.115780 |
| 96 - 97   | 03°55'04"SE | 5.58                  | 97           | 530,207.570982  | 1,822,950.550440 |
| 97 - 98   | 45°15'26"SE | 7.90                  | 98           | 530,213.179138  | 1,822,944.992430 |
| 98 - 99   | 37°49'12"SE | 6.10                  | 99           | 530,216.919472  | 1,822,940.173920 |
| 99 - 100  | 69°58'12"SE | 7.55                  | 100          | 530,224.016899  | 1,822,937.586460 |
| 100 - 101 | 78°50'18"SE | 9.52                  | 101          | 530,233.353428  | 1,822,935.744270 |
| 101 - 102 | 00°04'49"SE | 6.31                  | 102          | 530,233.362279  | 1,822,929.436290 |
| 102 - 103 | 28°18'00"SE | 6.32                  | 103          | 530,236.356947  | 1,822,923.874610 |
| 103 - 104 | 41°36'13"SE | 12.39                 | 104          | 530,244.583829  | 1,822,914.609690 |
| 104 - 105 | 58°28'44"SE | 9.21                  | 105          | 530,252.431107  | 1,822,909.796940 |
| 105 - 106 | 38°37'13"SE | 11.39                 | 106          | 530,259.537407  | 1,822,900.901500 |
| 106 - 107 | 10°28'28"SW | 4.99                  | 107          | 530,258.629674  | 1,822,895.991650 |
| 107 - 108 | 48°59'14"SE | 1.36                  | 108          | 530,259.657170  | 1,822,895.098060 |
| 108 - 109 | 37°07'13"SE | 56.74                 | 109          | 530,293.901310  | 1,822,849.852790 |
| 109 - 110 | 41°44'30"SE | 12.90                 | 110          | 530,302.489685  | 1,822,840.227540 |
| 110 - 111 | 43°26'06"SE | 34.00                 | 111          | 530,325.867615  | 1,822,815.536450 |
| 111 - 112 | 35°38'17"SE | 10.54                 | 112          | 530,332.006753  | 1,822,806.973430 |
| 112 - 113 | 43°37'14"SE | 70.76                 | 113          | 530,380.821812  | 1,822,755.749850 |
| 113 - 114 | 36°51'26"SE | 35.70                 | 114          | 530,402.235571  | 1,822,727.185290 |
| 114 - 115 | 46°53'32"SE | 19.00                 | 115          | 530,416.105894  | 1,822,714.202210 |
| 115 - 116 | 35°52'12"SE | 33.45                 | 116          | 530,435.705865  | 1,822,687.096080 |
| 116 - 117 | 37°45'11"SE | 19.25                 | 117          | 530,447.491085  | 1,822,671.877060 |
| 117 - 118 | 40°58'00"SE | 42.07                 | 118          | 530,475.072322  | 1,822,640.111410 |
| 118 - 119 | 35°01'29"SE | 5.86                  | 119          | 530,478.434788  | 1,822,635.313760 |
| 119 - 120 | 48°32'00"SE | 7.42                  | 120          | 530,483.995528  | 1,822,630.399840 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 120 - 121 | 34°28'00"SE | 24.20                 | 121          | 530,497.691656  | 1,822,610.447010 |
| 121 - 122 | 33°12'08"SE | 31.98                 | 122          | 530,515.201164  | 1,822,583.692160 |
| 122 - 123 | 39°08'24"SE | 2.62                  | 123          | 530,516.852727  | 1,822,581.662810 |
| 123 - 124 | 40°45'32"SE | 87.25                 | 124          | 530,573.816844  | 1,822,515.573550 |
| 124 - 125 | 31°22'38"SE | 4.02                  | 125          | 530,575.910901  | 1,822,512.139870 |
| 125 - 126 | 43°20'52"SE | 2.93                  | 126          | 530,577.920862  | 1,822,510.010530 |
| 126 - 127 | 32°40'44"SE | 33.05                 | 127          | 530,595.765947  | 1,822,482.191500 |
| 127 - 128 | 33°41'24"SE | 30.21                 | 128          | 530,612.521597  | 1,822,457.058200 |
| 128 - 129 | 35°18'40"SE | 29.57                 | 129          | 530,629.613305  | 1,822,432.928870 |
| 129 - 130 | 37°28'05"SE | 32.33                 | 130          | 530,649.282224  | 1,822,407.266270 |
| 130 - 131 | 38°51'09"SE | 34.84                 | 131          | 530,671.138861  | 1,822,380.133300 |
| 131 - 132 | 28°47'10"SE | 14.28                 | 132          | 530,678.013922  | 1,822,367.620520 |
| 132 - 133 | 31°37'56"SE | 23.90                 | 133          | 530,690.546452  | 1,822,347.274960 |
| 133 - 134 | 29°53'36"SE | 62.43                 | 134          | 530,721.661611  | 1,822,293.149620 |
| 134 - 135 | 33°44'47"SE | 0.49                  | 135          | 530,721.935388  | 1,822,292.739830 |
| 135 - 136 | 35°41'38"SE | 33.95                 | 136          | 530,741.741816  | 1,822,265.170160 |
| 136 - 137 | 34°32'39"SE | 34.00                 | 137          | 530,761.023524  | 1,822,237.161470 |
| 137 - 138 | 40°07'49"SE | 28.43                 | 138          | 530,779.347336  | 1,822,215.424660 |
| 138 - 139 | 43°04'01"SE | 16.78                 | 139          | 530,790.808971  | 1,822,203.162420 |
| 139 - 140 | 29°32'47"SE | 24.45                 | 140          | 530,802.866556  | 1,822,181.891120 |
| 140 - 141 | 35°12'26"SE | 32.92                 | 141          | 530,821.847112  | 1,822,154.991790 |
| 141 - 142 | 26°04'50"SE | 31.89                 | 142          | 530,835.868820  | 1,822,126.345520 |
| 142 - 143 | 29°32'32"SE | 26.60                 | 143          | 530,848.982099  | 1,822,103.207880 |
| 143 - 144 | 43°09'44"SE | 23.47                 | 144          | 530,865.035578  | 1,822,086.090170 |
| 144 - 145 | 32°04'21"SE | 17.33                 | 145          | 530,874.239016  | 1,822,071.403100 |
| 145 - 146 | 18°14'04"SE | 3.88                  | 146          | 530,875.454252  | 1,822,067.714460 |
| 146 - 147 | 33°13'56"SE | 2.62                  | 147          | 530,876.887404  | 1,822,065.527080 |
| 147 - 148 | 10°51'36"SE | 5.27                  | 148          | 530,877.880761  | 1,822,060.349200 |
| 148 - 149 | 18°14'05"SE | 0.30                  | 149          | 530,877.973639  | 1,822,060.067290 |
| 149 - 150 | 27°05'24"SE | 25.94                 | 150          | 530,889.785535  | 1,822,036.975030 |
| 150 - 151 | 36°23'46"SE | 15.13                 | 151          | 530,898.762037  | 1,822,024.797960 |
| 151 - 152 | 36°23'46"SE | 17.08                 | 152          | 530,908.898775  | 1,822,011.046980 |
| 152 - 153 | 35°38'59"SE | 24.75                 | 153          | 530,923.325641  | 1,821,990.932770 |
| 153 - 154 | 33°40'15"SE | 10.22                 | 154          | 530,928.993402  | 1,821,982.424970 |
| 154 - 155 | 35°24'51"SE | 22.27                 | 155          | 530,941.900370  | 1,821,964.272760 |
| 155 - 156 | 33°36'40"SE | 30.54                 | 156          | 530,958.803904  | 1,821,938.841850 |
| 156 - 157 | 26°20'47"SE | 31.39                 | 157          | 530,972.732632  | 1,821,910.716830 |
| 157 - 158 | 25°59'06"SE | 33.39                 | 158          | 530,987.362517  | 1,821,880.701340 |
| 158 - 159 | 32°23'31"SE | 32.03                 | 159          | 531,004.521942  | 1,821,853.654190 |
| 159 - 160 | 25°38'40"SE | 33.47                 | 160          | 531,019.006900  | 1,821,823.482090 |
| 160 - 161 | 31°50'04"SE | 32.09                 | 161          | 531,035.932491  | 1,821,796.220650 |
| 161 - 162 | 23°55'10"SE | 28.82                 | 162          | 531,047.619102  | 1,821,769.872530 |
| 162 - 163 | 32°58'48"SE | 33.51                 | 163          | 531,065.860227  | 1,821,741.762260 |
| 163 - 164 | 29°40'32"SE | 28.88                 | 164          | 531,080.157186  | 1,821,716.672260 |
| 164 - 165 | 31°37'16"SE | 29.04                 | 165          | 531,095.382022  | 1,821,691.945160 |
| 165 - 166 | 27°45'38"SE | 6.50                  | 166          | 531,098.407303  | 1,821,686.197660 |
| 166 - 167 | 30°58'42"SE | 48.51                 | 167          | 531,123.374901  | 1,821,644.609320 |
| 167 - 168 | 41°53'36"SE | 20.53                 | 168          | 531,137.083787  | 1,821,629.326960 |
| 168 - 169 | 14°21'51"SE | 16.69                 | 169          | 531,141.225075  | 1,821,613.156040 |
| 169 - 170 | 29°17'17"SE | 0.06                  | 170          | 531,141.255549  | 1,821,613.101710 |
| 170 - 171 | 12°22'03"SE | 41.06                 | 171          | 531,150.049751  | 1,821,572.995440 |
| 171 - 172 | 29°10'22"SE | 36.10                 | 172          | 531,167.644246  | 1,821,541.478870 |
| 172 - 173 | 61°25'17"SE | 0.73                  | 173          | 531,168.281572  | 1,821,541.131700 |
| 173 - 174 | 20°31'17"SE | 0.73                  | 174          | 531,168.537681  | 1,821,540.447490 |
| 174 - 175 | 32°59'41"SE | 24.69                 | 175          | 531,181.981269  | 1,821,519.742140 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 175 - 176 | 32°08'21"SE | 31.44                 | 176          | 531,198.705858  | 1,821,493.121560 |
| 176 - 177 | 36°26'57"SE | 30.93                 | 177          | 531,217.083692  | 1,821,468.239370 |
| 177 - 178 | 27°53'38"SE | 38.46                 | 178          | 531,235.078553  | 1,821,434.244370 |
| 178 - 179 | 28°05'55"SE | 15.34                 | 179          | 531,242.302702  | 1,821,420.714010 |
| 179 - 180 | 29°31'32"SE | 11.25                 | 180          | 531,247.848910  | 1,821,410.921350 |
| 180 - 181 | 32°20'56"SE | 19.06                 | 181          | 531,258.048181  | 1,821,394.818160 |
| 181 - 182 | 34°41'41"SE | 18.13                 | 182          | 531,268.366920  | 1,821,379.913180 |
| 182 - 183 | 29°58'40"SE | 17.94                 | 183          | 531,277.329573  | 1,821,364.375600 |
| 183 - 184 | 32°20'56"SE | 14.88                 | 184          | 531,285.294054  | 1,821,351.800820 |
| 184 - 185 | 39°30'30"SE | 13.79                 | 185          | 531,294.068240  | 1,821,341.160070 |
| 185 - 186 | 26°12'40"SE | 7.31                  | 186          | 531,297.295052  | 1,821,334.605610 |
| 186 - 187 | 33°47'55"SE | 18.17                 | 187          | 531,307.402807  | 1,821,319.506110 |
| 187 - 188 | 34°36'34"SE | 20.02                 | 188          | 531,318.775225  | 1,821,303.026820 |
| 188 - 189 | 32°10'39"SE | 3.51                  | 189          | 531,320.641878  | 1,821,300.060050 |
| 189 - 190 | 35°14'30"SE | 21.44                 | 190          | 531,333.015400  | 1,821,282.546550 |
| 190 - 191 | 60°53'08"SE | 11.03                 | 191          | 531,342.648541  | 1,821,277.181690 |
| 191 - 192 | 31°47'03"SE | 12.43                 | 192          | 531,349.193558  | 1,821,266.619250 |
| 192 - 193 | 42°38'02"SE | 11.61                 | 193          | 531,357.056078  | 1,821,258.079000 |
| 193 - 194 | 47°18'18"SE | 12.04                 | 194          | 531,365.903752  | 1,821,249.916090 |
| 194 - 195 | 37°42'53"SE | 14.77                 | 195          | 531,374.939222  | 1,821,238.231850 |
| 195 - 196 | 49°39'24"SE | 17.17                 | 196          | 531,388.023961  | 1,821,227.118250 |
| 196 - 197 | 55°57'39"SE | 9.92                  | 197          | 531,396.246578  | 1,821,221.563900 |
| 197 - 198 | 52°41'08"SE | 24.44                 | 198          | 531,415.684328  | 1,821,206.748680 |
| 198 - 199 | 55°15'27"SE | 22.74                 | 199          | 531,434.372625  | 1,821,193.787820 |
| 199 - 200 | 65°53'25"SE | 4.14                  | 200          | 531,438.151521  | 1,821,192.096690 |
| 200 - 201 | 52°28'44"SE | 3.39                  | 201          | 531,440.837381  | 1,821,190.034200 |
| 201 - 202 | 44°22'44"SE | 1.75                  | 202          | 531,442.063863  | 1,821,188.780840 |
| 202 - 203 | 55°27'18"SE | 0.21                  | 203          | 531,442.236167  | 1,821,188.662220 |
| 203 - 204 | 48°20'19"SE | 33.47                 | 204          | 531,467.244355  | 1,821,166.411120 |
| 204 - 205 | 37°50'08"SE | 20.64                 | 205          | 531,479.903533  | 1,821,150.112060 |
| 205 - 206 | 44°22'44"SE | 12.58                 | 206          | 531,488.702516  | 1,821,141.120280 |
| 206 - 207 | 29°02'39"SE | 10.38                 | 207          | 531,493.740304  | 1,821,132.048380 |
| 207 - 208 | 37°03'50"SE | 17.53                 | 208          | 531,504.308185  | 1,821,118.056930 |
| 208 - 209 | 06°24'48"SE | 6.36                  | 209          | 531,505.018318  | 1,821,111.739270 |
| 209 - 210 | 29°02'37"SE | 0.32                  | 210          | 531,505.174975  | 1,821,111.457160 |
| 210 - 211 | 25°25'17"SE | 69.80                 | 211          | 531,535.138334  | 1,821,048.415570 |
| 211 - 212 | 25°28'25"SE | 43.54                 | 212          | 531,553.865384  | 1,821,009.107280 |
| 212 - 213 | 17°19'12"SE | 53.68                 | 213          | 531,569.847526  | 1,820,957.857720 |
| 213 - 214 | 25°03'44"SE | 20.74                 | 214          | 531,578.633688  | 1,820,939.069240 |
| 214 - 215 | 15°02'59"SE | 22.10                 | 215          | 531,584.372747  | 1,820,917.724930 |
| 215 - 216 | 00°28'44"SW | 18.34                 | 216          | 531,584.219468  | 1,820,899.389070 |
| 216 - 217 | 21°08'55"SW | 0.24                  | 217          | 531,584.134493  | 1,820,899.169410 |
| 217 - 218 | 33°03'34"SE | 38.15                 | 218          | 531,604.947807  | 1,820,867.192620 |
| 218 - 219 | 24°33'29"SE | 42.18                 | 219          | 531,622.476571  | 1,820,828.832690 |
| 219 - 220 | 30°58'49"SE | 42.75                 | 220          | 531,644.479795  | 1,820,792.184610 |
| 220 - 221 | 31°56'17"SE | 28.76                 | 221          | 531,659.696160  | 1,820,767.774860 |
| 221 - 222 | 32°31'24"SE | 17.19                 | 222          | 531,668.937181  | 1,820,753.282430 |
| 222 - 223 | 32°31'24"SE | 11.70                 | 223          | 531,675.230011  | 1,820,743.413560 |
| 223 - 224 | 33°44'11"SE | 14.46                 | 224          | 531,683.261298  | 1,820,731.387830 |
| 224 - 225 | 34°51'11"SE | 16.32                 | 225          | 531,692.590237  | 1,820,717.991800 |
| 225 - 226 | 34°51'11"SE | 1.47                  | 226          | 531,693.428462  | 1,820,716.788140 |
| 226 - 227 | 38°30'38"SE | 1.73                  | 227          | 531,694.505128  | 1,820,715.435110 |
| 227 - 228 | 32°20'25"SE | 2.52                  | 228          | 531,695.851066  | 1,820,713.309360 |
| 228 - 229 | 34°51'11"SE | 16.01                 | 229          | 531,705.001901  | 1,820,700.169080 |
| 229 - 230 | 30°46'44"SE | 18.43                 | 230          | 531,714.430573  | 1,820,684.339200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 230 - 231 | 29°26'28"SE | 22.51                 | 231          | 531,725.496037  | 1,820,664.734090 |
| 231 - 232 | 31°29'37"SE | 19.30                 | 232          | 531,735.576116  | 1,820,648.280930 |
| 232 - 233 | 33°26'35"SE | 19.12                 | 233          | 531,746.113589  | 1,820,632.326240 |
| 233 - 234 | 33°26'35"SE | 14.49                 | 234          | 531,754.101566  | 1,820,620.231730 |
| 234 - 235 | 44°33'45"SE | 21.43                 | 235          | 531,769.138853  | 1,820,604.963110 |
| 235 - 236 | 49°04'28"SE | 1.27                  | 236          | 531,770.100843  | 1,820,604.129060 |
| 236 - 237 | 49°04'28"SE | 24.55                 | 237          | 531,788.649655  | 1,820,588.047190 |
| 237 - 238 | 46°19'48"SE | 23.79                 | 238          | 531,805.859248  | 1,820,571.618630 |
| 238 - 239 | 44°52'07"SE | 37.17                 | 239          | 531,832.079867  | 1,820,545.277620 |
| 239 - 240 | 39°53'58"SE | 32.59                 | 240          | 531,852.987048  | 1,820,520.272490 |
| 240 - 241 | 38°59'24"SE | 26.71                 | 241          | 531,869.789958  | 1,820,499.515410 |
| 241 - 242 | 38°01'51"SE | 23.91                 | 242          | 531,884.523005  | 1,820,480.678970 |
| 242 - 243 | 42°01'15"SE | 35.78                 | 243          | 531,908.474757  | 1,820,454.097390 |
| 243 - 244 | 39°22'50"SE | 13.91                 | 244          | 531,917.298951  | 1,820,443.347300 |
| 244 - 245 | 42°41'52"SE | 7.66                  | 245          | 531,922.494083  | 1,820,437.716960 |
| 245 - 246 | 39°12'17"SE | 19.85                 | 246          | 531,935.040616  | 1,820,422.336100 |
| 246 - 247 | 36°03'06"SE | 6.58                  | 247          | 531,938.915706  | 1,820,417.012650 |
| 247 - 248 | 39°22'50"SE | 23.95                 | 248          | 531,954.112055  | 1,820,398.499670 |
| 248 - 249 | 32°01'51"SE | 30.92                 | 249          | 531,970.510024  | 1,820,372.288880 |
| 249 - 250 | 33°44'26"SE | 2.45                  | 250          | 531,971.870445  | 1,820,370.252160 |
| 250 - 251 | 33°44'27"SE | 24.77                 | 251          | 531,985.631002  | 1,820,349.650940 |
| 251 - 252 | 42°17'17"SE | 22.43                 | 252          | 532,000.721921  | 1,820,333.059390 |
| 252 - 253 | 42°17'17"SE | 27.44                 | 253          | 532,019.186382  | 1,820,312.758830 |
| 253 - 254 | 44°09'36"SE | 8.62                  | 254          | 532,025.194931  | 1,820,306.571510 |
| 254 - 255 | 28°50'40"SE | 1.21                  | 255          | 532,025.779556  | 1,820,305.510040 |
| 255 - 256 | 42°17'17"SE | 2.92                  | 256          | 532,027.746100  | 1,820,303.347940 |
| 256 - 257 | 32°32'20"SE | 19.55                 | 257          | 532,038.262968  | 1,820,286.864550 |
| 257 - 258 | 32°32'20"SE | 28.27                 | 258          | 532,053.470150  | 1,820,263.029900 |
| 258 - 259 | 39°06'03"SE | 19.76                 | 259          | 532,065.931341  | 1,820,247.696880 |
| 259 - 260 | 42°09'21"SE | 16.07                 | 260          | 532,076.719901  | 1,820,235.780410 |
| 260 - 261 | 55°19'54"SE | 3.58                  | 261          | 532,079.667466  | 1,820,233.741840 |
| 261 - 262 | 33°46'07"SW | 0.84                  | 262          | 532,079.199356  | 1,820,233.041760 |
| 262 - 263 | 42°09'21"SE | 4.35                  | 263          | 532,082.117813  | 1,820,229.818190 |
| 263 - 264 | 42°09'21"SE | 5.75                  | 264          | 532,085.975701  | 1,820,225.556970 |
| 264 - 265 | 44°34'38"SE | 49.24                 | 265          | 532,120.534101  | 1,820,190.484970 |
| 265 - 266 | 42°51'17"SE | 12.05                 | 266          | 532,128.729020  | 1,820,181.652220 |
| 266 - 267 | 69°09'56"SE | 0.54                  | 267          | 532,129.237783  | 1,820,181.458610 |
| 267 - 268 | 42°11'54"SE | 78.58                 | 268          | 532,182.017927  | 1,820,123.246880 |
| 268 - 269 | 43°09'51"SE | 71.89                 | 269          | 532,231.199284  | 1,820,070.808580 |
| 269 - 270 | 44°48'15"SE | 16.45                 | 270          | 532,242.792373  | 1,820,059.136000 |
| 270 - 271 | 77°27'36"NE | 0.71                  | 271          | 532,243.481333  | 1,820,059.289240 |
| 271 - 272 | 42°35'55"SE | 13.42                 | 272          | 532,252.566906  | 1,820,049.408350 |
| 272 - 273 | 45°49'18"SE | 34.57                 | 273          | 532,277.361601  | 1,820,025.314940 |
| 273 - 274 | 43°26'36"SE | 21.33                 | 274          | 532,292.027648  | 1,820,009.829600 |
| 274 - 275 | 43°26'35"SE | 0.81                  | 275          | 532,292.587533  | 1,820,009.238430 |
| 275 - 276 | 43°26'36"SE | 18.56                 | 276          | 532,305.348328  | 1,819,995.764770 |
| 276 - 277 | 44°32'14"SE | 4.78                  | 277          | 532,308.699405  | 1,819,992.359150 |
| 277 - 278 | 25°54'21"SE | 16.30                 | 278          | 532,315.822287  | 1,819,977.694080 |
| 278 - 279 | 26°26'54"SE | 13.88                 | 279          | 532,322.002152  | 1,819,965.271160 |
| 279 - 280 | 25°07'33"SE | 11.47                 | 280          | 532,326.872033  | 1,819,954.887380 |
| 280 - 281 | 40°46'05"SE | 16.88                 | 281          | 532,337.895052  | 1,819,942.102740 |
| 281 - 282 | 40°21'57"SE | 24.43                 | 282          | 532,353.719301  | 1,819,923.486940 |
| 282 - 283 | 41°14'00"SE | 2.01                  | 283          | 532,355.041121  | 1,819,921.978820 |
| 283 - 284 | 42°04'55"SE | 49.11                 | 284          | 532,387.953514  | 1,819,885.531070 |
| 284 - 285 | 45°30'16"SE | 7.00                  | 285          | 532,392.949737  | 1,819,880.622080 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 285 - 286 | 45°30'16"SE | 32.51                 | 286          | 532,416.140802  | 1,819,857.835940 |
| 286 - 287 | 43°35'11"SE | 27.22                 | 287          | 532,434.908992  | 1,819,838.118190 |
| 287 - 288 | 47°59'18"SE | 3.18                  | 288          | 532,437.274558  | 1,819,835.987370 |
| 288 - 289 | 41°39'37"SE | 12.58                 | 289          | 532,445.634277  | 1,819,826.591600 |
| 289 - 290 | 45°47'19"SE | 14.35                 | 290          | 532,455.918161  | 1,819,816.587040 |
| 290 - 291 | 46°37'36"SE | 16.59                 | 291          | 532,467.977854  | 1,819,805.193470 |
| 291 - 292 | 46°58'52"SE | 13.17                 | 292          | 532,477.606752  | 1,819,796.208480 |
| 292 - 293 | 45°15'47"SE | 7.37                  | 293          | 532,482.842339  | 1,819,791.020780 |
| 293 - 294 | 46°03'45"SE | 7.08                  | 294          | 532,487.937481  | 1,819,786.111200 |
| 294 - 295 | 44°01'03"SE | 7.57                  | 295          | 532,493.196796  | 1,819,780.668400 |
| 295 - 296 | 44°16'45"SE | 17.24                 | 296          | 532,505.234622  | 1,819,768.323820 |
| 296 - 297 | 44°38'41"SE | 24.38                 | 297          | 532,522.367760  | 1,819,750.976890 |
| 297 - 298 | 45°30'18"SE | 27.29                 | 298          | 532,541.837450  | 1,819,731.847500 |
| 298 - 299 | 45°15'48"SE | 9.25                  | 299          | 532,548.405347  | 1,819,725.339720 |
| 299 - 300 | 49°47'28"SE | 19.80                 | 300          | 532,563.524562  | 1,819,712.559090 |
| 300 - 301 | 49°51'34"SE | 13.76                 | 301          | 532,574.040224  | 1,819,703.691410 |
| 301 - 302 | 49°59'10"SE | 10.19                 | 302          | 532,581.845142  | 1,819,697.139100 |
| 302 - 303 | 49°32'45"SE | 5.07                  | 303          | 532,585.700944  | 1,819,693.851280 |
| 303 - 304 | 49°21'45"SE | 2.19                  | 304          | 532,587.360122  | 1,819,692.427320 |
| 304 - 305 | 48°55'34"SE | 0.84                  | 305          | 532,587.991089  | 1,819,691.877400 |
| 305 - 306 | 50°13'50"SE | 0.38                  | 306          | 532,588.283186  | 1,819,691.634300 |
| 306 - 307 | 79°47'45"SE | 0.03                  | 307          | 532,588.311797  | 1,819,691.629150 |
| 307 - 308 | 46°39'36"SE | 0.48                  | 308          | 532,588.664507  | 1,819,691.296310 |
| 308 - 309 | 49°09'49"SE | 45.91                 | 309          | 532,623.402300  | 1,819,661.272940 |
| 309 - 310 | 48°10'13"SE | 52.98                 | 310          | 532,662.879999  | 1,819,625.938940 |
| 310 - 311 | 46°04'57"SE | 40.93                 | 311          | 532,692.364022  | 1,819,597.548580 |
| 311 - 312 | 48°22'24"SE | 4.85                  | 312          | 532,695.987556  | 1,819,594.328460 |
| 312 - 313 | 38°37'36"SE | 2.53                  | 313          | 532,697.565492  | 1,819,592.353700 |
| 313 - 314 | 47°46'36"SE | 13.51                 | 314          | 532,707.568137  | 1,819,583.276510 |
| 314 - 315 | 47°24'58"SE | 8.76                  | 315          | 532,714.018558  | 1,819,577.348420 |
| 315 - 316 | 47°48'28"SE | 11.86                 | 316          | 532,722.805927  | 1,819,569.382730 |
| 316 - 317 | 46°54'49"SE | 16.00                 | 317          | 532,734.491780  | 1,819,558.452510 |
| 317 - 318 | 47°18'31"SE | 11.07                 | 318          | 532,742.624981  | 1,819,550.949730 |
| 318 - 319 | 47°45'10"SE | 22.73                 | 319          | 532,759.451949  | 1,819,535.666680 |
| 319 - 320 | 48°30'08"SE | 13.98                 | 320          | 532,769.921699  | 1,819,526.404640 |
| 320 - 321 | 56°45'32"SE | 14.86                 | 321          | 532,782.350206  | 1,819,518.258930 |
| 321 - 322 | 56°52'17"SE | 9.48                  | 322          | 532,790.293208  | 1,819,513.075350 |
| 322 - 323 | 56°49'04"SE | 5.73                  | 323          | 532,795.088223  | 1,819,509.939730 |
| 323 - 324 | 56°28'05"SE | 2.01                  | 324          | 532,796.764457  | 1,819,508.828920 |
| 324 - 325 | 57°12'03"SE | 0.58                  | 325          | 532,797.249208  | 1,819,508.516530 |
| 325 - 326 | 55°38'27"SE | 0.50                  | 326          | 532,797.663899  | 1,819,508.233020 |
| 326 - 327 | 60°22'12"SE | 0.24                  | 327          | 532,797.873069  | 1,819,508.114050 |
| 327 - 328 | 52°33'54"SE | 0.13                  | 328          | 532,797.974268  | 1,819,508.036580 |
| 328 - 329 | 56°37'48"SE | 13.10                 | 329          | 532,808.917700  | 1,819,500.828940 |
| 329 - 330 | 49°33'36"SE | 17.73                 | 330          | 532,822.411810  | 1,819,489.328330 |
| 330 - 331 | 52°33'50"SE | 7.85                  | 331          | 532,828.641206  | 1,819,484.559390 |
| 331 - 332 | 43°10'52"SE | 7.96                  | 332          | 532,834.087814  | 1,819,478.755520 |
| 332 - 333 | 51°31'24"SE | 21.73                 | 333          | 532,851.098930  | 1,819,465.235590 |
| 333 - 334 | 46°56'54"SE | 17.91                 | 334          | 532,864.187199  | 1,819,453.008600 |
| 334 - 335 | 49°31'48"SE | 17.69                 | 335          | 532,877.647771  | 1,819,441.524410 |
| 335 - 336 | 47°33'15"SE | 9.88                  | 336          | 532,884.939604  | 1,819,434.855380 |
| 336 - 337 | 52°18'16"SE | 23.62                 | 337          | 532,903.632584  | 1,819,420.410220 |
| 337 - 338 | 51°04'23"SE | 22.11                 | 338          | 532,920.831065  | 1,819,406.519470 |
| 338 - 339 | 50°10'41"SE | 24.58                 | 339          | 532,939.712786  | 1,819,390.775690 |
| 339 - 340 | 50°47'19"SE | 24.61                 | 340          | 532,958.780960  | 1,819,375.217760 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 340 - 341 | 52°00'36"SE | 32.49                 | 341          | 532,984.390812  | 1,819,355.216380 |
| 341 - 342 | 52°41'23"SE | 6.11                  | 342          | 532,989.250941  | 1,819,351.512600 |
| 342 - 343 | 59°48'58"SE | 13.62                 | 343          | 533,001.024162  | 1,819,344.664870 |
| 343 - 344 | 57°26'14"SE | 16.85                 | 344          | 533,015.228027  | 1,819,335.594130 |
| 344 - 345 | 59°39'47"SE | 9.53                  | 345          | 533,023.450651  | 1,819,330.782140 |
| 345 - 346 | 62°58'34"SE | 2.79                  | 346          | 533,025.933447  | 1,819,329.515790 |
| 346 - 347 | 51°41'40"SE | 1.33                  | 347          | 533,026.977601  | 1,819,328.691010 |
| 347 - 348 | 58°33'19"SE | 11.61                 | 348          | 533,036.885000  | 1,819,322.632940 |
| 348 - 349 | 52°48'41"SE | 57.07                 | 349          | 533,082.349501  | 1,819,288.137940 |
| 349 - 350 | 42°38'29"SE | 18.37                 | 350          | 533,094.796009  | 1,819,274.622180 |
| 350 - 351 | 50°15'46"SE | 1.53                  | 351          | 533,095.976249  | 1,819,273.641030 |
| 351 - 352 | 38°48'06"SE | 9.86                  | 352          | 533,102.155192  | 1,819,265.956440 |
| 352 - 353 | 44°23'48"SE | 17.37                 | 353          | 533,114.310456  | 1,819,253.542490 |
| 353 - 354 | 54°03'14"SE | 22.40                 | 354          | 533,132.441622  | 1,819,240.395470 |
| 354 - 355 | 53°50'04"SE | 23.85                 | 355          | 533,151.694502  | 1,819,226.322370 |
| 355 - 356 | 51°19'04"SE | 10.30                 | 356          | 533,159.732980  | 1,819,219.886460 |
| 356 - 357 | 52°36'12"SE | 7.47                  | 357          | 533,165.668041  | 1,819,215.349320 |
| 357 - 358 | 52°23'04"SE | 3.49                  | 358          | 533,168.433854  | 1,819,213.218170 |
| 358 - 359 | 47°51'57"SE | 0.34                  | 359          | 533,168.688228  | 1,819,212.988050 |
| 359 - 360 | 52°18'08"SE | 1.78                  | 360          | 533,170.096071  | 1,819,211.900040 |
| 360 - 361 | 51°59'38"SE | 1.72                  | 361          | 533,171.451357  | 1,819,210.840950 |
| 361 - 362 | 53°23'16"SE | 0.55                  | 362          | 533,171.895304  | 1,819,210.511100 |
| 362 - 363 | 49°20'55"SE | 0.23                  | 363          | 533,172.070578  | 1,819,210.360600 |
| 363 - 364 | 89°29'35"SE | 0.03                  | 364          | 533,172.097716  | 1,819,210.360360 |
| 364 - 365 | 50°15'43"SE | 0.33                  | 365          | 533,172.347699  | 1,819,210.152540 |
| 365 - 366 | 52°07'58"SE | 15.94                 | 366          | 533,184.930201  | 1,819,200.368940 |
| 366 - 367 | 48°28'43"SE | 16.71                 | 367          | 533,197.438102  | 1,819,189.294590 |
| 367 - 368 | 50°15'46"SE | 1.28                  | 368          | 533,198.423850  | 1,819,188.475130 |
| 368 - 369 | 43°27'47"SE | 0.75                  | 369          | 533,198.939027  | 1,819,187.931550 |
| 369 - 370 | 49°34'25"SE | 1.64                  | 370          | 533,200.189300  | 1,819,186.866500 |
| 370 - 371 | 48°54'24"SE | 2.20                  | 371          | 533,201.848593  | 1,819,185.419350 |
| 371 - 372 | 47°57'22"SE | 2.63                  | 372          | 533,203.800104  | 1,819,183.659510 |
| 372 - 373 | 48°26'37"SE | 2.37                  | 373          | 533,205.576289  | 1,819,182.084970 |
| 373 - 374 | 48°39'36"SE | 5.56                  | 374          | 533,209.747942  | 1,819,178.414950 |
| 374 - 375 | 48°23'57"SE | 6.47                  | 375          | 533,214.585721  | 1,819,174.119680 |
| 375 - 376 | 48°30'21"SE | 7.57                  | 376          | 533,220.253139  | 1,819,169.106630 |
| 376 - 377 | 48°27'26"SE | 5.76                  | 377          | 533,224.565064  | 1,819,165.286050 |
| 377 - 378 | 48°30'04"SE | 6.85                  | 378          | 533,229.694960  | 1,819,160.747680 |
| 378 - 379 | 47°18'37"SE | 0.46                  | 379          | 533,230.033856  | 1,819,160.435070 |
| 379 - 380 | 53°13'35"SE | 6.59                  | 380          | 533,235.314548  | 1,819,156.488410 |
| 380 - 381 | 52°29'01"SE | 1.77                  | 381          | 533,236.716545  | 1,819,155.411990 |
| 381 - 382 | 53°31'20"SE | 2.98                  | 382          | 533,239.111520  | 1,819,153.641240 |
| 382 - 383 | 53°02'10"SE | 6.81                  | 383          | 533,244.555820  | 1,819,149.544060 |
| 383 - 384 | 52°34'30"SE | 2.46                  | 384          | 533,246.506927  | 1,819,148.050980 |
| 384 - 385 | 53°40'19"SE | 1.41                  | 385          | 533,247.640153  | 1,819,147.217690 |
| 385 - 386 | 52°21'44"SE | 1.30                  | 386          | 533,248.668291  | 1,819,146.424840 |
| 386 - 387 | 53°03'31"SE | 0.61                  | 387          | 533,249.153137  | 1,819,146.060260 |
| 387 - 388 | 54°53'34"SE | 0.46                  | 388          | 533,249.530594  | 1,819,145.794910 |
| 388 - 389 | 50°04'58"SE | 0.22                  | 389          | 533,249.696807  | 1,819,145.655850 |
| 389 - 390 | 53°02'24"SE | 22.36                 | 390          | 533,267.560801  | 1,819,132.213950 |
| 390 - 391 | 48°37'15"SE | 45.18                 | 391          | 533,301.460187  | 1,819,102.349630 |
| 391 - 392 | 50°05'00"SE | 10.01                 | 392          | 533,309.134152  | 1,819,095.929450 |
| 392 - 393 | 52°00'46"SE | 37.66                 | 393          | 533,338.813902  | 1,819,072.751940 |
| 393 - 394 | 52°15'56"SE | 47.51                 | 394          | 533,376.387201  | 1,819,043.675940 |
| 394 - 395 | 50°32'51"SE | 49.09                 | 395          | 533,414.294100  | 1,819,012.480940 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 395 - 396 | 54°35'13"SE | 17.79                 | 396          | 533,428.789871  | 1,819,002.174430 |
| 396 - 397 | 54°35'17"SE | 0.23                  | 397          | 533,428.976797  | 1,819,002.041530 |
| 397 - 398 | 54°35'13"SE | 29.06                 | 398          | 533,452.658300  | 1,818,985.203940 |
| 398 - 399 | 49°09'01"SE | 54.20                 | 399          | 533,493.655901  | 1,818,949.753940 |
| 399 - 400 | 50°04'42"SE | 11.26                 | 400          | 533,502.287698  | 1,818,942.531140 |
| 400 - 401 | 51°54'55"SE | 47.60                 | 401          | 533,539.753618  | 1,818,913.170290 |
| 401 - 402 | 56°14'55"SE | 30.78                 | 402          | 533,565.341803  | 1,818,896.071940 |
| 402 - 403 | 50°26'16"SE | 47.22                 | 403          | 533,601.745089  | 1,818,865.997120 |
| 403 - 404 | 52°51'16"SE | 103.47                | 404          | 533,684.224645  | 1,818,803.515510 |
| 404 - 405 | 53°20'49"SE | 8.19                  | 405          | 533,690.797102  | 1,818,798.624940 |
| 405 - 406 | 51°05'06"SE | 2.28                  | 406          | 533,692.571229  | 1,818,797.192640 |
| 406 - 407 | 52°51'16"SE | 4.68                  | 407          | 533,696.301898  | 1,818,794.366500 |
| 407 - 408 | 47°19'18"SE | 3.67                  | 408          | 533,698.999690  | 1,818,791.878950 |
| 408 - 409 | 52°51'17"SE | 5.98                  | 409          | 533,703.766567  | 1,818,788.267870 |
| 409 - 410 | 50°30'18"SE | 7.21                  | 410          | 533,709.328505  | 1,818,783.683820 |
| 410 - 411 | 51°32'40"SE | 7.22                  | 411          | 533,714.983657  | 1,818,779.192690 |
| 411 - 412 | 50°06'28"SE | 5.85                  | 412          | 533,719.470684  | 1,818,775.442000 |
| 412 - 413 | 51°48'51"SE | 9.81                  | 413          | 533,727.182170  | 1,818,769.376780 |
| 413 - 414 | 49°57'24"SE | 8.85                  | 414          | 533,733.959505  | 1,818,763.681230 |
| 414 - 415 | 52°59'37"SE | 2.69                  | 415          | 533,736.109266  | 1,818,762.060900 |
| 415 - 416 | 58°40'22"SE | 5.25                  | 416          | 533,740.594706  | 1,818,759.330810 |
| 416 - 417 | 61°40'31"SE | 1.10                  | 417          | 533,741.565192  | 1,818,758.807720 |
| 417 - 418 | 50°01'37"SE | 0.51                  | 418          | 533,741.956211  | 1,818,758.479930 |
| 418 - 419 | 58°42'21"SE | 10.94                 | 419          | 533,751.304017  | 1,818,752.797740 |
| 419 - 420 | 47°42'07"SE | 24.64                 | 420          | 533,769.529599  | 1,818,736.214950 |
| 420 - 421 | 45°18'11"SE | 7.90                  | 421          | 533,775.145379  | 1,818,730.658270 |
| 421 - 422 | 50°01'39"SE | 8.06                  | 422          | 533,781.325358  | 1,818,725.477740 |
| 422 - 423 | 40°26'36"SE | 17.19                 | 423          | 533,792.473706  | 1,818,712.398600 |
| 423 - 424 | 55°33'36"SE | 29.46                 | 424          | 533,816.772884  | 1,818,695.735710 |
| 424 - 425 | 51°45'41"SE | 20.95                 | 425          | 533,833.224217  | 1,818,682.771860 |
| 425 - 426 | 50°54'41"SE | 24.09                 | 426          | 533,851.919653  | 1,818,667.584740 |
| 426 - 427 | 52°10'22"SE | 17.51                 | 427          | 533,865.753512  | 1,818,656.843590 |
| 427 - 428 | 55°48'56"SE | 15.82                 | 428          | 533,878.837610  | 1,818,647.956920 |
| 428 - 429 | 49°39'48"SE | 10.30                 | 429          | 533,886.690170  | 1,818,641.288850 |
| 429 - 430 | 74°30'08"SE | 2.77                  | 430          | 533,889.363752  | 1,818,640.547520 |
| 430 - 431 | 54°50'41"SE | 9.13                  | 431          | 533,896.825313  | 1,818,635.292700 |
| 431 - 432 | 55°11'48"SE | 6.49                  | 432          | 533,902.152552  | 1,818,631.589730 |
| 432 - 433 | 55°05'51"SE | 6.55                  | 433          | 533,907.526545  | 1,818,627.840440 |
| 433 - 434 | 41°19'13"SE | 0.78                  | 434          | 533,908.042167  | 1,818,627.253940 |
| 434 - 435 | 61°05'01"SE | 25.63                 | 435          | 533,930.480426  | 1,818,614.859120 |
| 435 - 436 | 49°20'02"SE | 26.92                 | 436          | 533,950.896939  | 1,818,597.319240 |
| 436 - 437 | 42°18'00"SE | 10.37                 | 437          | 533,957.878032  | 1,818,589.647170 |
| 437 - 438 | 82°17'04"SE | 0.69                  | 438          | 533,958.560428  | 1,818,589.554720 |
| 438 - 439 | 48°50'31"SE | 8.44                  | 439          | 533,964.917550  | 1,818,583.997710 |
| 439 - 440 | 47°49'21"SE | 14.76                 | 440          | 533,975.856095  | 1,818,574.087080 |
| 440 - 441 | 48°10'37"SE | 15.56                 | 441          | 533,987.448889  | 1,818,563.713570 |
| 441 - 442 | 47°45'21"SE | 19.70                 | 442          | 534,002.033695  | 1,818,550.468470 |
| 442 - 443 | 50°42'45"SE | 21.50                 | 443          | 534,018.672991  | 1,818,536.855480 |
| 443 - 444 | 50°17'36"SE | 16.53                 | 444          | 534,031.386422  | 1,818,526.298170 |
| 444 - 445 | 49°47'09"SE | 14.20                 | 445          | 534,042.230499  | 1,818,517.129670 |
| 445 - 446 | 45°16'02"SE | 2.42                  | 446          | 534,043.951083  | 1,818,515.425070 |
| 446 - 447 | 52°39'41"SE | 9.01                  | 447          | 534,051.112528  | 1,818,509.961920 |
| 447 - 448 | 57°18'08"SE | 2.09                  | 448          | 534,052.874450  | 1,818,508.830890 |
| 448 - 449 | 48°40'37"SE | 6.36                  | 449          | 534,057.654428  | 1,818,504.628180 |
| 449 - 450 | 51°19'41"SE | 21.19                 | 450          | 534,074.199851  | 1,818,491.386190 |
| 450 - 451 | 59°36'55"SE | 16.47                 | 451          | 534,088.403563  | 1,818,483.058050 |
| 451 - 452 | 60°24'42"SE | 15.37                 | 452          | 534,101.765885  | 1,818,475.470860 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 452 - 453 | 58°40'26"SE | 10.50                 | 453          | 534,110.736979  | 1,818,470.010780 |
| 453 - 454 | 59°05'54"SE | 9.91                  | 454          | 534,119.240697  | 1,818,464.921090 |
| 454 - 455 | 58°07'29"SE | 4.73                  | 455          | 534,123.259087  | 1,818,462.422270 |
| 455 - 456 | 54°25'14"SE | 4.14                  | 456          | 534,126.623819  | 1,818,460.015200 |
| 456 - 457 | 60°36'14"SE | 2.89                  | 457          | 534,129.140109  | 1,818,458.597580 |
| 457 - 458 | 51°36'14"SE | 0.54                  | 458          | 534,129.565547  | 1,818,458.260430 |
| 458 - 459 | 57°06'31"SE | 17.93                 | 459          | 534,144.621684  | 1,818,448.523390 |
| 459 - 460 | 49°19'09"SE | 25.97                 | 460          | 534,164.318754  | 1,818,431.592780 |
| 460 - 461 | 46°14'31"SE | 7.33                  | 461          | 534,169.613883  | 1,818,426.522380 |
| 461 - 462 | 51°36'12"SE | 0.80                  | 462          | 534,170.240966  | 1,818,426.025420 |
| 462 - 463 | 39°16'59"SE | 1.61                  | 463          | 534,171.258550  | 1,818,424.781430 |
| 463 - 464 | 47°41'11"SE | 4.68                  | 464          | 534,174.717826  | 1,818,421.632250 |
| 464 - 465 | 46°26'12"SE | 3.23                  | 465          | 534,177.055326  | 1,818,419.409130 |
| 465 - 466 | 55°24'38"SE | 4.48                  | 466          | 534,180.747048  | 1,818,416.863400 |
| 466 - 467 | 53°48'55"SE | 3.76                  | 467          | 534,183.784743  | 1,818,414.641390 |
| 467 - 468 | 54°06'03"SE | 3.00                  | 468          | 534,186.214870  | 1,818,412.882340 |
| 468 - 469 | 54°22'35"SE | 2.70                  | 469          | 534,188.411306  | 1,818,411.308480 |
| 469 - 470 | 54°36'10"SE | 2.64                  | 470          | 534,190.560989  | 1,818,409.780940 |
| 470 - 471 | 56°33'50"SE | 1.28                  | 471          | 534,191.627360  | 1,818,409.076840 |
| 471 - 472 | 51°36'11"SE | 1.60                  | 472          | 534,192.882704  | 1,818,408.081980 |
| 472 - 473 | 54°17'39"SE | 9.04                  | 473          | 534,200.220167  | 1,818,402.808390 |
| 473 - 474 | 55°49'01"SE | 0.87                  | 474          | 534,200.942405  | 1,818,402.317870 |
| 474 - 475 | 63°50'18"SE | 23.07                 | 475          | 534,221.649795  | 1,818,392.145870 |
| 475 - 476 | 58°48'56"SE | 15.75                 | 476          | 534,235.123644  | 1,818,383.990890 |
| 476 - 477 | 46°25'01"SE | 19.69                 | 477          | 534,249.383293  | 1,818,370.419670 |
| 477 - 478 | 48°29'11"SE | 18.26                 | 478          | 534,263.056928  | 1,818,358.316580 |
| 478 - 479 | 47°51'16"SE | 2.29                  | 479          | 534,264.752387  | 1,818,356.782170 |
| 479 - 480 | 51°02'19"SE | 2.07                  | 480          | 534,266.363029  | 1,818,355.479700 |
| 480 - 481 | 44°08'39"SE | 2.45                  | 481          | 534,268.068178  | 1,818,353.722850 |
| 481 - 482 | 48°09'56"SE | 5.21                  | 482          | 534,271.948113  | 1,818,350.249590 |
| 482 - 483 | 48°16'46"SE | 6.89                  | 483          | 534,277.090167  | 1,818,345.664920 |
| 483 - 484 | 47°41'47"SE | 5.44                  | 484          | 534,281.110438  | 1,818,342.006310 |
| 484 - 485 | 50°40'35"SE | 3.14                  | 485          | 534,283.540949  | 1,818,340.015300 |
| 485 - 486 | 51°41'31"SE | 9.41                  | 486          | 534,290.925624  | 1,818,334.181600 |
| 486 - 487 | 51°33'32"SE | 9.31                  | 487          | 534,298.216870  | 1,818,328.394140 |
| 487 - 488 | 49°30'08"SE | 3.57                  | 488          | 534,300.927979  | 1,818,326.078830 |
| 488 - 489 | 55°21'16"SE | 4.89                  | 489          | 534,304.946858  | 1,818,323.301680 |
| 489 - 490 | 52°41'36"SE | 6.11                  | 490          | 534,309.807448  | 1,818,319.598010 |
| 490 - 491 | 54°19'50"SE | 3.97                  | 491          | 534,313.032036  | 1,818,317.283520 |
| 491 - 492 | 54°43'14"SE | 2.40                  | 492          | 534,314.994797  | 1,818,315.894870 |
| 492 - 493 | 51°26'02"SE | 2.45                  | 493          | 534,316.911100  | 1,818,314.366970 |
| 493 - 494 | 71°35'12"SE | 0.52                  | 494          | 534,317.407300  | 1,818,314.201780 |
| 494 - 495 | 51°02'18"SE | 2.60                  | 495          | 534,319.431231  | 1,818,312.565090 |
| 495 - 496 | 53°38'19"SE | 0.44                  | 496          | 534,319.783205  | 1,818,312.305960 |
| 496 - 497 | 55°00'21"SE | 20.63                 | 497          | 534,336.683325  | 1,818,300.474970 |
| 497 - 498 | 55°37'57"SE | 18.21                 | 498          | 534,351.718272  | 1,818,290.192910 |
| 498 - 499 | 55°17'12"SE | 14.24                 | 499          | 534,363.425027  | 1,818,282.082790 |
| 499 - 500 | 53°58'25"SE | 15.86                 | 500          | 534,376.250049  | 1,818,272.755890 |
| 500 - 501 | 48°58'36"SE | 15.51                 | 501          | 534,387.951217  | 1,818,262.575910 |
| 501 - 502 | 53°42'15"SE | 20.44                 | 502          | 534,404.421400  | 1,818,250.479220 |
| 502 - 503 | 56°16'30"SE | 21.35                 | 503          | 534,422.175401  | 1,818,238.627700 |
| 503 - 504 | 43°09'17"SE | 15.07                 | 504          | 534,432.483297  | 1,818,227.633520 |
| 504 - 505 | 53°06'59"SE | 0.24                  | 505          | 534,432.677547  | 1,818,227.487760 |
| 505 - 506 | 39°19'37"SE | 1.55                  | 506          | 534,433.657875  | 1,818,226.291190 |
| 506 - 507 | 49°17'41"SE | 1.17                  | 507          | 534,434.546015  | 1,818,225.527130 |
| 507 - 508 | 53°02'06"SE | 5.24                  | 508          | 534,438.728902  | 1,818,222.379110 |
| 508 - 509 | 53°18'26"SE | 6.35                  | 509          | 534,443.823085  | 1,818,218.583040 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 509 - 510 | 52°52'36"SE | 6.21                  | 510          | 534,448.777156  | 1,818,214.833150 |
| 510 - 511 | 52°40'11"SE | 13.67                 | 511          | 534,459.643502  | 1,818,206.546210 |
| 511 - 512 | 52°32'10"SE | 13.40                 | 512          | 534,470.276234  | 1,818,198.398090 |
| 512 - 513 | 49°09'08"SE | 15.79                 | 513          | 534,482.219495  | 1,818,188.071600 |
| 513 - 514 | 49°20'36"SE | 7.64                  | 514          | 534,488.015784  | 1,818,183.093650 |
| 514 - 515 | 54°19'15"SE | 7.74                  | 515          | 534,494.301476  | 1,818,178.580410 |
| 515 - 516 | 54°09'48"SE | 12.77                 | 516          | 534,504.653080  | 1,818,171.104530 |
| 516 - 517 | 54°06'06"SE | 13.50                 | 517          | 534,515.588896  | 1,818,163.188860 |
| 517 - 518 | 53°40'32"SE | 2.81                  | 518          | 534,517.855550  | 1,818,161.522350 |
| 518 - 519 | 53°44'21"SE | 2.68                  | 519          | 534,520.017044  | 1,818,159.936860 |
| 519 - 520 | 54°09'42"SE | 0.69                  | 520          | 534,520.577855  | 1,818,159.531820 |
| 520 - 521 | 70°42'54"SE | 0.12                  | 521          | 534,520.692089  | 1,818,159.491850 |
| 521 - 522 | 51°45'17"SE | 0.72                  | 522          | 534,521.254065  | 1,818,159.048900 |
| 522 - 523 | 53°51'16"SE | 7.59                  | 523          | 534,527.379345  | 1,818,154.574850 |
| 523 - 524 | 55°56'47"SE | 19.95                 | 524          | 534,543.908558  | 1,818,143.403250 |
| 524 - 525 | 48°34'34"SE | 18.67                 | 525          | 534,557.910273  | 1,818,131.048710 |
| 525 - 526 | 47°50'45"SE | 10.28                 | 526          | 534,565.531341  | 1,818,124.149480 |
| 526 - 527 | 51°45'17"SE | 1.47                  | 527          | 534,566.688485  | 1,818,123.237420 |
| 527 - 528 | 44°10'25"SE | 2.81                  | 528          | 534,568.649786  | 1,818,121.218730 |
| 528 - 529 | 49°49'12"SE | 3.73                  | 529          | 534,571.501139  | 1,818,118.810870 |
| 529 - 530 | 47°52'14"SE | 1.45                  | 530          | 534,572.576343  | 1,818,117.838350 |
| 530 - 531 | 53°38'22"SE | 4.29                  | 531          | 534,576.034762  | 1,818,115.292280 |
| 531 - 532 | 52°14'39"SE | 6.50                  | 532          | 534,581.175972  | 1,818,111.310730 |
| 532 - 533 | 51°55'49"SE | 5.11                  | 533          | 534,585.195522  | 1,818,108.162460 |
| 533 - 534 | 55°30'05"SE | 2.78                  | 534          | 534,587.485379  | 1,818,106.588770 |
| 534 - 535 | 51°24'40"SE | 2.15                  | 535          | 534,589.168021  | 1,818,105.246070 |
| 535 - 536 | 72°20'40"SE | 0.61                  | 536          | 534,589.748853  | 1,818,105.061200 |
| 536 - 537 | 51°45'17"SE | 1.80                  | 537          | 534,591.160395  | 1,818,103.948620 |
| 537 - 538 | 55°05'24"SE | 10.15                 | 538          | 534,599.483229  | 1,818,098.140420 |
| 538 - 539 | 58°27'54"SE | 18.73                 | 539          | 534,615.450644  | 1,818,088.342220 |
| 539 - 540 | 56°16'34"SE | 18.03                 | 540          | 534,630.447343  | 1,818,078.331640 |
| 540 - 541 | 56°41'44"SE | 17.97                 | 541          | 534,645.464652  | 1,818,068.465540 |
| 541 - 542 | 55°40'08"SE | 18.97                 | 542          | 534,661.128435  | 1,818,057.768000 |
| 542 - 543 | 55°42'16"SE | 21.18                 | 543          | 534,678.622786  | 1,818,045.836220 |
| 543 - 544 | 50°33'04"SE | 17.95                 | 544          | 534,692.483168  | 1,818,034.431420 |
| 544 - 545 | 56°21'33"SE | 4.54                  | 545          | 534,696.259370  | 1,818,031.918660 |
| 545 - 546 | 46°05'14"SE | 10.73                 | 546          | 534,703.991415  | 1,818,024.474680 |
| 546 - 547 | 51°14'44"SE | 13.91                 | 547          | 534,714.835286  | 1,818,015.770230 |
| 547 - 548 | 62°26'11"SE | 11.59                 | 548          | 534,725.113633  | 1,818,010.405160 |
| 548 - 549 | 57°00'39"SE | 13.26                 | 549          | 534,736.235216  | 1,818,003.185730 |
| 549 - 550 | 55°02'28"SE | 19.39                 | 550          | 534,752.124484  | 1,817,992.076960 |
| 550 - 551 | 49°03'18"SE | 18.94                 | 551          | 534,766.428720  | 1,817,979.666640 |
| 551 - 552 | 51°05'30"SE | 9.73                  | 552          | 534,774.000820  | 1,817,973.554950 |
| 552 - 553 | 51°03'29"SE | 9.13                  | 553          | 534,781.105522  | 1,817,967.813640 |
| 553 - 554 | 61°11'15"SE | 2.02                  | 554          | 534,782.873736  | 1,817,966.841060 |
| 554 - 555 | 43°17'38"SE | 1.24                  | 555          | 534,783.727333  | 1,817,965.935060 |
| 555 - 556 | 52°14'58"SE | 0.14                  | 556          | 534,783.838867  | 1,817,965.848700 |
| 556 - 557 | 58°23'10"SE | 20.75                 | 557          | 534,801.513599  | 1,817,954.969300 |
| 557 - 558 | 62°15'03"SE | 19.09                 | 558          | 534,818.404537  | 1,817,946.082880 |
| 558 - 559 | 49°29'17"SE | 21.68                 | 559          | 534,834.889627  | 1,817,931.997460 |
| 559 - 560 | 47°10'21"SE | 22.18                 | 560          | 534,851.153993  | 1,817,916.922050 |
| 560 - 561 | 49°42'02"SE | 21.85                 | 561          | 534,867.816504  | 1,817,902.791560 |
| 561 - 562 | 47°22'43"SE | 21.03                 | 562          | 534,883.293806  | 1,817,888.548870 |
| 562 - 563 | 43°50'48"SE | 9.57                  | 563          | 534,889.920582  | 1,817,881.649790 |
| 563 - 564 | 48°24'48"SE | 1.75                  | 564          | 534,891.231394  | 1,817,880.486550 |
| 564 - 565 | 42°38'47"SE | 5.72                  | 565          | 534,895.107501  | 1,817,876.278170 |
| 565 - 566 | 44°04'33"SE | 3.16                  | 566          | 534,897.305168  | 1,817,874.008450 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 566 - 567 | 50°47'37"SE | 5.13                  | 567          | 534,901.278277  | 1,817,870.767340 |
| 567 - 568 | 49°29'23"SE | 4.92                  | 568          | 534,905.017909  | 1,817,867.572240 |
| 568 - 569 | 51°01'13"SE | 4.27                  | 569          | 534,908.336590  | 1,817,864.886790 |
| 569 - 570 | 50°09'57"SE | 3.47                  | 570          | 534,911.000992  | 1,817,862.664220 |
| 570 - 571 | 52°01'50"SE | 1.93                  | 571          | 534,912.519307  | 1,817,861.479290 |
| 571 - 572 | 42°15'22"SE | 0.56                  | 572          | 534,912.894150  | 1,817,861.066710 |
| 572 - 573 | 51°47'05"SE | 3.48                  | 573          | 534,915.628462  | 1,817,858.913840 |
| 573 - 574 | 50°09'57"SE | 1.73                  | 574          | 534,916.960663  | 1,817,857.802550 |
| 574 - 575 | 53°58'07"SE | 3.70                  | 575          | 534,919.951757  | 1,817,855.626900 |
| 575 - 576 | 53°43'58"SE | 3.13                  | 576          | 534,922.475520  | 1,817,853.775250 |
| 576 - 577 | 55°30'53"SE | 1.19                  | 577          | 534,923.459293  | 1,817,853.099500 |
| 577 - 578 | 48°55'14"SE | 0.28                  | 578          | 534,923.673111  | 1,817,852.913110 |
| 578 - 579 | 53°49'00"SE | 0.47                  | 579          | 534,924.052843  | 1,817,852.635360 |
| 579 - 580 | 53°14'32"SE | 0.44                  | 580          | 534,924.409215  | 1,817,852.369170 |
| 580 - 581 | 63°40'15"SE | 0.14                  | 581          | 534,924.531573  | 1,817,852.308620 |
| 581 - 582 | 52°10'33"SE | 0.33                  | 582          | 534,924.788918  | 1,817,852.108830 |
| 582 - 583 | 53°53'02"SE | 2.03                  | 583          | 534,926.430522  | 1,817,850.911050 |
| 583 - 584 | 53°05'19"SE | 0.88                  | 584          | 534,927.131587  | 1,817,850.384460 |
| 584 - 585 | 53°27'37"SE | 0.98                  | 585          | 534,927.920272  | 1,817,849.800020 |
| 585 - 586 | 55°13'00"SE | 0.55                  | 586          | 534,928.370081  | 1,817,849.487590 |
| 586 - 587 | 53°13'15"SE | 0.39                  | 587          | 534,928.679717  | 1,817,849.256130 |
| 587 - 588 | 75°42'13"SE | 0.04                  | 588          | 534,928.714093  | 1,817,849.247370 |
| 588 - 589 | 52°54'50"SE | 0.87                  | 589          | 534,929.409625  | 1,817,848.721610 |
| 589 - 590 | 53°47'00"SE | 9.51                  | 590          | 534,937.080007  | 1,817,843.104340 |
| 590 - 591 | 52°57'47"SE | 22.70                 | 591          | 534,955.202166  | 1,817,829.430060 |
| 591 - 592 | 50°08'52"SE | 3.39                  | 592          | 534,957.807996  | 1,817,827.254940 |
| 592 - 593 | 52°54'50"SE | 2.10                  | 593          | 534,959.484931  | 1,817,825.987330 |
| 593 - 594 | 46°40'00"SE | 2.23                  | 594          | 534,961.104732  | 1,817,824.459130 |
| 594 - 595 | 51°00'52"SE | 3.48                  | 595          | 534,963.809410  | 1,817,822.270070 |
| 595 - 596 | 47°22'23"SE | 0.60                  | 596          | 534,964.248224  | 1,817,821.866180 |
| 596 - 597 | 50°58'35"SE | 0.66                  | 597          | 534,964.762389  | 1,817,821.449470 |
| 597 - 598 | 50°04'51"SE | 0.78                  | 598          | 534,965.364222  | 1,817,820.945920 |
| 598 - 599 | 50°06'06"SE | 0.83                  | 599          | 534,966.001112  | 1,817,820.413430 |
| 599 - 600 | 50°39'20"SE | 0.88                  | 600          | 534,966.678886  | 1,817,819.857800 |
| 600 - 601 | 49°59'43"SE | 1.65                  | 601          | 534,967.940987  | 1,817,818.798600 |
| 601 - 602 | 49°44'32"SE | 0.95                  | 602          | 534,968.665535  | 1,817,818.185060 |
| 602 - 603 | 50°42'58"SE | 1.17                  | 603          | 534,969.571178  | 1,817,817.444230 |
| 603 - 604 | 50°01'50"SE | 0.59                  | 604          | 534,970.026936  | 1,817,817.062220 |
| 604 - 605 | 49°23'59"SE | 1.09                  | 605          | 534,970.850832  | 1,817,816.356050 |
| 605 - 606 | 48°16'53"SE | 2.43                  | 606          | 534,972.662334  | 1,817,814.741020 |
| 606 - 607 | 48°19'17"SE | 1.24                  | 607          | 534,973.585615  | 1,817,813.919030 |
| 607 - 608 | 47°59'43"SE | 0.69                  | 608          | 534,974.099855  | 1,817,813.455930 |
| 608 - 609 | 50°15'39"SE | 0.43                  | 609          | 534,974.427063  | 1,817,813.183900 |
| 609 - 610 | 47°21'05"SE | 0.45                  | 610          | 534,974.760161  | 1,817,812.877080 |
| 610 - 611 | 49°20'32"SE | 0.36                  | 611          | 534,975.034213  | 1,817,812.641710 |
| 611 - 612 | 48°23'27"SE | 1.53                  | 612          | 534,976.178664  | 1,817,811.625300 |
| 612 - 613 | 48°34'11"SE | 0.59                  | 613          | 534,976.621732  | 1,817,811.234270 |
| 613 - 614 | 48°40'17"SE | 0.67                  | 614          | 534,977.128226  | 1,817,810.788860 |
| 614 - 615 | 48°18'39"SE | 1.05                  | 615          | 534,977.909801  | 1,817,810.092770 |
| 615 - 616 | 48°45'39"SE | 0.88                  | 616          | 534,978.570108  | 1,817,809.513920 |
| 616 - 617 | 48°38'05"SE | 0.42                  | 617          | 534,978.885654  | 1,817,809.236070 |
| 617 - 618 | 48°38'06"SE | 0.35                  | 618          | 534,979.148610  | 1,817,809.004530 |
| 618 - 619 | 45°46'30"SE | 0.03                  | 619          | 534,979.166816  | 1,817,808.986810 |
| 619 - 620 | 48°29'45"SE | 0.11                  | 620          | 534,979.245541  | 1,817,808.917150 |
| 620 - 621 | 48°31'12"SE | 7.18                  | 621          | 534,984.626199  | 1,817,804.160100 |
| 621 - 622 | 50°18'46"SE | 15.86                 | 622          | 534,996.828763  | 1,817,794.034010 |
| 622 - 623 | 42°01'35"SE | 12.75                 | 623          | 535,005.364188  | 1,817,784.563290 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 623 - 624 | 16°47'58"SE | 2.27                  | 624          | 535,006.018872  | 1,817,782.394810 |
| 624 - 625 | 16°17'38"SE | 9.37                  | 625          | 535,008.648890  | 1,817,773.397440 |
| 625 - 626 | 47°32'18"SE | 14.13                 | 626          | 535,019.074235  | 1,817,763.857270 |
| 626 - 627 | 51°46'22"SE | 50.71                 | 627          | 535,058.907795  | 1,817,732.480890 |
| 627 - 628 | 52°18'34"SE | 1.34                  | 628          | 535,059.971743  | 1,817,731.658860 |
| 628 - 629 | 52°26'03"SE | 18.98                 | 629          | 535,075.014154  | 1,817,720.089020 |
| 629 - 630 | 45°04'09"SE | 19.94                 | 630          | 535,089.132299  | 1,817,706.004930 |
| 630 - 631 | 45°18'20"SE | 19.69                 | 631          | 535,103.132415  | 1,817,692.153450 |
| 631 - 632 | 36°56'36"SE | 3.44                  | 632          | 535,105.201548  | 1,817,689.401980 |
| 632 - 633 | 89°54'24"NE | 16.11                 | 633          | 535,121.315260  | 1,817,689.428160 |
| 633 - 634 | 54°43'21"SE | 12.82                 | 634          | 535,131.783907  | 1,817,682.022190 |
| 634 - 635 | 68°24'48"SE | 16.08                 | 635          | 535,146.731543  | 1,817,676.108100 |
| 635 - 636 | 52°41'44"SE | 12.22                 | 636          | 535,156.453307  | 1,817,668.700920 |
| 636 - 637 | 53°23'35"SE | 22.36                 | 637          | 535,174.400638  | 1,817,655.368730 |
| 637 - 638 | 51°10'21"SE | 15.36                 | 638          | 535,186.366746  | 1,817,645.738310 |
| 638 - 639 | 10°27'38"SE | 9.42                  | 639          | 535,188.077045  | 1,817,636.474850 |
| 639 - 640 | 61°11'19"SE | 10.01                 | 640          | 535,196.846318  | 1,817,631.651670 |
| 640 - 641 | 49°04'58"SE | 7.92                  | 641          | 535,202.829987  | 1,817,626.465310 |
| 641 - 642 | 43°38'00"SE | 18.43                 | 642          | 535,215.549073  | 1,817,613.124610 |
| 642 - 643 | 51°16'31"SE | 20.13                 | 643          | 535,231.254571  | 1,817,600.531080 |
| 643 - 644 | 58°49'16"SE | 15.73                 | 644          | 535,244.712119  | 1,817,592.387700 |
| 644 - 645 | 49°54'12"SE | 19.55                 | 645          | 535,259.670748  | 1,817,579.792960 |
| 645 - 646 | 50°10'01"SE | 18.51                 | 646          | 535,273.881279  | 1,817,567.939310 |
| 646 - 647 | 59°17'08"SE | 13.04                 | 647          | 535,285.095730  | 1,817,561.276890 |
| 647 - 648 | 83°00'42"SE | 6.02                  | 648          | 535,291.072167  | 1,817,560.544340 |
| 648 - 649 | 71°45'52"SE | 9.44                  | 649          | 535,300.039855  | 1,817,557.589770 |
| 649 - 650 | 49°40'01"SE | 13.74                 | 650          | 535,310.511054  | 1,817,548.699240 |
| 650 - 651 | 36°05'58"SE | 16.52                 | 651          | 535,320.242636  | 1,817,535.353670 |
| 651 - 652 | 50°27'43"SE | 17.46                 | 652          | 535,333.705113  | 1,817,524.241110 |
| 652 - 653 | 66°43'27"SE | 18.71                 | 653          | 535,350.896057  | 1,817,516.846180 |
| 653 - 654 | 45°16'14"SE | 13.69                 | 654          | 535,360.621606  | 1,817,507.212120 |
| 654 - 655 | 57°04'38"SE | 23.16                 | 655          | 535,380.061795  | 1,817,494.624750 |
| 655 - 656 | 57°38'06"SE | 22.13                 | 656          | 535,398.753885  | 1,817,482.778460 |
| 656 - 657 | 57°20'59"SE | 15.10                 | 657          | 535,411.464664  | 1,817,474.633920 |
| 657 - 658 | 46°40'04"SE | 21.60                 | 658          | 535,427.174029  | 1,817,459.813530 |
| 658 - 659 | 40°52'13"SE | 13.72                 | 659          | 535,436.153948  | 1,817,449.435960 |
| 659 - 660 | 37°08'02"SE | 7.44                  | 660          | 535,440.645128  | 1,817,443.504870 |
| 660 - 661 | 42°15'26"SE | 10.01                 | 661          | 535,447.379467  | 1,817,436.092830 |
| 661 - 662 | 40°52'13"SE | 13.72                 | 662          | 535,456.359406  | 1,817,425.715260 |
| 662 - 663 | 28°32'34"SE | 15.03                 | 663          | 535,463.542316  | 1,817,412.509540 |
| 663 - 664 | 54°46'21"SE | 23.19                 | 664          | 535,482.484677  | 1,817,399.133560 |
| 664 - 665 | 46°45'15"SE | 19.96                 | 665          | 535,497.024897  | 1,817,385.457580 |
| 665 - 666 | 53°42'39"SE | 0.77                  | 666          | 535,497.645441  | 1,817,385.001930 |
| 666 - 667 | 43°59'01"SE | 4.42                  | 667          | 535,500.712898  | 1,817,381.823670 |
| 667 - 668 | 47°53'48"SE | 3.59                  | 668          | 535,503.377726  | 1,817,379.415540 |
| 668 - 669 | 63°32'19"SE | 6.50                  | 669          | 535,509.200450  | 1,817,376.517340 |
| 669 - 670 | 53°42'39"SE | 0.59                  | 670          | 535,509.674222  | 1,817,376.169460 |
| 670 - 671 | 62°11'57"SE | 12.11                 | 671          | 535,520.389558  | 1,817,370.519710 |
| 671 - 672 | 51°11'43"SE | 28.53                 | 672          | 535,542.619575  | 1,817,352.643310 |
| 672 - 673 | 55°29'20"SE | 28.53                 | 673          | 535,566.131059  | 1,817,336.477720 |
| 673 - 674 | 66°48'59"SE | 18.67                 | 674          | 535,583.295139  | 1,817,329.127060 |
| 674 - 675 | 52°41'30"SE | 19.66                 | 675          | 535,598.935236  | 1,817,317.208910 |
| 675 - 676 | 50°48'52"SE | 27.25                 | 676          | 535,620.055212  | 1,817,299.992890 |
| 676 - 677 | 51°25'59"SE | 25.43                 | 677          | 535,639.938396  | 1,817,284.139230 |
| 677 - 678 | 54°28'13"SE | 22.83                 | 678          | 535,658.513863  | 1,817,270.874950 |
| 678 - 679 | 53°26'45"SE | 15.69                 | 679          | 535,671.119675  | 1,817,261.528770 |
| 679 - 680 | 55°16'08"SE | 0.26                  | 680          | 535,671.330168  | 1,817,261.382850 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 680 - 681 | 48°16'49"SE | 0.12                  | 681          | 535,671.420614  | 1,817,261.302210 |
| 681 - 682 | 54°14'07"SE | 0.55                  | 682          | 535,671.870465  | 1,817,260.978190 |
| 682 - 683 | 53°00'55"SE | 0.70                  | 683          | 535,672.431349  | 1,817,260.555770 |
| 683 - 684 | 53°31'19"SE | 1.30                  | 684          | 535,673.480061  | 1,817,259.780390 |
| 684 - 685 | 53°32'24"SE | 1.83                  | 685          | 535,674.952347  | 1,817,258.692550 |
| 685 - 686 | 53°24'39"SE | 2.00                  | 686          | 535,676.561939  | 1,817,257.497640 |
| 686 - 687 | 53°27'03"SE | 1.19                  | 687          | 535,677.514255  | 1,817,256.791700 |
| 687 - 688 | 47°23'26"SE | 0.06                  | 688          | 535,677.555164  | 1,817,256.754070 |
| 688 - 689 | 59°24'13"SE | 1.71                  | 689          | 535,679.027092  | 1,817,255.883700 |
| 689 - 690 | 58°48'48"SE | 0.90                  | 690          | 535,679.801040  | 1,817,255.415230 |
| 690 - 691 | 59°03'59"SE | 0.65                  | 691          | 535,680.355940  | 1,817,255.082690 |
| 691 - 692 | 58°51'03"SE | 0.26                  | 692          | 535,680.580823  | 1,817,254.946770 |
| 692 - 693 | 60°44'09"SE | 0.15                  | 693          | 535,680.711421  | 1,817,254.873590 |
| 693 - 694 | 52°17'52"SE | 0.01                  | 694          | 535,680.717217  | 1,817,254.869110 |
| 694 - 695 | 59°09'42"SE | 27.56                 | 695          | 535,704.380274  | 1,817,240.741670 |
| 695 - 696 | 50°19'54"SE | 34.33                 | 696          | 535,730.806023  | 1,817,218.827290 |
| 696 - 697 | 45°50'55"SE | 19.83                 | 697          | 535,745.035550  | 1,817,205.013240 |
| 697 - 698 | 50°44'44"SE | 2.22                  | 698          | 535,746.752662  | 1,817,203.610090 |
| 698 - 699 | 42°20'06"SE | 6.78                  | 699          | 535,751.315930  | 1,817,198.601320 |
| 699 - 700 | 50°20'54"SE | 5.95                  | 700          | 535,755.897083  | 1,817,194.804530 |
| 700 - 701 | 48°33'52"SE | 18.33                 | 701          | 535,769.641780  | 1,817,182.671840 |
| 701 - 702 | 49°50'36"SE | 19.82                 | 702          | 535,784.788037  | 1,817,169.891950 |
| 702 - 703 | 49°59'22"SE | 7.20                  | 703          | 535,790.304231  | 1,817,165.261600 |
| 703 - 704 | 60°03'53"SE | 10.57                 | 704          | 535,799.462725  | 1,817,159.987760 |
| 704 - 705 | 63°17'30"SE | 1.96                  | 705          | 535,801.214600  | 1,817,159.106350 |
| 705 - 706 | 50°44'44"SE | 0.75                  | 706          | 535,801.799100  | 1,817,158.628720 |
| 706 - 707 | 59°17'14"SE | 1.76                  | 707          | 535,803.315387  | 1,817,157.727960 |
| 707 - 708 | 59°49'03"SE | 3.12                  | 708          | 535,806.008365  | 1,817,156.161720 |
| 708 - 709 | 66°00'10"SE | 16.84                 | 709          | 535,821.394641  | 1,817,149.312260 |
| 709 - 710 | 55°06'31"SE | 20.22                 | 710          | 535,837.975976  | 1,817,137.748720 |
| 710 - 711 | 48°17'46"SE | 2.76                  | 711          | 535,840.033668  | 1,817,135.915140 |
| 711 - 712 | 59°17'14"SE | 1.62                  | 712          | 535,841.424563  | 1,817,135.088870 |
| 712 - 713 | 43°12'41"SE | 5.33                  | 713          | 535,845.072534  | 1,817,131.205740 |
| 713 - 714 | 50°53'57"SE | 9.40                  | 714          | 535,852.364837  | 1,817,125.279290 |
| 714 - 715 | 57°54'26"SE | 23.17                 | 715          | 535,871.991928  | 1,817,112.970800 |
| 715 - 716 | 52°49'08"SE | 24.05                 | 716          | 535,891.155914  | 1,817,098.434590 |
| 716 - 717 | 57°10'31"SE | 19.46                 | 717          | 535,907.512349  | 1,817,087.883700 |
| 717 - 718 | 55°58'22"SE | 7.44                  | 718          | 535,913.681375  | 1,817,083.718400 |
| 718 - 719 | 46°18'40"SE | 33.96                 | 719          | 535,938.239632  | 1,817,060.259190 |
| 719 - 720 | 80°41'24"SE | 43.65                 | 720          | 535,981.310390  | 1,817,053.198540 |
| 720 - 721 | 43°25'28"SE | 16.33                 | 721          | 535,992.533981  | 1,817,041.340090 |
| 721 - 722 | 48°08'02"SE | 21.09                 | 722          | 536,008.242825  | 1,817,027.262130 |
| 722 - 723 | 50°02'01"SE | 12.69                 | 723          | 536,017.966416  | 1,817,019.112790 |
| 723 - 724 | 30°49'48"SE | 19.00                 | 724          | 536,027.703621  | 1,817,002.797920 |
| 724 - 725 | 33°56'57"SE | 21.45                 | 725          | 536,039.684086  | 1,816,985.002140 |
| 725 - 726 | 61°11'27"SE | 15.36                 | 726          | 536,053.141089  | 1,816,977.601340 |
| 726 - 727 | 54°06'21"SE | 24.00                 | 727          | 536,072.584641  | 1,816,963.529630 |
| 727 - 728 | 41°27'25"SE | 15.82                 | 728          | 536,083.061404  | 1,816,951.669920 |
| 728 - 729 | 45°16'21"SE | 24.22                 | 729          | 536,100.269181  | 1,816,934.625180 |
| 729 - 730 | 52°41'53"SE | 24.45                 | 730          | 536,119.714042  | 1,816,919.811150 |
| 730 - 731 | 55°16'11"SE | 27.30                 | 731          | 536,142.147877  | 1,816,904.259800 |
| 731 - 732 | 50°42'35"SE | 22.23                 | 732          | 536,159.350773  | 1,816,890.184360 |
| 732 - 733 | 33°56'58"SE | 24.13                 | 733          | 536,172.828989  | 1,816,870.164080 |
| 733 - 734 | 57°58'47"SE | 33.51                 | 734          | 536,201.242068  | 1,816,852.395770 |
| 734 - 735 | 41°27'26"SE | 23.74                 | 735          | 536,216.957403  | 1,816,834.606210 |
| 735 - 736 | 49°15'43"SE | 22.71                 | 736          | 536,234.161647  | 1,816,819.788460 |
| 736 - 737 | 15°38'54"SE | 11.27                 | 737          | 536,237.201369  | 1,816,808.936860 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 737 - 738 | 53°22'46"SE | 19.09                 | 738          | 536,252.526532  | 1,816,797.546950 |
| 738 - 739 | 55°03'10"SE | 23.00                 | 739          | 536,271.377963  | 1,816,784.372930 |
| 739 - 740 | 53°10'55"SE | 14.84                 | 740          | 536,283.259108  | 1,816,775.478910 |
| 740 - 741 | 46°35'47"SE | 12.59                 | 741          | 536,292.407582  | 1,816,766.826610 |
| 741 - 742 | 49°19'51"SE | 63.91                 | 742          | 536,340.884929  | 1,816,725.174950 |
| 742 - 743 | 53°17'17"SE | 1.25                  | 743          | 536,341.890862  | 1,816,724.424830 |
| 743 - 744 | 49°16'48"SE | 20.53                 | 744          | 536,357.451964  | 1,816,711.030730 |
| 744 - 745 | 48°25'40"SE | 4.34                  | 745          | 536,360.697403  | 1,816,708.152110 |
| 745 - 746 | 49°19'51"SE | 7.62                  | 746          | 536,366.477602  | 1,816,703.185770 |
| 746 - 747 | 85°43'28"SE | 15.82                 | 747          | 536,382.252272  | 1,816,702.006500 |
| 747 - 748 | 61°11'30"SE | 30.72                 | 748          | 536,409.166879  | 1,816,687.205130 |
| 748 - 749 | 40°52'22"SE | 20.59                 | 749          | 536,422.637950  | 1,816,671.638800 |
| 749 - 750 | 57°17'19"SE | 32.88                 | 750          | 536,450.304564  | 1,816,653.869390 |
| 750 - 751 | 64°35'36"SE | 20.69                 | 751          | 536,468.992969  | 1,816,644.992880 |
| 751 - 752 | 49°13'01"SE | 30.62                 | 752          | 536,492.181796  | 1,816,624.988950 |
| 752 - 753 | 58°15'00"SE | 14.07                 | 753          | 536,504.145308  | 1,816,617.585780 |
| 753 - 754 | 55°42'49"SE | 55.21                 | 754          | 536,549.761136  | 1,816,586.484690 |
| 754 - 755 | 50°18'48"SE | 35.96                 | 755          | 536,577.436754  | 1,816,563.519020 |
| 755 - 756 | 55°29'05"SE | 32.67                 | 756          | 536,604.357952  | 1,816,545.006120 |
| 756 - 757 | 52°41'57"SE | 36.67                 | 757          | 536,633.526304  | 1,816,522.785340 |
| 757 - 758 | 47°28'34"SE | 27.41                 | 758          | 536,653.725137  | 1,816,504.261070 |
| 758 - 759 | 38°18'58"SE | 21.73                 | 759          | 536,667.199016  | 1,816,487.210090 |
| 759 - 760 | 44°16'08"SE | 30.01                 | 760          | 536,688.149890  | 1,816,465.717730 |
| 760 - 761 | 39°40'18"SE | 26.97                 | 761          | 536,705.364832  | 1,816,444.961370 |
| 761 - 762 | 54°14'17"SE | 20.28                 | 762          | 536,721.817738  | 1,816,433.111830 |
| 762 - 763 | 65°36'27"SE | 19.70                 | 763          | 536,739.758244  | 1,816,424.976530 |
| 763 - 764 | 55°45'14"SE | 14.47                 | 764          | 536,751.723215  | 1,816,416.831080 |
| 764 - 765 | 04°31'23"SE | 9.68                  | 765          | 536,752.486557  | 1,816,407.181920 |
| 765 - 766 | 03°07'43"SE | 14.12                 | 766          | 536,753.257470  | 1,816,393.078700 |
| 766 - 767 | 37°08'14"SE | 7.44                  | 767          | 536,757.749230  | 1,816,387.147580 |
| 767 - 768 | 63°40'25"SE | 10.01                 | 768          | 536,766.720138  | 1,816,382.708770 |
| 768 - 769 | 56°34'14"SE | 16.13                 | 769          | 536,780.180295  | 1,816,373.823520 |
| 769 - 770 | 31°51'47"SE | 11.35                 | 770          | 536,786.172270  | 1,816,364.183230 |
| 770 - 771 | 28°51'25"SE | 18.63                 | 771          | 536,795.163401  | 1,816,347.866930 |
| 771 - 772 | 16°48'06"SE | 21.89                 | 772          | 536,801.491124  | 1,816,326.910780 |
| 772 - 773 | 61°11'48"SE | 11.57                 | 773          | 536,811.628600  | 1,816,321.336940 |
| 773 - 774 | 50°08'09"SE | 6.79                  | 774          | 536,816.841384  | 1,816,316.983950 |
| 774 - 775 | 50°57'52"SE | 17.21                 | 775          | 536,830.206234  | 1,816,306.147590 |
| 775 - 776 | 46°54'32"SE | 21.52                 | 776          | 536,845.925042  | 1,816,291.442890 |
| 776 - 777 | 44°05'26"SE | 22.59                 | 777          | 536,861.643851  | 1,816,275.217030 |
| 777 - 778 | 54°29'56"SE | 22.97                 | 778          | 536,880.345921  | 1,816,261.876430 |
| 778 - 779 | 45°00'00"SE | 25.82                 | 779          | 536,898.600021  | 1,816,243.622330 |
| 779 - 780 | 49°23'55"SE | 18.70                 | 780          | 536,912.797654  | 1,816,231.452930 |
| 780 - 781 | 66°02'15"SE | 24.97                 | 781          | 536,935.615279  | 1,816,221.311770 |
| 781 - 782 | 33°29'15"SE | 20.03                 | 782          | 536,946.669220  | 1,816,204.603340 |
| 782 - 783 | 83°27'31"NE | 2.67                  | 783          | 536,949.319033  | 1,816,204.907180 |
| 783 - 784 | 08°40'50"SE | 5.41                  | 784          | 536,950.135876  | 1,816,199.557070 |
| 784 - 785 | 36°28'09"SE | 17.34                 | 785          | 536,960.440244  | 1,816,185.615860 |
| 785 - 786 | 45°16'30"SE | 11.72                 | 786          | 536,968.765058  | 1,816,177.370580 |
| 786 - 787 | 45°16'30"SE | 9.62                  | 787          | 536,975.598118  | 1,816,170.602800 |
| 787 - 788 | 25°03'18"SW | 1.64                  | 788          | 536,974.904620  | 1,816,169.119310 |
| 788 - 789 | 41°38'00"SE | 6.29                  | 789          | 536,979.083379  | 1,816,164.418200 |
| 789 - 790 | 51°57'10"SE | 21.49                 | 790          | 536,996.007393  | 1,816,151.173320 |
| 790 - 791 | 43°52'36"SE | 26.54                 | 791          | 537,014.403060  | 1,816,132.041830 |
| 791 - 792 | 46°07'23"SE | 26.54                 | 792          | 537,033.534554  | 1,816,113.646160 |
| 792 - 793 | 45°00'00"SE | 28.10                 | 793          | 537,053.401874  | 1,816,093.778840 |
| 793 - 794 | 62°10'33"SE | 29.95                 | 794          | 537,079.891635  | 1,816,079.798140 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 794 - 795 | 62°47'01"SE | 28.96                 | 795          | 537,105.645568  | 1,816,066.553260 |
| 795 - 796 | 28°27'43"SE | 20.11                 | 796          | 537,115.230371  | 1,816,048.872330 |
| 796 - 797 | 11°35'21"SE | 5.16                  | 797          | 537,116.267518  | 1,816,043.814950 |
| 797 - 798 | 12°56'07"SE | 3.99                  | 798          | 537,117.161030  | 1,816,039.924730 |
| 798 - 799 | 12°15'53"SE | 8.14                  | 799          | 537,118.890449  | 1,816,031.969400 |
| 799 - 800 | 57°59'40"SE | 13.88                 | 800          | 537,130.663675  | 1,816,024.611130 |
| 800 - 801 | 59°55'53"SE | 16.15                 | 801          | 537,144.644382  | 1,816,016.517040 |
| 801 - 802 | 52°25'53"SE | 12.07                 | 802          | 537,154.210129  | 1,816,009.158770 |
| 802 - 803 | 47°01'22"SE | 9.63                  | 803          | 537,161.253086  | 1,816,002.596350 |
| 803 - 804 | 24°08'46"SE | 18.24                 | 804          | 537,168.713518  | 1,815,985.954420 |
| 804 - 805 | 28°04'20"SE | 6.92                  | 805          | 537,171.969926  | 1,815,979.848650 |
| 805 - 806 | 15°38'32"SE | 3.37                  | 806          | 537,172.877328  | 1,815,976.607930 |
| 806 - 807 | 15°35'05"SE | 7.17                  | 807          | 537,174.802989  | 1,815,969.703990 |
| 807 - 808 | 58°47'32"SE | 15.55                 | 808          | 537,188.102734  | 1,815,961.646960 |
| 808 - 809 | 58°51'39"SE | 7.31                  | 809          | 537,194.357733  | 1,815,957.867890 |
| 809 - 810 | 44°59'59"SE | 28.21                 | 810          | 537,214.303233  | 1,815,937.922390 |
| 810 - 811 | 42°22'49"SE | 44.08                 | 811          | 537,244.017958  | 1,815,905.358310 |
| 811 - 812 | 44°27'52"SE | 30.01                 | 812          | 537,265.039325  | 1,815,883.940320 |
| 812 - 813 | 75°26'31"SE | 5.80                  | 813          | 537,270.650981  | 1,815,882.482990 |
| 813 - 814 | 67°01'40"SE | 2.84                  | 814          | 537,273.267269  | 1,815,881.373950 |
| 814 - 815 | 63°40'30"SE | 7.51                  | 815          | 537,279.995688  | 1,815,878.044920 |
| 815 - 816 | 71°46'11"SE | 5.90                  | 816          | 537,285.601106  | 1,815,876.198670 |
| 816 - 817 | 34°57'35"SE | 5.88                  | 817          | 537,288.970756  | 1,815,871.379130 |
| 817 - 818 | 63°40'30"SE | 7.51                  | 818          | 537,295.699180  | 1,815,868.050100 |
| 818 - 819 | 88°25'28"SE | 12.70                 | 819          | 537,308.398192  | 1,815,867.700810 |
| 819 - 820 | 77°22'15"SE | 8.42                  | 820          | 537,316.617986  | 1,815,865.859080 |
| 820 - 821 | 34°45'44"SW | 5.88                  | 821          | 537,313.264975  | 1,815,861.027950 |
| 821 - 822 | 07°04'11"SW | 5.99                  | 822          | 537,312.528254  | 1,815,855.087780 |
| 822 - 823 | 45°16'33"SE | 7.90                  | 823          | 537,318.140084  | 1,815,849.529730 |
| 823 - 824 | 23°25'33"SE | 8.49                  | 824          | 537,321.514867  | 1,815,841.740750 |
| 824 - 825 | 41°37'20"SE | 12.39                 | 825          | 537,329.747481  | 1,815,832.475410 |
| 825 - 826 | 54°14'23"SE | 10.14                 | 826          | 537,337.974338  | 1,815,826.550700 |
| 826 - 827 | 83°13'56"NE | 6.39                  | 827          | 537,344.322254  | 1,815,827.304020 |
| 827 - 828 | 45°04'41"NE | 4.74                  | 828          | 537,347.677827  | 1,815,830.650450 |
| 828 - 829 | 50°28'02"SE | 8.73                  | 829          | 537,354.410120  | 1,815,825.094340 |
| 829 - 830 | 52°06'49"SE | 6.63                  | 830          | 537,359.645922  | 1,815,821.020380 |
| 830 - 831 | 53°23'56"SE | 3.73                  | 831          | 537,362.637627  | 1,815,818.798460 |
| 831 - 832 | 12°42'10"SE | 6.85                  | 832          | 537,364.143095  | 1,815,812.119780 |
| 832 - 833 | 69°27'40"SW | 9.57                  | 833          | 537,355.185283  | 1,815,808.763680 |
| 833 - 834 | 03°29'58"SW | 5.95                  | 834          | 537,354.822054  | 1,815,802.824140 |
| 834 - 835 | 30°30'35"SE | 10.33                 | 835          | 537,360.066194  | 1,815,793.924820 |
| 835 - 836 | 45°16'33"SE | 10.53                 | 836          | 537,367.548672  | 1,815,786.514090 |
| 836 - 837 | 57°21'18"SE | 7.55                  | 837          | 537,373.904935  | 1,815,782.442070 |
| 837 - 838 | 56°34'19"SE | 8.06                  | 838          | 537,380.635325  | 1,815,777.999500 |
| 838 - 839 | 42°47'09"SE | 12.12                 | 839          | 537,388.867347  | 1,815,769.105340 |
| 839 - 840 | 31°41'11"SE | 15.69                 | 840          | 537,397.107075  | 1,815,755.757000 |
| 840 - 841 | 39°33'43"SE | 10.58                 | 841          | 537,403.843895  | 1,815,747.602620 |
| 841 - 842 | 56°34'20"SE | 10.75                 | 842          | 537,412.817772  | 1,815,741.679200 |
| 842 - 843 | 73°48'18"SE | 6.61                  | 843          | 537,419.170205  | 1,815,739.834270 |
| 843 - 844 | 14°13'08"SE | 4.59                  | 844          | 537,420.298360  | 1,815,735.382020 |
| 844 - 845 | 12°15'59"SE | 5.32                  | 845          | 537,421.427799  | 1,815,730.187410 |
| 845 - 846 | 76°56'14"SE | 13.04                 | 846          | 537,434.131390  | 1,815,727.239920 |
| 846 - 847 | 76°36'33"SE | 11.14                 | 847          | 537,444.966923  | 1,815,724.660380 |
| 847 - 848 | 65°22'13"SE | 16.86                 | 848          | 537,460.291978  | 1,815,717.634420 |
| 848 - 849 | 65°55'38"SE | 12.69                 | 849          | 537,471.878987  | 1,815,712.457920 |
| 849 - 850 | 49°28'27"SW | 10.30                 | 850          | 537,464.047387  | 1,815,705.763050 |
| 850 - 851 | 13°34'18"SE | 8.02                  | 851          | 537,465.928306  | 1,815,697.971440 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 851 - 852 | 46°36'30"SE | 22.65                 | 852          | 537,482.388631  | 1,815,682.410220 |
| 852 - 853 | 51°20'40"SE | 12.45                 | 853          | 537,492.112742  | 1,815,674.632190 |
| 853 - 854 | 24°27'35"SE | 16.30                 | 854          | 537,498.861202  | 1,815,659.796510 |
| 854 - 855 | 67°26'35"SE | 20.24                 | 855          | 537,517.548976  | 1,815,652.034020 |
| 855 - 856 | 75°56'50"NE | 9.24                  | 856          | 537,526.508761  | 1,815,654.276670 |
| 856 - 857 | 89°54'02"NE | 10.46                 | 857          | 537,536.966349  | 1,815,654.294810 |
| 857 - 858 | 63°40'32"SE | 8.34                  | 858          | 537,544.442495  | 1,815,650.595930 |
| 858 - 859 | 60°46'30"SE | 9.85                  | 859          | 537,553.041033  | 1,815,645.785450 |
| 859 - 860 | 51°10'43"SE | 7.68                  | 860          | 537,559.025176  | 1,815,640.970430 |
| 860 - 861 | 46°44'42"SE | 10.27                 | 861          | 537,566.507131  | 1,815,633.930910 |
| 861 - 862 | 56°22'25"NE | 9.41                  | 862          | 537,574.341305  | 1,815,639.141100 |
| 862 - 863 | 01°09'12"NE | 17.08                 | 863          | 537,574.685140  | 1,815,656.216200 |
| 863 - 864 | 00°05'58"NW | 6.68                  | 864          | 537,574.673537  | 1,815,662.897510 |
| 864 - 865 | 56°22'25"NE | 6.72                  | 865          | 537,580.269367  | 1,815,666.619070 |
| 865 - 866 | 85°21'54"SE | 8.99                  | 866          | 537,589.234299  | 1,815,665.892270 |
| 866 - 867 | 79°28'44"SE | 20.14                 | 867          | 537,609.035461  | 1,815,662.214840 |
| 867 - 868 | 87°03'20"NE | 22.44                 | 868          | 537,631.442635  | 1,815,663.367350 |
| 868 - 869 | 82°19'55"SE | 19.22                 | 869          | 537,650.494899  | 1,815,660.802200 |
| 869 - 870 | 35°39'42"SE | 17.34                 | 870          | 537,660.603550  | 1,815,646.714770 |
| 870 - 871 | 28°20'56"SW | 21.95                 | 871          | 537,650.179543  | 1,815,627.395010 |
| 871 - 872 | 75°29'08"SW | 22.37                 | 872          | 537,628.527050  | 1,815,621.789560 |
| 872 - 873 | 82°41'29"SW | 20.71                 | 873          | 537,607.989843  | 1,815,619.155560 |
| 873 - 874 | 88°39'45"SW | 17.18                 | 874          | 537,590.810136  | 1,815,618.754520 |
| 874 - 875 | 88°42'39"NW | 15.32                 | 875          | 537,575.496570  | 1,815,619.099110 |
| 875 - 876 | 78°22'40"SW | 14.87                 | 876          | 537,560.935774  | 1,815,616.104340 |
| 876 - 877 | 25°35'55"SW | 9.47                  | 877          | 537,556.842247  | 1,815,607.559970 |
| 877 - 878 | 46°21'26"SE | 13.96                 | 878          | 537,566.943127  | 1,815,597.926680 |
| 878 - 879 | 65°47'19"SE | 27.05                 | 879          | 537,591.612566  | 1,815,586.833950 |
| 879 - 880 | 79°32'37"SE | 12.16                 | 880          | 537,603.568003  | 1,815,584.627610 |
| 880 - 881 | 16°23'09"SW | 13.16                 | 881          | 537,599.855068  | 1,815,572.000830 |
| 881 - 882 | 20°26'22"SE | 15.04                 | 882          | 537,605.108395  | 1,815,557.904880 |
| 882 - 883 | 24°27'36"SE | 16.30                 | 883          | 537,611.856968  | 1,815,543.069150 |
| 883 - 884 | 36°25'36"SE | 23.96                 | 884          | 537,626.083045  | 1,815,523.792160 |
| 884 - 885 | 80°05'38"NE | 17.44                 | 885          | 537,643.258307  | 1,815,526.791530 |
| 885 - 886 | 47°03'06"NE | 15.28                 | 886          | 537,654.444847  | 1,815,537.204230 |
| 886 - 887 | 13°13'11"NE | 12.97                 | 887          | 537,657.410783  | 1,815,549.829740 |
| 887 - 888 | 22°48'33"NE | 40.30                 | 888          | 537,673.032618  | 1,815,586.975550 |
| 888 - 889 | 55°28'23"NE | 26.26                 | 889          | 537,694.668969  | 1,815,601.860670 |
| 889 - 890 | 60°53'35"SE | 13.69                 | 890          | 537,706.632172  | 1,815,595.200170 |
| 890 - 891 | 07°16'06"SE | 11.97                 | 891          | 537,708.146817  | 1,815,583.324860 |
| 891 - 892 | 12°46'52"SW | 33.51                 | 892          | 537,700.733997  | 1,815,550.647550 |
| 892 - 893 | 06°08'44"SE | 14.18                 | 893          | 537,702.252521  | 1,815,536.545100 |
| 893 - 894 | 31°13'12"SE | 21.68                 | 894          | 537,713.489488  | 1,815,518.005330 |
| 894 - 895 | 00°05'59"SE | 17.82                 | 895          | 537,713.520541  | 1,815,500.188400 |
| 895 - 896 | 09°25'12"SW | 18.07                 | 896          | 537,710.563686  | 1,815,482.366240 |
| 896 - 897 | 76°08'48"SE | 6.16                  | 897          | 537,716.542087  | 1,815,480.891910 |
| 897 - 898 | 61°56'48"SE | 22.03                 | 898          | 537,735.981604  | 1,815,470.532540 |
| 898 - 899 | 24°45'12"SE | 46.56                 | 899          | 537,755.476836  | 1,815,428.251080 |
| 899 - 900 | 31°37'50"SE | 17.85                 | 900          | 537,764.840626  | 1,815,413.048680 |
| 900 - 901 | 29°59'51"SE | 17.98                 | 901          | 537,773.831587  | 1,815,397.474430 |
| 901 - 902 | 29°32'33"SE | 17.48                 | 902          | 537,782.448423  | 1,815,382.270710 |
| 902 - 903 | 35°15'31"SE | 13.62                 | 903          | 537,790.311160  | 1,815,371.148750 |
| 903 - 904 | 38°19'08"SE | 10.87                 | 904          | 537,797.048895  | 1,815,362.623150 |
| 904 - 905 | 47°23'51"SE | 21.35                 | 905          | 537,812.760786  | 1,815,348.174190 |
| 905 - 906 | 38°06'00"SE | 40.04                 | 906          | 537,837.466334  | 1,815,316.666200 |
| 906 - 907 | 36°31'23"SE | 6.92                  | 907          | 537,841.584473  | 1,815,311.105540 |
| 907 - 908 | 72°40'33"SE | 7.44                  | 908          | 537,848.684702  | 1,815,308.890810 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 908 - 909 | 63°40'35"SE | 6.67                  | 909          | 537,854.665758  | 1,815,305.931750 |
| 909 - 910 | 76°08'49"SE | 10.78                 | 910          | 537,865.128064  | 1,815,303.351710 |
| 910 - 911 | 32°15'54"SE | 3.51                  | 911          | 537,867.000717  | 1,815,300.385460 |
| 911 - 912 | 18°38'30"SE | 5.87                  | 912          | 537,868.877917  | 1,815,294.820880 |
| 912 - 913 | 31°13'14"SE | 2.17                  | 913          | 537,870.001639  | 1,815,292.966900 |
| 913 - 914 | 22°01'26"SE | 2.00                  | 914          | 537,870.751870  | 1,815,291.112250 |
| 914 - 915 | 00°06'00"SE | 3.71                  | 915          | 537,870.758366  | 1,815,287.400350 |
| 915 - 916 | 89°53'59"SW | 3.73                  | 916          | 537,867.023448  | 1,815,287.393820 |
| 916 - 917 | 08°41'57"SW | 4.88                  | 917          | 537,866.284908  | 1,815,282.567040 |
| 917 - 918 | 22°01'26"SE | 6.00                  | 918          | 537,868.535601  | 1,815,277.003110 |
| 918 - 919 | 23°51'35"SE | 6.49                  | 919          | 537,871.160437  | 1,815,271.068640 |
| 919 - 920 | 85°36'50"SE | 14.24                 | 920          | 537,885.355083  | 1,815,269.979910 |
| 920 - 921 | 37°08'25"SE | 5.58                  | 921          | 537,888.724309  | 1,815,265.531510 |
| 921 - 922 | 40°04'48"SE | 11.63                 | 922          | 537,896.209751  | 1,815,256.636020 |
| 922 - 923 | 51°14'16"SE | 17.75                 | 923          | 537,910.048471  | 1,815,245.524510 |
| 923 - 924 | 47°34'02"SE | 13.18                 | 924          | 537,919.774884  | 1,815,236.632940 |
| 924 - 925 | 50°28'08"SE | 20.37                 | 925          | 537,935.484346  | 1,815,223.668750 |
| 925 - 926 | 63°40'36"SE | 12.51                 | 926          | 537,946.698894  | 1,815,218.120520 |
| 926 - 927 | 57°47'22"SE | 9.72                  | 927          | 537,954.924852  | 1,815,212.938260 |
| 927 - 928 | 44°11'47"SE | 13.96                 | 928          | 537,964.653251  | 1,815,202.933120 |
| 928 - 929 | 37°18'18"SW | 11.68                 | 929          | 537,957.573155  | 1,815,193.640890 |
| 929 - 930 | 37°08'25"SE | 7.44                  | 930          | 537,962.065493  | 1,815,187.709680 |
| 930 - 931 | 67°23'35"SE | 7.69                  | 931          | 537,969.167079  | 1,815,184.752600 |
| 931 - 932 | 45°16'39"SE | 7.90                  | 932          | 537,974.779251  | 1,815,179.194550 |
| 932 - 933 | 47°45'59"SE | 6.06                  | 933          | 537,979.268339  | 1,815,175.119300 |
| 933 - 934 | 49°05'24"SE | 7.92                  | 934          | 537,985.253359  | 1,815,169.933100 |
| 934 - 935 | 41°27'43"SE | 11.87                 | 935          | 537,993.112367  | 1,815,161.038260 |
| 935 - 936 | 21°15'25"SE | 5.17                  | 936          | 537,994.988308  | 1,815,156.216040 |
| 936 - 937 | 47°15'07"SE | 7.64                  | 937          | 538,000.599843  | 1,815,151.029180 |
| 937 - 938 | 63°40'37"SE | 5.84                  | 938          | 538,005.833323  | 1,815,148.440020 |
| 938 - 939 | 63°40'37"SE | 4.17                  | 939          | 538,009.571524  | 1,815,146.590620 |
| 939 - 940 | 16°41'46"SW | 3.88                  | 940          | 538,008.457560  | 1,815,142.876720 |
| 940 - 941 | 28°51'36"SE | 4.66                  | 941          | 538,010.705696  | 1,815,138.797540 |
| 941 - 942 | 59°59'53"SE | 5.18                  | 942          | 538,015.192192  | 1,815,136.207070 |
| 942 - 943 | 41°54'36"SE | 4.48                  | 943          | 538,018.186015  | 1,815,132.871580 |
| 943 - 944 | 56°22'21"SW | 2.69                  | 944          | 538,015.947657  | 1,815,131.382870 |
| 944 - 945 | 16°53'51"SE | 3.88                  | 945          | 538,017.074660  | 1,815,127.672910 |
| 945 - 946 | 63°40'37"SE | 5.84                  | 946          | 538,022.308148  | 1,815,125.083750 |
| 946 - 947 | 69°27'33"NE | 6.38                  | 947          | 538,028.280148  | 1,815,127.321410 |
| 947 - 948 | 63°40'37"SE | 7.51                  | 948          | 538,035.008921  | 1,815,123.992480 |
| 948 - 949 | 29°36'36"SE | 6.82                  | 949          | 538,038.380810  | 1,815,118.059310 |
| 949 - 950 | 23°51'37"SE | 6.49                  | 950          | 538,041.005711  | 1,815,112.124810 |
| 950 - 951 | 51°58'57"SE | 9.02                  | 951          | 538,048.111901  | 1,815,106.569390 |
| 951 - 952 | 26°48'27"SE | 7.48                  | 952          | 538,051.485101  | 1,815,099.893830 |
| 952 - 953 | 53°56'34"SE | 15.73                 | 953          | 538,064.200252  | 1,815,090.636320 |
| 953 - 954 | 59°17'35"SE | 4.35                  | 954          | 538,067.939121  | 1,815,088.415730 |
| 954 - 955 | 17°18'11"SE | 5.05                  | 955          | 538,069.441589  | 1,815,083.592840 |
| 955 - 956 | 64°40'42"NW | 9.51                  | 956          | 538,060.844017  | 1,815,087.660860 |
| 956 - 957 | 78°39'26"SW | 5.71                  | 957          | 538,055.243546  | 1,815,086.537430 |
| 957 - 958 | 42°47'15"SE | 6.06                  | 958          | 538,059.359826  | 1,815,082.090330 |
| 958 - 959 | 55°16'29"SE | 9.10                  | 959          | 538,066.838873  | 1,815,076.906760 |
| 959 - 960 | 37°08'27"SE | 7.44                  | 960          | 538,071.331264  | 1,815,070.975550 |
| 960 - 961 | 51°36'49"SE | 7.16                  | 961          | 538,076.941533  | 1,815,066.531080 |
| 961 - 962 | 64°53'28"SE | 7.84                  | 962          | 538,084.043828  | 1,815,063.202820 |
| 962 - 963 | 42°55'26"SE | 19.23                 | 963          | 538,097.141004  | 1,815,049.120450 |
| 963 - 964 | 27°53'33"SE | 8.81                  | 964          | 538,101.263180  | 1,815,041.332610 |
| 964 - 965 | 41°37'27"SE | 12.39                 | 965          | 538,109.496432  | 1,815,032.067210 |



| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 965 - 966   | 69°17'39"SE | 13.58                 | 966          | 538,122.203802  | 1,815,027.264050 |
| 966 - 967   | 50°28'09"SE | 2.91                  | 967          | 538,124.448049  | 1,815,025.412020 |
| 967 - 968   | 49°28'21"SW | 3.43                  | 968          | 538,121.837497  | 1,815,023.180250 |
| 968 - 969   | 39°52'44"SW | 2.91                  | 969          | 538,119.973938  | 1,815,020.949800 |
| 969 - 970   | 18°38'32"SE | 4.70                  | 970          | 538,121.475769  | 1,815,016.498090 |
| 970 - 971   | 49°40'28"SE | 3.43                  | 971          | 538,124.094167  | 1,815,014.275530 |
| 971 - 972   | 37°08'27"SE | 9.30                  | 972          | 538,129.709692  | 1,815,006.861500 |
| 972 - 973   | 29°59'55"SE | 5.99                  | 973          | 538,132.706821  | 1,815,001.670040 |
| 973 - 974   | 74°14'55"SE | 5.44                  | 974          | 538,137.938391  | 1,815,000.194470 |
| 974 - 975   | 83°05'52"NE | 9.40                  | 975          | 538,147.273848  | 1,815,001.324510 |
| 975 - 976   | 86°20'40"NE | 5.99                  | 976          | 538,153.249142  | 1,815,001.706240 |
| 976 - 977   | 17°18'12"SE | 5.05                  | 977          | 538,154.751635  | 1,814,996.883340 |
| 977 - 978   | 26°48'28"SE | 4.16                  | 978          | 538,156.625663  | 1,814,993.174680 |
| 978 - 979   | 36°17'49"SE | 5.06                  | 979          | 538,159.620836  | 1,814,989.096800 |
| 979 - 980   | 14°13'14"SE | 7.66                  | 980          | 538,161.501409  | 1,814,981.676190 |
| 980 - 981   | 67°01'49"SE | 8.53                  | 981          | 538,169.350740  | 1,814,978.349260 |
| 981 - 982   | 43°09'23"SE | 7.11                  | 982          | 538,174.215368  | 1,814,973.161090 |
| 982 - 983   | 37°08'27"SE | 9.30                  | 983          | 538,179.830921  | 1,814,965.747060 |
| 983 - 984   | 55°58'43"SE | 9.93                  | 984          | 538,188.057687  | 1,814,960.193620 |
| 984 - 985   | 31°13'16"SE | 8.67                  | 985          | 538,192.552755  | 1,814,952.777620 |
| 985 - 986   | 11°39'31"SW | 3.32                  | 986          | 538,191.881885  | 1,814,949.526320 |
| 986 - 987   | 61°03'00"SE | 1.28                  | 987          | 538,193.005201  | 1,814,948.904940 |
| 987 - 988   | 42°54'08"SE | 40.78                 | 988          | 538,220.768937  | 1,814,919.030000 |
| 988 - 989   | 41°40'49"SE | 41.22                 | 989          | 538,248.177229  | 1,814,888.246510 |
| 989 - 990   | 40°09'33"SE | 39.65                 | 990          | 538,273.747195  | 1,814,857.945010 |
| 990 - 991   | 39°06'16"SE | 18.02                 | 991          | 538,285.115172  | 1,814,843.958990 |
| 991 - 992   | 41°11'27"SE | 6.67                  | 992          | 538,289.508544  | 1,814,838.938890 |
| 992 - 993   | 41°16'08"SE | 16.34                 | 993          | 538,300.287119  | 1,814,826.656560 |
| 993 - 994   | 43°46'06"SE | 1.15                  | 994          | 538,301.082395  | 1,814,825.826340 |
| 994 - 995   | 82°05'35"NE | 4.16                  | 995          | 538,305.199528  | 1,814,826.398140 |
| 995 - 996   | 79°39'21"NE | 4.18                  | 996          | 538,309.306713  | 1,814,827.147810 |
| 996 - 997   | 70°46'20"SE | 6.73                  | 997          | 538,315.660152  | 1,814,824.931860 |
| 997 - 998   | 57°09'07"SE | 10.24                 | 998          | 538,324.260506  | 1,814,819.379100 |
| 998 - 999   | 57°14'21"SE | 8.89                  | 999          | 538,331.739050  | 1,814,814.566750 |
| 999 - 1000  | 68°58'12"SE | 7.21                  | 1,000        | 538,338.466652  | 1,814,811.980260 |
| 1000 - 1001 | 00°06'05"SE | 7.42                  | 1,001        | 538,338.479800  | 1,814,804.556300 |
| 1001 - 1002 | 29°59'57"SE | 8.99                  | 1,002        | 538,342.975610  | 1,814,796.769070 |
| 1002 - 1003 | 37°58'02"SE | 31.03                 | 1,003        | 538,362.067542  | 1,814,772.303710 |
| 1003 - 1004 | 40°15'46"SE | 15.06                 | 1,004        | 538,371.798959  | 1,814,760.813750 |
| 1004 - 1005 | 47°46'03"SE | 24.25                 | 1,005        | 538,389.755970  | 1,814,744.512770 |
| 1005 - 1006 | 39°02'24"SE | 31.50                 | 1,006        | 538,409.595004  | 1,814,720.048710 |
| 1006 - 1007 | 31°52'03"SE | 5.68                  | 1,007        | 538,412.591580  | 1,814,715.228420 |
| 1007 - 1008 | 47°46'03"SE | 6.06                  | 1,008        | 538,417.080847  | 1,814,711.153170 |
| 1008 - 1009 | 48°51'13"SE | 8.45                  | 1,009        | 538,423.440261  | 1,814,705.596440 |
| 1009 - 1010 | 71°46'22"SE | 4.72                  | 1,010        | 538,427.924920  | 1,814,704.119600 |
| 1010 - 1011 | 07°16'13"SE | 5.99                  | 1,011        | 538,428.682467  | 1,814,698.181720 |
| 1011 - 1012 | 33°45'07"SW | 2.68                  | 1,012        | 538,427.192412  | 1,814,695.951870 |
| 1012 - 1013 | 48°46'51"SE | 12.93                 | 1,013        | 538,436.918625  | 1,814,687.431500 |
| 1013 - 1014 | 36°10'47"SE | 13.32                 | 1,014        | 538,444.781289  | 1,814,676.680620 |
| 1014 - 1015 | 56°13'11"SE | 16.65                 | 1,015        | 538,458.617365  | 1,814,667.425150 |
| 1015 - 1016 | 32°59'54"SE | 12.38                 | 1,016        | 538,465.358879  | 1,814,657.043470 |
| 1016 - 1017 | 20°56'41"SE | 14.70                 | 1,017        | 538,470.612324  | 1,814,643.318330 |
| 1017 - 1018 | 58°33'30"SE | 14.90                 | 1,018        | 538,483.325284  | 1,814,635.545670 |
| 1018 - 1019 | 64°07'39"SE | 21.19                 | 1,019        | 538,502.390450  | 1,814,626.299510 |
| 1019 - 1020 | 53°24'06"SE | 13.04                 | 1,020        | 538,512.862411  | 1,814,618.522880 |
| 1020 - 1021 | 32°38'34"SE | 18.05                 | 1,021        | 538,522.600582  | 1,814,603.320890 |
| 1021 - 1022 | 37°30'27"SE | 11.68                 | 1,022        | 538,529.713668  | 1,814,594.053470 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1022 - 1023 | 36°17'52"SE | 10.12                 | 1,023        | 538,535.704266  | 1,814,585.897660 |
| 1023 - 1024 | 47°15'12"SE | 7.64                  | 1,024        | 538,541.316078  | 1,814,580.710800 |
| 1024 - 1025 | 34°28'57"SE | 11.24                 | 1,025        | 538,547.682171  | 1,814,571.442050 |
| 1025 - 1026 | 35°34'49"SE | 10.94                 | 1,026        | 538,554.047609  | 1,814,562.544500 |
| 1026 - 1027 | 43°43'50"SE | 9.74                  | 1,027        | 538,560.783251  | 1,814,555.503620 |
| 1027 - 1028 | 53°48'07"SE | 10.66                 | 1,028        | 538,569.385098  | 1,814,549.208480 |
| 1028 - 1029 | 49°54'44"SE | 9.78                  | 1,029        | 538,576.866436  | 1,814,542.911340 |
| 1029 - 1030 | 84°25'35"SE | 7.51                  | 1,030        | 538,584.337855  | 1,814,542.182250 |
| 1030 - 1031 | 85°31'34"NE | 4.87                  | 1,031        | 538,589.192756  | 1,814,542.562100 |
| 1031 - 1032 | 51°24'38"NE | 2.39                  | 1,032        | 538,591.057634  | 1,814,544.050240 |
| 1032 - 1033 | 70°01'41"NE | 4.37                  | 1,033        | 538,595.163540  | 1,814,545.542380 |
| 1033 - 1034 | 33°57'21"SE | 4.02                  | 1,034        | 538,597.410525  | 1,814,542.205550 |
| 1034 - 1035 | 00°06'07"SE | 5.20                  | 1,035        | 538,597.419789  | 1,814,537.008710 |
| 1035 - 1036 | 71°34'08"SW | 2.36                  | 1,036        | 538,595.180083  | 1,814,536.262310 |
| 1036 - 1037 | 32°47'39"SW | 6.19                  | 1,037        | 538,591.827801  | 1,814,531.059470 |
| 1037 - 1038 | 40°52'42"SE | 3.43                  | 1,038        | 538,594.073463  | 1,814,528.465050 |
| 1038 - 1039 | 09°37'19"SE | 4.52                  | 1,039        | 538,594.828413  | 1,814,524.011940 |
| 1039 - 1040 | 34°57'47"SE | 5.88                  | 1,040        | 538,598.198563  | 1,814,519.192290 |
| 1040 - 1041 | 45°16'45"SE | 6.32                  | 1,041        | 538,602.688567  | 1,814,514.745840 |
| 1041 - 1042 | 21°15'31"SE | 5.17                  | 1,042        | 538,604.564698  | 1,814,509.923530 |
| 1042 - 1043 | 54°01'01"SE | 6.93                  | 1,043        | 538,610.174560  | 1,814,505.850280 |
| 1043 - 1044 | 56°34'31"SE | 5.38                  | 1,044        | 538,614.661922  | 1,814,502.888650 |
| 1044 - 1045 | 37°08'32"SE | 5.58                  | 1,045        | 538,618.031417  | 1,814,498.440200 |
| 1045 - 1046 | 33°57'21"SE | 5.36                  | 1,046        | 538,621.027407  | 1,814,493.991090 |
| 1046 - 1047 | 28°00'25"SE | 7.98                  | 1,047        | 538,624.775046  | 1,814,486.944880 |
| 1047 - 1048 | 00°06'07"SE | 7.08                  | 1,048        | 538,624.787681  | 1,814,479.861750 |
| 1048 - 1049 | 44°32'11"SE | 2.25                  | 1,049        | 538,626.362803  | 1,814,478.260940 |
| 1049 - 1050 | 42°44'07"SE | 11.91                 | 1,050        | 538,634.442897  | 1,814,469.515490 |
| 1050 - 1051 | 89°53'51"NE | 4.56                  | 1,051        | 538,638.999400  | 1,814,469.523620 |
| 1051 - 1052 | 67°01'53"SE | 5.68                  | 1,052        | 538,644.232461  | 1,814,467.305720 |
| 1052 - 1053 | 34°38'52"SE | 8.56                  | 1,053        | 538,649.100630  | 1,814,460.261510 |
| 1053 - 1054 | 45°16'45"SE | 6.85                  | 1,054        | 538,653.964827  | 1,814,455.444520 |
| 1054 - 1055 | 49°05'30"SE | 7.92                  | 1,055        | 538,659.950207  | 1,814,450.258330 |
| 1055 - 1056 | 63°40'43"SE | 5.00                  | 1,056        | 538,664.436262  | 1,814,448.039110 |
| 1056 - 1057 | 12°42'22"SE | 3.42                  | 1,057        | 538,665.189241  | 1,814,444.699600 |
| 1057 - 1058 | 43°29'21"SE | 16.86                 | 1,058        | 538,676.789825  | 1,814,432.470530 |
| 1058 - 1059 | 40°18'25"SE | 12.15                 | 1,059        | 538,684.650047  | 1,814,423.204420 |
| 1059 - 1060 | 52°42'17"SE | 24.45                 | 1,060        | 538,704.098948  | 1,814,408.390930 |
| 1060 - 1061 | 54°23'18"SE | 21.62                 | 1,061        | 538,721.676356  | 1,814,395.801340 |
| 1061 - 1062 | 15°56'12"SW | 5.41                  | 1,062        | 538,720.191619  | 1,814,390.601790 |
| 1062 - 1063 | 10°15'53"SW | 4.15                  | 1,063        | 538,719.451906  | 1,814,386.517190 |
| 1063 - 1064 | 57°47'29"SE | 4.86                  | 1,064        | 538,723.565136  | 1,814,383.926100 |
| 1064 - 1065 | 54°43'55"SE | 6.41                  | 1,065        | 538,728.800882  | 1,814,380.223400 |
| 1065 - 1066 | 45°16'46"SE | 4.21                  | 1,066        | 538,731.794255  | 1,814,377.259100 |
| 1066 - 1067 | 41°11'32"SE | 7.39                  | 1,067        | 538,736.659817  | 1,814,371.699700 |
| 1067 - 1068 | 58°03'58"SE | 11.90                 | 1,068        | 538,746.755820  | 1,814,365.407240 |
| 1068 - 1069 | 84°41'44"SE | 7.88                  | 1,069        | 538,754.600816  | 1,814,364.678870 |
| 1069 - 1070 | 67°50'48"SE | 6.86                  | 1,070        | 538,760.955102  | 1,814,362.091790 |
| 1070 - 1071 | 12°03'46"SE | 7.21                  | 1,071        | 538,762.461760  | 1,814,355.041550 |
| 1071 - 1072 | 30°30'48"SE | 5.17                  | 1,072        | 538,765.084291  | 1,814,350.591760 |
| 1072 - 1073 | 31°13'22"SE | 8.67                  | 1,073        | 538,769.579682  | 1,814,343.175660 |
| 1073 - 1074 | 31°41'23"SE | 7.84                  | 1,074        | 538,773.700238  | 1,814,336.501300 |
| 1074 - 1075 | 45°16'46"SE | 9.48                  | 1,075        | 538,780.435357  | 1,814,329.831620 |
| 1075 - 1076 | 18°26'20"SW | 3.52                  | 1,076        | 538,779.320814  | 1,814,326.488760 |
| 1076 - 1077 | 47°00'54"SE | 8.69                  | 1,077        | 538,785.681099  | 1,814,320.560830 |
| 1077 - 1078 | 47°24'01"SE | 7.12                  | 1,078        | 538,790.918866  | 1,814,315.744510 |
| 1078 - 1079 | 35°15'40"SE | 9.08                  | 1,079        | 538,796.161291  | 1,814,308.329740 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1079 - 1080 | 72°50'57"SE | 6.26                  | 1,080        | 538,802.140760  | 1,814,306.484410 |
| 1080 - 1081 | 50°10'34"SE | 9.25                  | 1,081        | 538,809.248075  | 1,814,300.557820 |
| 1081 - 1082 | 56°34'33"SE | 5.38                  | 1,082        | 538,813.735507  | 1,814,297.596190 |
| 1082 - 1083 | 42°05'56"SE | 9.49                  | 1,083        | 538,820.097806  | 1,814,290.554640 |
| 1083 - 1084 | 32°59'57"SE | 6.19                  | 1,084        | 538,823.468707  | 1,814,285.363770 |
| 1084 - 1085 | 09°53'22"SE | 5.70                  | 1,085        | 538,824.447381  | 1,814,279.750130 |
| 1085 - 1086 | 49°41'37"SE | 24.25                 | 1,086        | 538,842.943300  | 1,814,264.060950 |
| 1086 - 1087 | 43°34'24"SE | 19.82                 | 1,087        | 538,856.604113  | 1,814,249.702420 |
| 1087 - 1088 | 43°34'24"SE | 28.28                 | 1,088        | 538,876.098902  | 1,814,229.211940 |
| 1088 - 1089 | 38°04'45"SE | 42.69                 | 1,089        | 538,902.425901  | 1,814,195.610940 |
| 1089 - 1090 | 41°57'32"SE | 36.26                 | 1,090        | 538,926.670355  | 1,814,168.645890 |
| 1090 - 1091 | 39°24'32"SE | 1.14                  | 1,091        | 538,927.393036  | 1,814,167.766370 |
| 1091 - 1092 | 83°55'28"NE | 4.63                  | 1,092        | 538,931.997310  | 1,814,168.256420 |
| 1092 - 1093 | 54°02'16"NE | 5.07                  | 1,093        | 538,936.100596  | 1,814,171.233480 |
| 1093 - 1094 | 76°08'59"SE | 4.62                  | 1,094        | 538,940.584735  | 1,814,170.127910 |
| 1094 - 1095 | 00°06'10"SE | 4.45                  | 1,095        | 538,940.592745  | 1,814,165.673400 |
| 1095 - 1096 | 00°06'10"SE | 3.34                  | 1,096        | 538,940.598753  | 1,814,162.332510 |
| 1096 - 1097 | 22°50'56"SE | 4.83                  | 1,097        | 538,942.474320  | 1,814,157.881360 |
| 1097 - 1098 | 54°43'57"SE | 6.41                  | 1,098        | 538,947.710159  | 1,814,154.178670 |
| 1098 - 1099 | 42°15'59"SE | 5.01                  | 1,099        | 538,951.078440  | 1,814,150.472620 |
| 1099 - 1100 | 05°38'33"SW | 3.73                  | 1,100        | 538,950.711605  | 1,814,146.759850 |
| 1100 - 1101 | 32°44'05"SE | 4.85                  | 1,101        | 538,953.333532  | 1,814,142.681240 |
| 1101 - 1102 | 53°24'11"SE | 3.73                  | 1,102        | 538,956.325634  | 1,814,140.459360 |
| 1102 - 1103 | 40°52'46"SE | 13.73                 | 1,103        | 538,965.308621  | 1,814,130.081610 |
| 1103 - 1104 | 35°48'30"SE | 3.20                  | 1,104        | 538,967.180856  | 1,814,127.486500 |
| 1104 - 1105 | 60°00'02"SE | 5.18                  | 1,105        | 538,971.667678  | 1,814,124.896100 |
| 1105 - 1106 | 70°14'00"SE | 4.37                  | 1,106        | 538,975.778984  | 1,814,123.418650 |
| 1106 - 1107 | 08°16'58"SE | 2.63                  | 1,107        | 538,976.157173  | 1,814,120.820850 |
| 1107 - 1108 | 00°06'11"SE | 3.71                  | 1,108        | 538,976.163854  | 1,814,117.108750 |
| 1108 - 1109 | 23°51'46"SE | 6.49                  | 1,109        | 538,978.789130  | 1,814,111.174090 |
| 1109 - 1110 | 42°03'37"SW | 2.44                  | 1,110        | 538,977.157230  | 1,814,109.365520 |
| 1110 - 1111 | 46°17'43"SE | 22.07                 | 1,111        | 538,993.109621  | 1,814,094.118630 |
| 1111 - 1112 | 45°21'08"SE | 43.00                 | 1,112        | 539,023.703515  | 1,814,063.898770 |
| 1112 - 1113 | 44°26'14"SE | 33.35                 | 1,113        | 539,047.049862  | 1,814,040.089340 |
| 1113 - 1114 | 42°42'20"SE | 27.36                 | 1,114        | 539,065.606123  | 1,814,019.984160 |
| 1114 - 1115 | 81°24'37"SE | 7.18                  | 1,115        | 539,072.707508  | 1,814,018.911480 |
| 1115 - 1116 | 33°57'25"SE | 8.05                  | 1,116        | 539,077.201733  | 1,814,012.237750 |
| 1116 - 1117 | 57°31'44"SE | 6.21                  | 1,117        | 539,082.436960  | 1,814,008.906280 |
| 1117 - 1118 | 69°39'48"SE | 6.38                  | 1,118        | 539,088.417207  | 1,814,006.689790 |
| 1118 - 1119 | 32°32'21"SE | 8.36                  | 1,119        | 539,092.912109  | 1,813,999.644850 |
| 1119 - 1120 | 57°31'44"SE | 6.21                  | 1,120        | 539,098.147341  | 1,813,996.313380 |
| 1120 - 1121 | 21°08'46"SE | 13.52                 | 1,121        | 539,103.025816  | 1,813,983.700920 |
| 1121 - 1122 | 45°16'50"SE | 7.37                  | 1,122        | 539,108.264405  | 1,813,978.513390 |
| 1122 - 1123 | 69°11'03"SE | 5.20                  | 1,123        | 539,113.123449  | 1,813,976.666100 |
| 1123 - 1124 | 58°15'25"SE | 3.52                  | 1,124        | 539,116.114919  | 1,813,974.815430 |
| 1124 - 1125 | 16°54'01"SE | 3.88                  | 1,125        | 539,117.242168  | 1,813,971.105330 |
| 1125 - 1126 | 15°56'08"SW | 2.70                  | 1,126        | 539,116.499831  | 1,813,968.505490 |
| 1126 - 1127 | 15°56'08"SW | 2.70                  | 1,127        | 539,115.757495  | 1,813,965.905650 |
| 1127 - 1128 | 33°57'25"SE | 4.02                  | 1,128        | 539,118.004618  | 1,813,962.568780 |
| 1128 - 1129 | 49°05'35"SE | 3.96                  | 1,129        | 539,120.997432  | 1,813,959.975690 |
| 1129 - 1130 | 35°48'31"SE | 3.20                  | 1,130        | 539,122.869701  | 1,813,957.380570 |
| 1130 - 1131 | 55°03'09"SE | 7.76                  | 1,131        | 539,129.227506  | 1,813,952.937490 |
| 1131 - 1132 | 00°06'12"SE | 6.31                  | 1,132        | 539,129.238907  | 1,813,946.626870 |
| 1132 - 1133 | 16°41'36"SW | 1.68                  | 1,133        | 539,128.756835  | 1,813,945.019370 |
| 1133 - 1134 | 41°06'21"SE | 35.39                 | 1,134        | 539,152.024689  | 1,813,918.352660 |
| 1134 - 1135 | 41°52'23"SE | 40.78                 | 1,135        | 539,179.244784  | 1,813,887.986910 |
| 1135 - 1136 | 41°45'32"SE | 39.85                 | 1,136        | 539,205.784249  | 1,813,858.261350 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1136 - 1137 | 86°56'36"SE | 3.93                  | 1,137        | 539,209.705309  | 1,813,858.051980 |
| 1137 - 1138 | 30°30'52"SE | 5.17                  | 1,138        | 539,212.327992  | 1,813,853.602140 |
| 1138 - 1139 | 67°01'58"SE | 5.68                  | 1,139        | 539,217.561262  | 1,813,851.384310 |
| 1139 - 1140 | 45°16'51"SE | 5.79                  | 1,140        | 539,221.677343  | 1,813,847.308390 |
| 1140 - 1141 | 32°44'08"SE | 4.85                  | 1,141        | 539,224.299357  | 1,813,843.229760 |
| 1141 - 1142 | 26°48'38"SE | 4.16                  | 1,142        | 539,226.173665  | 1,813,839.521000 |
| 1142 - 1143 | 43°32'41"SE | 8.69                  | 1,143        | 539,232.161370  | 1,813,833.221160 |
| 1143 - 1144 | 53°24'13"SE | 3.73                  | 1,144        | 539,235.153543  | 1,813,830.999290 |
| 1144 - 1145 | 08°54'11"SE | 4.88                  | 1,145        | 539,235.909319  | 1,813,826.174840 |
| 1145 - 1146 | 15°56'07"SW | 2.60                  | 1,146        | 539,235.194695  | 1,813,823.672010 |
| 1146 - 1147 | 39°16'02"SE | 3.20                  | 1,147        | 539,237.217419  | 1,813,821.197840 |
| 1147 - 1148 | 75°43'08"SE | 9.84                  | 1,148        | 539,246.754777  | 1,813,818.770160 |
| 1148 - 1149 | 63°40'48"SE | 5.84                  | 1,149        | 539,251.988731  | 1,813,816.181130 |
| 1149 - 1150 | 43°43'57"SE | 9.74                  | 1,150        | 539,258.724832  | 1,813,809.140220 |
| 1150 - 1151 | 05°38'30"SW | 3.73                  | 1,151        | 539,258.358042  | 1,813,805.427390 |
| 1151 - 1152 | 23°09'48"SE | 10.49                 | 1,152        | 539,262.484232  | 1,813,795.783230 |
| 1152 - 1153 | 55°16'41"SE | 9.10                  | 1,153        | 539,269.964013  | 1,813,790.599750 |
| 1153 - 1154 | 42°59'23"SE | 6.59                  | 1,154        | 539,274.454980  | 1,813,785.782070 |
| 1154 - 1155 | 71°46'30"SE | 4.72                  | 1,155        | 539,278.939890  | 1,813,784.305340 |
| 1155 - 1156 | 26°48'39"SE | 4.99                  | 1,156        | 539,281.189077  | 1,813,779.854810 |
| 1156 - 1157 | 26°48'39"SE | 3.32                  | 1,157        | 539,282.688536  | 1,813,776.887790 |
| 1157 - 1158 | 13°10'34"SE | 4.95                  | 1,158        | 539,283.817843  | 1,813,772.064010 |
| 1158 - 1159 | 07°54'59"SE | 4.04                  | 1,159        | 539,284.373699  | 1,813,768.066700 |
| 1159 - 1160 | 77°38'59"SE | 5.56                  | 1,160        | 539,289.803563  | 1,813,766.877830 |
| 1160 - 1161 | 50°19'14"SE | 17.98                 | 1,161        | 539,303.644627  | 1,813,755.395190 |
| 1161 - 1162 | 42°47'27"SE | 12.12                 | 1,162        | 539,311.878207  | 1,813,746.500910 |
| 1162 - 1163 | 53°24'14"SE | 9.32                  | 1,163        | 539,319.358690  | 1,813,740.946220 |
| 1163 - 1164 | 21°15'37"SE | 10.35                 | 1,164        | 539,323.111401  | 1,813,731.301360 |
| 1164 - 1165 | 53°24'14"SE | 7.45                  | 1,165        | 539,329.095794  | 1,813,726.857610 |
| 1165 - 1166 | 49°05'37"SE | 7.92                  | 1,166        | 539,335.081538  | 1,813,721.671430 |
| 1166 - 1167 | 45°16'51"SE | 3.16                  | 1,167        | 539,337.326698  | 1,813,719.448190 |
| 1167 - 1168 | 21°04'35"SE | 8.35                  | 1,168        | 539,340.329010  | 1,813,711.658060 |
| 1168 - 1169 | 47°15'20"SE | 7.64                  | 1,169        | 539,345.941242  | 1,813,706.471200 |
| 1169 - 1170 | 33°22'39"SE | 10.21                 | 1,170        | 539,351.559545  | 1,813,697.943380 |
| 1170 - 1171 | 47°39'59"SE | 12.65                 | 1,171        | 539,360.913051  | 1,813,689.422340 |
| 1171 - 1172 | 46°33'14"SE | 11.85                 | 1,172        | 539,369.518850  | 1,813,681.271160 |
| 1172 - 1173 | 65°02'21"SE | 7.01                  | 1,173        | 539,375.874087  | 1,813,678.312960 |
| 1173 - 1174 | 45°58'17"SE | 21.86                 | 1,174        | 539,391.589605  | 1,813,663.121550 |
| 1174 - 1175 | 38°56'13"SE | 2.38                  | 1,175        | 539,393.087061  | 1,813,661.268180 |
| 1175 - 1176 | 17°33'33"SE | 6.23                  | 1,176        | 539,394.965464  | 1,813,655.332090 |
| 1176 - 1177 | 28°33'11"SE | 10.98                 | 1,177        | 539,400.212305  | 1,813,645.689920 |
| 1177 - 1178 | 53°48'15"SE | 10.66                 | 1,178        | 539,408.814759  | 1,813,639.394840 |
| 1178 - 1179 | 41°05'40"SE | 10.82                 | 1,179        | 539,415.926512  | 1,813,631.240940 |
| 1179 - 1180 | 21°28'29"SE | 7.18                  | 1,180        | 539,418.553317  | 1,813,624.563770 |
| 1180 - 1181 | 30°00'06"SE | 3.00                  | 1,181        | 539,420.052129  | 1,813,621.967950 |
| 1181 - 1182 | 24°40'55"SE | 4.49                  | 1,182        | 539,421.927165  | 1,813,617.887950 |
| 1182 - 1183 | 63°40'50"SE | 10.84                 | 1,183        | 539,431.647498  | 1,813,613.079780 |
| 1183 - 1184 | 31°13'28"SE | 6.50                  | 1,184        | 539,435.019325  | 1,813,607.517610 |
| 1184 - 1185 | 71°46'31"SE | 7.08                  | 1,185        | 539,441.746763  | 1,813,605.302540 |
| 1185 - 1186 | 34°33'22"SE | 9.90                  | 1,186        | 539,447.364454  | 1,813,597.145920 |
| 1186 - 1187 | 06°29'00"SE | 3.36                  | 1,187        | 539,447.744059  | 1,813,593.805630 |
| 1187 - 1188 | 33°17'25"SE | 8.87                  | 1,188        | 539,452.613359  | 1,813,586.390090 |
| 1188 - 1189 | 40°05'03"SE | 5.81                  | 1,189        | 539,456.356689  | 1,813,581.942260 |
| 1189 - 1190 | 36°18'01"SE | 5.06                  | 1,190        | 539,459.352301  | 1,813,577.864290 |
| 1190 - 1191 | 52°52'11"SE | 7.98                  | 1,191        | 539,465.710963  | 1,813,573.050000 |
| 1191 - 1192 | 38°56'13"SE | 7.15                  | 1,192        | 539,470.203370  | 1,813,567.489870 |
| 1192 - 1193 | 35°34'58"SE | 10.94                 | 1,193        | 539,476.569479  | 1,813,558.592170 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1193 - 1194 | 45°16'53"SE | 7.90                  | 1,194        | 539,482.182459  | 1,813,553.034080 |
| 1194 - 1195 | 81°48'53"NE | 2.64                  | 1,195        | 539,484.796438  | 1,813,553.410070 |
| 1195 - 1196 | 45°16'53"SE | 1.58                  | 1,196        | 539,485.919034  | 1,813,552.298450 |
| 1196 - 1197 | 29°18'34"SE | 7.66                  | 1,197        | 539,489.666437  | 1,813,545.623300 |
| 1197 - 1198 | 51°11'01"SE | 7.68                  | 1,198        | 539,495.651592  | 1,813,540.808330 |
| 1198 - 1199 | 41°46'36"SE | 12.92                 | 1,199        | 539,504.260208  | 1,813,531.172270 |
| 1199 - 1200 | 67°50'55"SE | 6.86                  | 1,200        | 539,510.614832  | 1,813,528.585310 |
| 1200 - 1201 | 40°22'48"SE | 9.24                  | 1,201        | 539,516.604060  | 1,813,521.543020 |
| 1201 - 1202 | 18°38'45"SE | 3.52                  | 1,202        | 539,517.730722  | 1,813,518.204080 |
| 1202 - 1203 | 36°31'38"SE | 6.92                  | 1,203        | 539,521.849632  | 1,813,512.643270 |
| 1203 - 1204 | 45°16'53"SE | 6.85                  | 1,204        | 539,526.714235  | 1,813,507.826260 |
| 1204 - 1205 | 28°33'12"SE | 5.49                  | 1,205        | 539,529.337701  | 1,813,503.005160 |
| 1205 - 1206 | 18°38'45"SE | 5.87                  | 1,206        | 539,531.215477  | 1,813,497.440260 |
| 1206 - 1207 | 42°47'29"SE | 12.12                 | 1,207        | 539,539.449248  | 1,813,488.545950 |
| 1207 - 1208 | 55°45'40"SE | 7.24                  | 1,208        | 539,545.433075  | 1,813,484.473430 |
| 1208 - 1209 | 45°16'54"SE | 7.90                  | 1,209        | 539,551.046092  | 1,813,478.915340 |
| 1209 - 1210 | 30°00'08"SE | 8.99                  | 1,210        | 539,555.542608  | 1,813,471.127870 |
| 1210 - 1211 | 07°55'02"SE | 4.86                  | 1,211        | 539,556.211574  | 1,813,466.317590 |
| 1211 - 1212 | 80°41'58"SE | 4.63                  | 1,212        | 539,560.782107  | 1,813,465.569100 |
| 1212 - 1213 | 42°06'03"SE | 9.49                  | 1,213        | 539,567.144892  | 1,813,458.527490 |
| 1213 - 1214 | 47°07'44"SE | 8.17                  | 1,214        | 539,573.131446  | 1,813,452.970080 |
| 1214 - 1215 | 54°26'05"SE | 8.28                  | 1,215        | 539,579.863694  | 1,813,448.156480 |
| 1215 - 1216 | 18°38'46"SE | 3.52                  | 1,216        | 539,580.990370  | 1,813,444.817540 |
| 1216 - 1217 | 40°22'48"SE | 9.24                  | 1,217        | 539,586.979643  | 1,813,437.775240 |
| 1217 - 1218 | 47°34'18"SE | 6.59                  | 1,218        | 539,591.843599  | 1,813,433.329450 |
| 1218 - 1219 | 69°11'08"SE | 5.20                  | 1,219        | 539,596.702808  | 1,813,431.482210 |
| 1219 - 1220 | 59°17'49"SE | 8.70                  | 1,220        | 539,604.181438  | 1,813,427.041200 |
| 1220 - 1221 | 26°48'42"SE | 6.65                  | 1,221        | 539,607.180492  | 1,813,421.107110 |
| 1221 - 1222 | 18°38'46"SE | 5.87                  | 1,222        | 539,609.058295  | 1,813,415.542190 |
| 1222 - 1223 | 00°06'17"SE | 5.57                  | 1,223        | 539,609.068475  | 1,813,409.973860 |
| 1223 - 1224 | 45°16'54"SE | 13.69                 | 1,224        | 539,618.797768  | 1,813,400.339830 |
| 1224 - 1225 | 51°59'12"SE | 9.02                  | 1,225        | 539,625.904925  | 1,813,394.784470 |
| 1225 - 1226 | 30°30'56"SE | 5.17                  | 1,226        | 539,628.527748  | 1,813,390.334580 |
| 1226 - 1227 | 31°13'30"SE | 10.84                 | 1,227        | 539,634.147602  | 1,813,381.064260 |
| 1227 - 1228 | 52°52'12"SE | 7.98                  | 1,228        | 539,640.506360  | 1,813,376.249980 |
| 1228 - 1229 | 44°00'31"SE | 11.85                 | 1,229        | 539,648.739542  | 1,813,367.726890 |
| 1229 - 1230 | 45°16'55"SE | 12.11                 | 1,230        | 539,657.346256  | 1,813,359.204480 |
| 1230 - 1231 | 34°51'46"SE | 13.10                 | 1,231        | 539,664.836477  | 1,813,348.452680 |
| 1231 - 1232 | 51°59'12"SE | 9.02                  | 1,232        | 539,671.943664  | 1,813,342.897320 |
| 1232 - 1233 | 43°26'02"SE | 8.17                  | 1,233        | 539,677.557429  | 1,813,336.968000 |
| 1233 - 1234 | 45°16'55"SE | 6.32                  | 1,234        | 539,682.047900  | 1,813,332.521530 |
| 1234 - 1235 | 66°16'25"SE | 7.35                  | 1,235        | 539,688.776810  | 1,813,329.564050 |
| 1235 - 1236 | 24°48'18"SW | 5.32                  | 1,236        | 539,686.544493  | 1,813,324.734040 |
| 1236 - 1237 | 08°17'05"SE | 5.25                  | 1,237        | 539,687.301065  | 1,813,319.538270 |
| 1237 - 1238 | 40°30'58"SE | 6.34                  | 1,238        | 539,691.418695  | 1,813,314.719890 |
| 1238 - 1239 | 16°35'26"SE | 6.58                  | 1,239        | 539,693.297889  | 1,813,308.412500 |
| 1239 - 1240 | 46°36'50"SE | 11.33                 | 1,240        | 539,701.529756  | 1,813,300.631850 |
| 1240 - 1241 | 66°36'19"SE | 6.52                  | 1,241        | 539,707.510945  | 1,813,298.044230 |
| 1241 - 1242 | 60°30'44"SE | 6.01                  | 1,242        | 539,712.745762  | 1,813,295.084020 |
| 1242 - 1243 | 34°57'58"SE | 5.88                  | 1,243        | 539,716.116349  | 1,813,290.264260 |
| 1243 - 1244 | 49°40'43"SE | 6.87                  | 1,244        | 539,721.353891  | 1,813,285.819160 |
| 1244 - 1245 | 40°30'58"SE | 6.34                  | 1,245        | 539,725.471535  | 1,813,281.000770 |
| 1245 - 1246 | 40°05'05"SE | 5.81                  | 1,246        | 539,729.214974  | 1,813,276.552920 |
| 1246 - 1247 | 25°53'04"SE | 10.31                 | 1,247        | 539,733.714317  | 1,813,267.280520 |
| 1247 - 1248 | 01°48'57"SW | 5.17                  | 1,248        | 539,733.550637  | 1,813,262.117820 |
| 1248 - 1249 | 44°10'30"SE | 3.50                  | 1,249        | 539,735.989329  | 1,813,259.607890 |
| 1249 - 1250 | 45°57'18"SE | 0.36                  | 1,250        | 539,736.250423  | 1,813,259.355360 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1250 - 1251 | 87°59'49"SE | 6.45                  | 1,251        | 539,742.693951  | 1,813,259.130020 |
| 1251 - 1252 | 89°53'41"NE | 5.98                  | 1,252        | 539,748.670389  | 1,813,259.140980 |
| 1252 - 1253 | 56°34'41"SE | 5.38                  | 1,253        | 539,753.158167  | 1,813,256.179400 |
| 1253 - 1254 | 11°29'00"SE | 3.79                  | 1,254        | 539,753.912032  | 1,813,252.468520 |
| 1254 - 1255 | 12°03'44"SW | 5.32                  | 1,255        | 539,752.800985  | 1,813,247.269320 |
| 1255 - 1256 | 54°44'05"SE | 6.41                  | 1,256        | 539,758.037183  | 1,813,243.566660 |
| 1256 - 1257 | 59°40'51"SE | 9.53                  | 1,257        | 539,766.263648  | 1,813,238.755810 |
| 1257 - 1258 | 66°36'20"SE | 6.52                  | 1,258        | 539,772.244862  | 1,813,236.168200 |
| 1258 - 1259 | 49°54'55"SE | 9.78                  | 1,259        | 539,779.727004  | 1,813,229.871080 |
| 1259 - 1260 | 35°35'01"SE | 10.94                 | 1,260        | 539,786.093337  | 1,813,220.973330 |
| 1260 - 1261 | 43°44'02"SE | 9.74                  | 1,261        | 539,792.829796  | 1,813,213.932390 |
| 1261 - 1262 | 45°16'56"SE | 12.64                 | 1,262        | 539,801.810838  | 1,813,205.039430 |
| 1262 - 1263 | 35°58'48"SE | 14.66                 | 1,263        | 539,810.423815  | 1,813,193.175980 |
| 1263 - 1264 | 45°16'56"SE | 8.95                  | 1,264        | 539,816.785397  | 1,813,186.876810 |
| 1264 - 1265 | 26°06'39"SE | 13.63                 | 1,265        | 539,822.784369  | 1,813,174.637320 |
| 1265 - 1266 | 47°24'10"SE | 14.23                 | 1,266        | 539,833.260921  | 1,813,165.004660 |
| 1266 - 1267 | 38°09'07"SE | 16.97                 | 1,267        | 539,843.744307  | 1,813,151.659720 |
| 1267 - 1268 | 40°18'36"SE | 12.15                 | 1,268        | 539,851.605490  | 1,813,142.393480 |
| 1268 - 1269 | 40°22'51"SE | 9.24                  | 1,269        | 539,857.594935  | 1,813,135.351150 |
| 1269 - 1270 | 36°18'05"SE | 10.12                 | 1,270        | 539,863.586433  | 1,813,127.195150 |
| 1270 - 1271 | 30°43'33"SE | 7.33                  | 1,271        | 539,867.333341  | 1,813,120.891160 |
| 1271 - 1272 | 49°40'44"SE | 13.74                 | 1,272        | 539,877.808571  | 1,813,112.000950 |
| 1272 - 1273 | 43°18'26"SE | 7.64                  | 1,273        | 539,883.048240  | 1,813,106.442160 |
| 1273 - 1274 | 25°00'56"SE | 5.32                  | 1,274        | 539,885.298303  | 1,813,101.620320 |
| 1274 - 1275 | 52°07'12"SE | 6.63                  | 1,275        | 539,890.535242  | 1,813,097.546440 |
| 1275 - 1276 | 72°51'07"SE | 6.26                  | 1,276        | 539,896.515143  | 1,813,095.701310 |
| 1276 - 1277 | 76°56'37"SE | 6.52                  | 1,277        | 539,902.867892  | 1,813,094.228090 |
| 1277 - 1278 | 23°03'58"SE | 7.66                  | 1,278        | 539,905.869123  | 1,813,087.180260 |
| 1278 - 1279 | 36°39'33"SE | 8.78                  | 1,279        | 539,911.111540  | 1,813,080.136560 |
| 1279 - 1280 | 40°05'07"SE | 8.72                  | 1,280        | 539,916.726807  | 1,813,073.464770 |
| 1280 - 1281 | 17°43'59"SE | 7.40                  | 1,281        | 539,918.980984  | 1,813,066.415570 |
| 1281 - 1282 | 11°39'15"SW | 3.58                  | 1,282        | 539,918.257156  | 1,813,062.906250 |
| 1282 - 1283 | 40°03'41"SE | 2.41                  | 1,283        | 539,919.811333  | 1,813,061.058090 |
| 1283 - 1284 | 46°16'13"SE | 78.63                 | 1,284        | 539,976.633320  | 1,813,006.701540 |
| 1284 - 1285 | 40°27'35"SE | 106.40                | 1,285        | 540,045.676525  | 1,812,925.747390 |
| 1285 - 1286 | 47°10'30"SE | 22.18                 | 1,286        | 540,061.944260  | 1,812,910.670180 |
| 1286 - 1287 | 87°44'04"SE | 6.74                  | 1,287        | 540,068.682271  | 1,812,910.403630 |
| 1287 - 1288 | 68°58'29"SE | 7.21                  | 1,288        | 540,075.410680  | 1,812,907.817450 |
| 1288 - 1289 | 15°27'04"SE | 4.23                  | 1,289        | 540,076.538832  | 1,812,903.735980 |
| 1289 - 1290 | 37°08'45"SE | 3.72                  | 1,290        | 540,078.785526  | 1,812,900.770270 |
| 1290 - 1291 | 50°59'24"SE | 5.30                  | 1,291        | 540,082.900576  | 1,812,897.436790 |
| 1291 - 1292 | 35°35'58"SW | 3.20                  | 1,292        | 540,081.037713  | 1,812,894.834720 |
| 1292 - 1293 | 24°41'01"SE | 4.49                  | 1,293        | 540,082.912935  | 1,812,890.754630 |
| 1293 - 1294 | 58°39'22"SE | 5.69                  | 1,294        | 540,087.774368  | 1,812,887.793760 |
| 1294 - 1295 | 31°13'34"SE | 4.34                  | 1,295        | 540,090.022439  | 1,812,884.085590 |
| 1295 - 1296 | 36°39'34"SE | 8.78                  | 1,296        | 540,095.264964  | 1,812,877.041870 |
| 1296 - 1297 | 47°34'23"SE | 6.59                  | 1,297        | 540,100.129150  | 1,812,872.596070 |
| 1297 - 1298 | 55°03'18"SE | 7.76                  | 1,298        | 540,106.487475  | 1,812,868.153040 |
| 1298 - 1299 | 44°03'51"SE | 12.38                 | 1,299        | 540,115.095254  | 1,812,859.259380 |
| 1299 - 1300 | 42°28'00"SE | 16.08                 | 1,300        | 540,125.949746  | 1,812,847.400010 |
| 1300 - 1301 | 25°26'38"SE | 6.98                  | 1,301        | 540,128.949709  | 1,812,841.094600 |
| 1301 - 1302 | 06°46'45"SE | 7.40                  | 1,302        | 540,129.822863  | 1,812,833.749620 |
| 1302 - 1303 | 40°47'53"SE | 1.51                  | 1,303        | 540,130.808445  | 1,812,832.607740 |
| 1303 - 1304 | 41°06'15"SE | 8.40                  | 1,304        | 540,136.330805  | 1,812,826.278310 |
| 1304 - 1305 | 80°42'04"SE | 4.66                  | 1,305        | 540,140.931698  | 1,812,825.524980 |
| 1305 - 1306 | 52°52'17"SE | 7.98                  | 1,306        | 540,147.290733  | 1,812,820.710720 |
| 1306 - 1307 | 42°47'35"SE | 6.06                  | 1,307        | 540,151.407872  | 1,812,816.263540 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1307 - 1308 | 49°40'47"SE | 6.87                  | 1,308        | 540,156.645618  | 1,812,811.818430 |
| 1308 - 1309 | 39°22'24"SE | 7.67                  | 1,309        | 540,161.512583  | 1,812,805.887710 |
| 1309 - 1310 | 45°16'59"SE | 5.79                  | 1,310        | 540,165.629040  | 1,812,801.811760 |
| 1310 - 1311 | 43°38'47"SE | 9.22                  | 1,311        | 540,171.991528  | 1,812,795.141340 |
| 1311 - 1312 | 53°24'22"SE | 7.45                  | 1,312        | 540,177.976355  | 1,812,790.697620 |
| 1312 - 1313 | 38°26'08"SE | 6.63                  | 1,313        | 540,182.094882  | 1,812,785.507970 |
| 1313 - 1314 | 51°37'08"SE | 11.93                 | 1,314        | 540,191.447043  | 1,812,778.100630 |
| 1314 - 1315 | 43°32'50"SE | 8.69                  | 1,315        | 540,197.435321  | 1,812,771.800740 |
| 1315 - 1316 | 59°47'43"SE | 7.36                  | 1,316        | 540,203.792319  | 1,812,768.100190 |
| 1316 - 1317 | 22°01'48"SE | 6.00                  | 1,317        | 540,206.043865  | 1,812,762.535840 |
| 1317 - 1318 | 01°57'55"SE | 5.90                  | 1,318        | 540,206.246256  | 1,812,756.637850 |
| 1318 - 1319 | 36°48'45"SE | 10.85                 | 1,319        | 540,212.746162  | 1,812,747.953240 |
| 1319 - 1320 | 87°55'51"NE | 3.41                  | 1,320        | 540,216.156204  | 1,812,748.076440 |
| 1320 - 1321 | 79°33'02"SE | 6.08                  | 1,321        | 540,222.134853  | 1,812,746.973830 |
| 1321 - 1322 | 45°17'00"SE | 6.32                  | 1,322        | 540,226.625558  | 1,812,742.527340 |
| 1322 - 1323 | 25°15'33"SE | 6.15                  | 1,323        | 540,229.250649  | 1,812,736.963690 |
| 1323 - 1324 | 28°00'40"SE | 7.98                  | 1,324        | 540,232.999108  | 1,812,729.917170 |
| 1324 - 1325 | 49°16'21"SE | 11.36                 | 1,325        | 540,241.604236  | 1,812,722.508440 |
| 1325 - 1326 | 41°46'43"SE | 12.92                 | 1,326        | 540,250.213508  | 1,812,712.872300 |
| 1326 - 1327 | 30°50'27"SE | 9.50                  | 1,327        | 540,255.084657  | 1,812,704.714160 |
| 1327 - 1328 | 14°39'45"SE | 6.26                  | 1,328        | 540,256.669037  | 1,812,698.658790 |
| 1328 - 1329 | 44°48'12"SE | 23.83                 | 1,329        | 540,273.459630  | 1,812,681.752580 |
| 1329 - 1330 | 41°12'42"SE | 23.16                 | 1,330        | 540,288.721144  | 1,812,664.326780 |
| 1330 - 1331 | 43°20'30"SE | 16.71                 | 1,331        | 540,300.187461  | 1,812,652.176800 |
| 1331 - 1332 | 47°58'07"SE | 4.57                  | 1,332        | 540,303.579962  | 1,812,649.118840 |
| 1332 - 1333 | 89°53'36"NE | 5.77                  | 1,333        | 540,309.351102  | 1,812,649.129570 |
| 1333 - 1334 | 59°17'55"SE | 6.52                  | 1,334        | 540,314.960388  | 1,812,645.798870 |
| 1334 - 1335 | 47°07'51"SE | 8.17                  | 1,335        | 540,320.947357  | 1,812,640.241450 |
| 1335 - 1336 | 52°02'41"SE | 15.66                 | 1,336        | 540,333.292080  | 1,812,630.612260 |
| 1336 - 1337 | 30°00'15"SE | 8.99                  | 1,337        | 540,337.789050  | 1,812,622.824650 |
| 1337 - 1338 | 33°57'37"SE | 10.73                 | 1,338        | 540,343.782250  | 1,812,613.926110 |
| 1338 - 1339 | 36°06'45"SE | 8.26                  | 1,339        | 540,348.650692  | 1,812,607.252890 |
| 1339 - 1340 | 48°08'43"SE | 10.55                 | 1,340        | 540,356.508141  | 1,812,600.214010 |
| 1340 - 1341 | 48°38'56"SE | 8.97                  | 1,341        | 540,363.242903  | 1,812,594.286750 |
| 1341 - 1342 | 46°52'28"SE | 18.97                 | 1,342        | 540,377.088052  | 1,812,581.319210 |
| 1342 - 1343 | 53°05'32"SE | 13.57                 | 1,343        | 540,387.935909  | 1,812,573.172180 |
| 1343 - 1344 | 36°39'37"SE | 8.78                  | 1,344        | 540,393.178605  | 1,812,566.128420 |
| 1344 - 1345 | 40°52'59"SE | 10.29                 | 1,345        | 540,399.916848  | 1,812,558.344980 |
| 1345 - 1346 | 16°08'45"SE | 5.41                  | 1,346        | 540,401.420694  | 1,812,553.150440 |
| 1346 - 1347 | 50°02'42"SE | 6.34                  | 1,347        | 540,406.284323  | 1,812,549.075890 |
| 1347 - 1348 | 49°40'49"SE | 6.87                  | 1,348        | 540,411.522186  | 1,812,544.630790 |
| 1348 - 1349 | 58°15'37"SE | 7.04                  | 1,349        | 540,417.505748  | 1,812,540.929560 |
| 1349 - 1350 | 82°01'34"SE | 2.64                  | 1,350        | 540,420.121220  | 1,812,540.563200 |
| 1350 - 1351 | 42°16'13"SE | 10.02                 | 1,351        | 540,426.858787  | 1,812,533.150990 |
| 1351 - 1352 | 05°51'09"SE | 7.57                  | 1,352        | 540,427.630562  | 1,812,525.621810 |
| 1352 - 1353 | 46°09'06"SE | 0.47                  | 1,353        | 540,427.969545  | 1,812,525.296190 |
| 1353 - 1354 | 74°56'29"SE | 5.44                  | 1,354        | 540,433.226282  | 1,812,523.881890 |
| 1354 - 1355 | 58°15'37"SE | 7.04                  | 1,355        | 540,439.209852  | 1,812,520.180660 |
| 1355 - 1356 | 53°24'24"SE | 11.18                 | 1,356        | 540,448.187290  | 1,812,513.515110 |
| 1356 - 1357 | 37°58'21"SE | 10.35                 | 1,357        | 540,454.552721  | 1,812,505.359720 |
| 1357 - 1358 | 65°13'32"SE | 6.18                  | 1,358        | 540,460.160681  | 1,812,502.771520 |
| 1358 - 1359 | 34°33'32"SE | 9.90                  | 1,359        | 540,465.779037  | 1,812,494.614740 |
| 1359 - 1360 | 05°51'09"SE | 7.09                  | 1,360        | 540,466.501932  | 1,812,487.562540 |
| 1360 - 1361 | 89°53'35"NE | 2.65                  | 1,361        | 540,469.154073  | 1,812,487.567490 |
| 1361 - 1362 | 80°18'02"SE | 8.72                  | 1,362        | 540,477.748288  | 1,812,486.098570 |
| 1362 - 1363 | 69°22'12"SE | 8.39                  | 1,363        | 540,485.598195  | 1,812,483.143320 |
| 1363 - 1364 | 45°17'02"SE | 19.49                 | 1,364        | 540,499.444876  | 1,812,469.433310 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1364 - 1365 | 45°17'03"SE | 12.11                 | 1,365        | 540,508.052281  | 1,812,460.910870 |
| 1365 - 1366 | 28°52'00"SE | 9.32                  | 1,366        | 540,512.550041  | 1,812,452.752000 |
| 1366 - 1367 | 30°19'46"SE | 8.16                  | 1,367        | 540,516.672182  | 1,812,445.706140 |
| 1367 - 1368 | 48°00'34"SE | 11.08                 | 1,368        | 540,524.903979  | 1,812,438.296720 |
| 1368 - 1369 | 49°51'20"SE | 13.21                 | 1,369        | 540,535.005574  | 1,812,429.777070 |
| 1369 - 1370 | 47°18'18"SE | 22.40                 | 1,370        | 540,551.469894  | 1,812,414.586990 |
| 1370 - 1371 | 46°11'37"SE | 16.59                 | 1,371        | 540,563.444780  | 1,812,403.100930 |
| 1371 - 1372 | 51°54'43"SE | 11.41                 | 1,372        | 540,572.422999  | 1,812,396.064150 |
| 1372 - 1373 | 70°33'55"SE | 5.55                  | 1,373        | 540,577.656070  | 1,812,394.217740 |
| 1373 - 1374 | 00°06'26"SE | 4.08                  | 1,374        | 540,577.663714  | 1,812,390.134100 |
| 1374 - 1375 | 35°03'04"SW | 4.54                  | 1,375        | 540,575.055863  | 1,812,386.416800 |
| 1375 - 1376 | 36°31'48"SE | 6.92                  | 1,376        | 540,579.175257  | 1,812,380.855890 |
| 1376 - 1377 | 43°09'46"SE | 21.34                 | 1,377        | 540,593.772624  | 1,812,365.291080 |
| 1377 - 1378 | 38°26'12"SE | 13.25                 | 1,378        | 540,602.010041  | 1,812,354.911730 |
| 1378 - 1379 | 23°18'20"SE | 12.91                 | 1,379        | 540,607.116055  | 1,812,343.058960 |
| 1379 - 1380 | 45°04'43"SE | 37.31                 | 1,380        | 540,633.533809  | 1,812,316.713730 |
| 1380 - 1381 | 40°45'11"SE | 39.33                 | 1,381        | 540,659.208737  | 1,812,286.919750 |
| 1381 - 1382 | 43°02'03"SE | 22.59                 | 1,382        | 540,674.621569  | 1,812,270.411310 |
| 1382 - 1383 | 57°36'26"SE | 13.68                 | 1,383        | 540,686.170970  | 1,812,263.083930 |
| 1383 - 1384 | 29°44'07"SE | 12.61                 | 1,384        | 540,692.424693  | 1,812,252.135730 |
| 1384 - 1385 | 45°53'00"SE | 16.92                 | 1,385        | 540,704.571873  | 1,812,240.357470 |
| 1385 - 1386 | 74°56'31"SE | 6.97                  | 1,386        | 540,711.303587  | 1,812,238.546430 |
| 1386 - 1387 | 50°28'34"SE | 8.73                  | 1,387        | 540,718.037862  | 1,812,232.990420 |
| 1387 - 1388 | 43°44'10"SE | 9.74                  | 1,388        | 540,724.774929  | 1,812,225.949430 |
| 1388 - 1389 | 56°06'44"SE | 12.62                 | 1,389        | 540,735.247457  | 1,812,218.915470 |
| 1389 - 1390 | 42°39'27"SE | 28.72                 | 1,390        | 540,754.711610  | 1,812,197.791110 |
| 1390 - 1391 | 27°36'08"SE | 12.14                 | 1,391        | 540,760.335041  | 1,812,187.035590 |
| 1391 - 1392 | 46°33'27"SE | 11.85                 | 1,392        | 540,768.941963  | 1,812,178.884390 |
| 1392 - 1393 | 35°58'56"SE | 14.66                 | 1,393        | 540,777.555873  | 1,812,167.020740 |
| 1393 - 1394 | 23°31'14"SW | 4.31                  | 1,394        | 540,775.834514  | 1,812,163.065790 |
| 1394 - 1395 | 48°28'22"SE | 4.28                  | 1,395        | 540,779.042428  | 1,812,160.224960 |
| 1395 - 1396 | 87°06'48"SE | 11.99                 | 1,396        | 540,791.017519  | 1,812,159.621160 |
| 1396 - 1397 | 33°30'07"SE | 12.90                 | 1,397        | 540,798.135166  | 1,812,148.868440 |
| 1397 - 1398 | 43°44'11"SE | 19.49                 | 1,398        | 540,811.609409  | 1,812,134.786470 |
| 1398 - 1399 | 48°45'06"SE | 17.42                 | 1,399        | 540,824.705229  | 1,812,123.302500 |
| 1399 - 1400 | 42°59'38"SE | 13.17                 | 1,400        | 540,833.688544  | 1,812,113.667020 |
| 1400 - 1401 | 18°38'57"SE | 9.40                  | 1,401        | 540,836.693706  | 1,812,104.762770 |
| 1401 - 1402 | 44°06'56"SE | 12.90                 | 1,402        | 540,845.676334  | 1,812,095.498540 |
| 1402 - 1403 | 49°31'10"SE | 14.27                 | 1,403        | 540,856.526711  | 1,812,086.237820 |
| 1403 - 1404 | 40°53'03"SE | 17.16                 | 1,404        | 540,867.757642  | 1,812,073.265350 |
| 1404 - 1405 | 44°38'29"SE | 23.44                 | 1,405        | 540,884.225265  | 1,812,056.590290 |
| 1405 - 1406 | 45°17'06"SE | 25.81                 | 1,406        | 540,902.563459  | 1,812,038.433760 |
| 1406 - 1407 | 31°38'19"SE | 10.32                 | 1,407        | 540,907.977662  | 1,812,029.646440 |
| 1407 - 1408 | 88°36'35"SE | 6.48                  | 1,408        | 540,914.451487  | 1,812,029.489350 |
| 1408 - 1409 | 48°27'50"SE | 64.53                 | 1,409        | 540,962.755245  | 1,811,986.699660 |
| 1409 - 1410 | 21°40'36"SE | 30.38                 | 1,410        | 540,973.976025  | 1,811,958.469880 |
| 1410 - 1411 | 47°00'12"SE | 71.61                 | 1,411        | 541,026.352397  | 1,811,909.634100 |
| 1411 - 1412 | 39°46'03"SE | 73.38                 | 1,412        | 541,073.292942  | 1,811,853.229400 |
| 1412 - 1413 | 56°34'54"SE | 19.67                 | 1,413        | 541,089.710044  | 1,811,842.396830 |
| 1413 - 1414 | 43°09'51"SE | 28.45                 | 1,414        | 541,109.174175  | 1,811,821.643660 |
| 1414 - 1415 | 48°46'03"SE | 30.35                 | 1,415        | 541,131.998912  | 1,811,801.639370 |
| 1415 - 1416 | 59°11'36"SE | 33.96                 | 1,416        | 541,161.169167  | 1,811,784.245890 |
| 1416 - 1417 | 51°46'50"SE | 41.90                 | 1,417        | 541,194.091225  | 1,811,758.320770 |
| 1417 - 1418 | 39°16'23"SE | 10.06                 | 1,418        | 541,200.456451  | 1,811,750.536560 |
| 1418 - 1419 | 43°57'13"SE | 11.32                 | 1,419        | 541,208.316603  | 1,811,742.383940 |
| 1419 - 1420 | 14°54'39"SW | 11.53                 | 1,420        | 541,205.349332  | 1,811,731.240720 |
| 1420 - 1421 | 38°26'18"SE | 13.25                 | 1,421        | 541,213.587281  | 1,811,720.861300 |



| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1421 - 1422 | 51°29'06"SE | 24.39                 | 1,422        | 541,232.667497  | 1,811,705.676200 |
| 1422 - 1423 | 16°45'46"SE | 14.34                 | 1,423        | 541,236.802717  | 1,811,691.947690 |
| 1423 - 1424 | 28°09'10"SE | 14.30                 | 1,424        | 541,243.550711  | 1,811,679.337900 |
| 1424 - 1425 | 74°00'51"SE | 12.05                 | 1,425        | 541,255.137278  | 1,811,676.018660 |
| 1425 - 1426 | 56°21'51"NE | 4.03                  | 1,426        | 541,258.495037  | 1,811,678.252570 |
| 1426 - 1427 | 86°56'55"SE | 6.73                  | 1,427        | 541,265.219737  | 1,811,677.894110 |
| 1427 - 1428 | 72°58'03"SE | 11.34                 | 1,428        | 541,276.059197  | 1,811,674.573450 |
| 1428 - 1429 | 56°34'56"SE | 12.10                 | 1,429        | 541,286.157910  | 1,811,667.910110 |
| 1429 - 1430 | 14°49'00"SE | 8.83                  | 1,430        | 541,288.415499  | 1,811,659.375570 |
| 1430 - 1431 | 48°17'52"SE | 15.04                 | 1,431        | 541,299.641253  | 1,811,649.373080 |
| 1431 - 1432 | 41°15'22"SE | 18.73                 | 1,432        | 541,311.995464  | 1,811,635.288950 |
| 1432 - 1433 | 58°56'15"SE | 20.08                 | 1,433        | 541,329.198847  | 1,811,624.926600 |
| 1433 - 1434 | 56°34'56"SE | 12.10                 | 1,434        | 541,339.297600  | 1,811,618.263260 |
| 1434 - 1435 | 44°25'52"SE | 17.64                 | 1,435        | 541,351.649023  | 1,811,605.664150 |
| 1435 - 1436 | 48°24'26"SE | 14.51                 | 1,436        | 541,362.500570  | 1,811,596.032210 |
| 1436 - 1437 | 49°40'58"SE | 13.74                 | 1,437        | 541,372.977153  | 1,811,587.142070 |
| 1437 - 1438 | 29°48'01"SE | 25.64                 | 1,438        | 541,385.720589  | 1,811,564.891060 |
| 1438 - 1439 | 04°13'12"SE | 10.42                 | 1,439        | 541,386.487540  | 1,811,554.497370 |
| 1439 - 1440 | 71°46'49"SE | 9.44                  | 1,440        | 541,395.458585  | 1,811,551.544440 |
| 1440 - 1441 | 44°37'40"SE | 22.91                 | 1,441        | 541,411.552744  | 1,811,535.239900 |
| 1441 - 1442 | 26°48'59"SE | 16.62                 | 1,442        | 541,419.052257  | 1,811,520.403970 |
| 1442 - 1443 | 15°43'30"SE | 13.88                 | 1,443        | 541,422.813361  | 1,811,507.045920 |
| 1443 - 1444 | 20°01'17"SE | 9.87                  | 1,444        | 541,426.193112  | 1,811,497.770960 |
| 1444 - 1445 | 35°29'38"SE | 7.74                  | 1,445        | 541,430.687868  | 1,811,491.468180 |
| 1445 - 1446 | 48°34'11"NE | 12.93                 | 1,446        | 541,440.384074  | 1,811,500.025610 |
| 1446 - 1447 | 17°31'05"NE | 7.40                  | 1,447        | 541,442.611946  | 1,811,507.083740 |
| 1447 - 1448 | 85°22'30"SE | 9.00                  | 1,448        | 541,451.578763  | 1,811,506.358360 |
| 1448 - 1449 | 23°04'12"SE | 7.66                  | 1,449        | 541,454.580710  | 1,811,499.310220 |
| 1449 - 1450 | 12°26'52"SE | 8.74                  | 1,450        | 541,456.464823  | 1,811,490.774920 |
| 1450 - 1451 | 55°03'31"SE | 7.76                  | 1,451        | 541,462.823833  | 1,811,486.331990 |
| 1451 - 1452 | 42°51'59"SE | 18.71                 | 1,452        | 541,475.551092  | 1,811,472.619810 |
| 1452 - 1453 | 21°50'45"SE | 21.18                 | 1,453        | 541,483.433459  | 1,811,452.958250 |
| 1453 - 1454 | 39°57'05"SE | 19.82                 | 1,454        | 541,496.163591  | 1,811,437.761040 |
| 1454 - 1455 | 59°04'57"NE | 10.87                 | 1,455        | 541,505.491921  | 1,811,443.347750 |
| 1455 - 1456 | 43°09'54"SE | 7.11                  | 1,456        | 541,510.358139  | 1,811,438.159450 |
| 1456 - 1457 | 38°56'32"SE | 7.15                  | 1,457        | 541,514.851511  | 1,811,432.599190 |
| 1457 - 1458 | 19°39'23"SW | 5.52                  | 1,458        | 541,512.993661  | 1,811,427.398020 |
| 1458 - 1459 | 52°39'20"SW | 7.98                  | 1,459        | 541,506.652383  | 1,811,422.559530 |
| 1459 - 1460 | 42°33'34"SE | 5.53                  | 1,460        | 541,510.395795  | 1,811,418.482850 |
| 1460 - 1461 | 81°04'28"SE | 9.46                  | 1,461        | 541,519.737632  | 1,811,417.015700 |
| 1461 - 1462 | 08°55'03"SW | 7.14                  | 1,462        | 541,518.630454  | 1,811,409.959680 |
| 1462 - 1463 | 09°37'46"SE | 6.78                  | 1,463        | 541,519.763926  | 1,811,403.279200 |
| 1463 - 1464 | 58°50'15"SE | 7.87                  | 1,464        | 541,526.495825  | 1,811,399.208240 |
| 1464 - 1465 | 72°33'42"SE | 8.62                  | 1,465        | 541,534.719123  | 1,811,396.625180 |
| 1465 - 1466 | 37°27'54"SE | 13.54                 | 1,466        | 541,542.958066  | 1,811,385.874460 |
| 1466 - 1467 | 58°56'17"SE | 10.04                 | 1,467        | 541,551.559911  | 1,811,380.693310 |
| 1467 - 1468 | 47°56'56"SE | 22.68                 | 1,468        | 541,568.399300  | 1,811,365.503960 |
| 1468 - 1469 | 51°59'30"SE | 9.02                  | 1,469        | 541,575.507627  | 1,811,359.948690 |
| 1469 - 1470 | 34°47'02"SE | 7.22                  | 1,470        | 541,579.628182  | 1,811,354.016450 |
| 1470 - 1471 | 44°07'03"SE | 12.90                 | 1,471        | 541,588.611439  | 1,811,344.752180 |
| 1471 - 1472 | 73°47'43"NE | 12.05                 | 1,472        | 541,600.185424  | 1,811,348.115710 |
| 1472 - 1473 | 60°54'11"SE | 6.85                  | 1,473        | 541,606.168809  | 1,811,344.785850 |
| 1473 - 1474 | 34°29'25"SE | 11.25                 | 1,474        | 541,612.537152  | 1,811,335.516580 |
| 1474 - 1475 | 02°36'53"SE | 8.55                  | 1,475        | 541,612.927095  | 1,811,326.978360 |
| 1475 - 1476 | 07°16'43"SE | 11.97                 | 1,476        | 541,614.444131  | 1,811,315.100960 |
| 1476 - 1477 | 51°37'22"SE | 11.93                 | 1,477        | 541,623.797419  | 1,811,307.693700 |
| 1477 - 1478 | 43°13'00"SE | 21.87                 | 1,478        | 541,638.770531  | 1,811,291.758250 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1478 - 1479 | 45°17'13"SE | 8.95                  | 1,479        | 541,645.133202  | 1,811,285.459040 |
| 1479 - 1480 | 74°51'00"SE | 19.75                 | 1,480        | 541,664.194852  | 1,811,280.297990 |
| 1480 - 1481 | 58°34'00"SE | 14.90                 | 1,481        | 541,676.910946  | 1,811,272.525950 |
| 1481 - 1482 | 16°42'40"SE | 5.41                  | 1,482        | 541,678.467481  | 1,811,267.341430 |
| 1482 - 1483 | 78°30'14"SE | 10.58                 | 1,483        | 541,688.839120  | 1,811,265.232060 |
| 1483 - 1484 | 67°24'10"SE | 65.35                 | 1,484        | 541,749.168277  | 1,811,240.123150 |
| 1484 - 1485 | 34°02'22"SW | 4.08                  | 1,485        | 541,746.882283  | 1,811,236.739060 |
| 1485 - 1486 | 82°43'27"SE | 0.71                  | 1,486        | 541,747.583536  | 1,811,236.649530 |
| 1486 - 1487 | 36°06'58"SE | 8.26                  | 1,487        | 541,752.452717  | 1,811,229.976200 |
| 1487 - 1488 | 03°29'51"SE | 12.64                 | 1,488        | 541,753.224138  | 1,811,217.354790 |
| 1488 - 1489 | 19°27'05"SE | 16.92                 | 1,489        | 541,758.858319  | 1,811,201.401380 |
| 1489 - 1490 | 26°21'52"SE | 21.11                 | 1,490        | 541,768.233864  | 1,811,182.485060 |
| 1490 - 1491 | 35°24'41"SE | 12.28                 | 1,491        | 541,775.350882  | 1,811,172.474680 |
| 1491 - 1492 | 39°16'29"SE | 10.06                 | 1,492        | 541,781.716487  | 1,811,164.690430 |
| 1492 - 1493 | 66°16'44"SE | 14.70                 | 1,493        | 541,795.176244  | 1,811,158.776160 |
| 1493 - 1494 | 67°02'23"SE | 14.21                 | 1,494        | 541,808.261729  | 1,811,153.232430 |
| 1494 - 1495 | 39°34'24"SE | 10.58                 | 1,495        | 541,815.001632  | 1,811,145.077640 |
| 1495 - 1496 | 00°06'37"SE | 9.65                  | 1,496        | 541,815.020237  | 1,811,135.424840 |
| 1496 - 1497 | 03°24'04"SE | 13.02                 | 1,497        | 541,815.792413  | 1,811,122.432120 |
| 1497 - 1498 | 25°15'48"SE | 6.15                  | 1,498        | 541,818.418102  | 1,811,116.868230 |
| 1498 - 1499 | 29°48'05"SE | 12.82                 | 1,499        | 541,824.790181  | 1,811,105.742610 |
| 1499 - 1500 | 39°12'40"SE | 12.44                 | 1,500        | 541,832.653665  | 1,811,096.104920 |
| 1500 - 1501 | 12°03'25"SW | 10.63                 | 1,501        | 541,830.432316  | 1,811,085.705250 |
| 1501 - 1502 | 42°59'47"SE | 13.17                 | 1,502        | 541,839.416506  | 1,811,076.069710 |
| 1502 - 1503 | 54°29'22"SE | 19.76                 | 1,503        | 541,855.502039  | 1,811,064.591550 |
| 1503 - 1504 | 25°39'21"SE | 8.93                  | 1,504        | 541,859.370551  | 1,811,056.537500 |
| 1504 - 1505 | 57°45'12"SE | 59.01                 | 1,505        | 541,909.277421  | 1,811,025.052810 |
| 1505 - 1506 | 47°57'45"SE | 153.37                | 1,506        | 542,023.186316  | 1,810,922.354060 |
| 1506 - 1507 | 68°49'05"SE | 111.14                | 1,507        | 542,126.822097  | 1,810,882.194460 |
| 1507 - 1508 | 46°27'26"SE | 70.16                 | 1,508        | 542,177.679782  | 1,810,833.860490 |
| 1508 - 1509 | 17°30'58"SW | 40.23                 | 1,509        | 542,165.571015  | 1,810,795.494260 |
| 1509 - 1510 | 64°47'07"SE | 141.53                | 1,510        | 542,293.613653  | 1,810,735.202220 |
| 1510 - 1511 | 36°48'36"SE | 67.96                 | 1,511        | 542,334.331065  | 1,810,680.794360 |
| 1511 - 1512 | 20°12'32"SE | 70.91                 | 1,512        | 542,358.827787  | 1,810,614.246440 |
| 1512 - 1513 | 43°57'24"SE | 184.68                | 1,513        | 542,487.014277  | 1,810,481.304960 |
| 1513 - 1514 | 45°17'21"SE | 65.85                 | 1,514        | 542,533.808579  | 1,810,434.981010 |
| 1514 - 1515 | 70°58'22"SE | 135.41                | 1,515        | 542,661.822662  | 1,810,390.834630 |
| 1515 - 1516 | 63°32'10"SE | 12.63                 | 1,516        | 542,673.126127  | 1,810,385.207890 |
| 1516 - 1517 | 27°21'53"SE | 44.41                 | 1,517        | 542,693.539099  | 1,810,345.767890 |
| 1517 - 1518 | 37°09'10"SE | 89.31                 | 1,518        | 542,747.474827  | 1,810,274.588790 |
| 1518 - 1519 | 50°46'44"SE | 110.12                | 1,519        | 542,832.788797  | 1,810,204.956590 |
| 1519 - 1520 | 42°10'02"SE | 116.01                | 1,520        | 542,910.663962  | 1,810,118.973450 |
| 1520 - 1521 | 37°55'56"SE | 65.80                 | 1,521        | 542,951.113739  | 1,810,067.074090 |
| 1521 - 1522 | 46°02'04"SE | 81.13                 | 1,522        | 543,009.504593  | 1,810,010.754820 |
| 1522 - 1523 | 51°51'17"SE | 175.08                | 1,523        | 543,147.199202  | 1,809,902.613260 |
| 1523 - 1524 | 46°19'57"SE | 173.86                | 1,524        | 543,272.964043  | 1,809,782.567060 |
| 1524 - 1525 | 56°35'15"SE | 64.53                 | 1,525        | 543,326.831933  | 1,809,747.030950 |
| 1525 - 1526 | 88°55'41"SE | 23.16                 | 1,526        | 543,349.985412  | 1,809,746.597820 |
| 1526 - 1527 | 46°00'18"SE | 14.13                 | 1,527        | 543,360.152599  | 1,809,736.781290 |
| 1527 - 1528 | 16°54'41"SE | 45.07                 | 1,528        | 543,373.263805  | 1,809,693.658240 |
| 1528 - 1529 | 50°55'07"SE | 75.20                 | 1,529        | 543,431.638938  | 1,809,646.249990 |
| 1529 - 1530 | 65°23'45"SW | 39.41                 | 1,530        | 543,395.806850  | 1,809,629.841630 |
| 1530 - 1531 | 30°00'44"SE | 35.98                 | 1,531        | 543,413.801590  | 1,809,598.689290 |
| 1531 - 1532 | 67°10'41"NE | 30.78                 | 1,532        | 543,442.170799  | 1,809,610.627300 |
| 1532 - 1533 | 85°34'07"SE | 37.48                 | 1,533        | 543,479.535912  | 1,809,607.731770 |
| 1533 - 1534 | 82°40'34"NE | 37.49                 | 1,534        | 543,516.717161  | 1,809,612.510480 |
| 1534 - 1535 | 59°18'25"SE | 4.57                  | 1,535        | 543,520.646964  | 1,809,610.177790 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1535 - 1536 | 68°34'13"SE | 51.51                 | 1,536        | 543,568.591464  | 1,809,591.359870 |
| 1536 - 1537 | 26°49'19"SE | 44.65                 | 1,537        | 543,588.737985  | 1,809,551.514610 |
| 1537 - 1538 | 30°55'16"SE | 46.69                 | 1,538        | 543,612.728457  | 1,809,511.463360 |
| 1538 - 1539 | 45°17'32"SE | 54.78                 | 1,539        | 543,651.659795  | 1,809,472.927250 |
| 1539 - 1540 | 41°55'29"SE | 53.80                 | 1,540        | 543,687.605500  | 1,809,432.899970 |
| 1540 - 1541 | 27°36'36"SE | 48.55                 | 1,541        | 543,710.107879  | 1,809,389.875260 |
| 1541 - 1542 | 64°36'44"SE | 41.39                 | 1,542        | 543,747.503337  | 1,809,372.128470 |
| 1542 - 1543 | 87°20'23"SE | 61.34                 | 1,543        | 543,808.779053  | 1,809,369.281640 |
| 1543 - 1544 | 73°30'49"SE | 31.19                 | 1,544        | 543,838.684717  | 1,809,360.430940 |
| 1544 - 1545 | 53°48'56"SE | 42.65                 | 1,545        | 543,873.106566  | 1,809,335.252450 |
| 1545 - 1546 | 22°51'42"SE | 38.65                 | 1,546        | 543,888.122460  | 1,809,299.638500 |
| 1546 - 1547 | 14°14'08"SE | 42.88                 | 1,547        | 543,898.667237  | 1,809,258.074730 |
| 1547 - 1548 | 08°15'38"SW | 61.55                 | 1,548        | 543,889.823942  | 1,809,197.164280 |
| 1548 - 1549 | 15°16'24"SE | 40.01                 | 1,549        | 543,900.362763  | 1,809,158.570690 |
| 1549 - 1550 | 38°09'45"SE | 50.92                 | 1,550        | 543,931.826240  | 1,809,118.534150 |
| 1550 - 1551 | 61°27'16"SE | 68.12                 | 1,551        | 543,991.668468  | 1,809,085.981010 |
| 1551 - 1552 | 74°15'50"SE | 54.37                 | 1,552        | 544,044.002711  | 1,809,071.235120 |
| 1552 - 1553 | 81°48'11"NE | 73.96                 | 1,553        | 544,117.207425  | 1,809,081.780050 |
| 1553 - 1554 | 81°07'48"NE | 24.39                 | 1,554        | 544,141.303159  | 1,809,085.540360 |
| 1554 - 1555 | 61°20'23"SE | 54.18                 | 1,555        | 544,188.843243  | 1,809,059.555850 |
| 1555 - 1556 | 29°04'38"SE | 46.13                 | 1,556        | 544,211.263282  | 1,809,019.237380 |
| 1556 - 1557 | 79°11'10"SE | 51.20                 | 1,557        | 544,261.551083  | 1,809,009.631850 |
| 1557 - 1558 | 23°27'29"SE | 106.24                | 1,558        | 544,303.844485  | 1,808,912.169500 |
| 1558 - 1559 | 07°18'07"SW | 30.77                 | 1,559        | 544,299.933645  | 1,808,881.649670 |
| 1559 - 1560 | 00°07'00"SE | 81.69                 | 1,560        | 544,300.100226  | 1,808,799.963360 |
| 1560 - 1561 | 40°53'36"SE | 54.92                 | 1,561        | 544,336.051267  | 1,808,758.450660 |
| 1561 - 1562 | 39°51'02"SE | 44.42                 | 1,562        | 544,364.515133  | 1,808,724.348740 |
| 1562 - 1563 | 10°50'04"SW | 39.33                 | 1,563        | 544,357.121831  | 1,808,685.717890 |
| 1563 - 1564 | 58°16'14"SE | 14.07                 | 1,564        | 544,369.092450  | 1,808,678.316230 |
| 1564 - 1565 | 26°35'24"NE | 19.95                 | 1,565        | 544,378.022638  | 1,808,696.157130 |
| 1565 - 1566 | 56°35'25"SE | 26.89                 | 1,566        | 544,400.469457  | 1,808,681.350770 |
| 1566 - 1567 | 67°02'47"SE | 45.48                 | 1,567        | 544,442.350014  | 1,808,663.613730 |
| 1567 - 1568 | 77°56'35"NE | 33.70                 | 1,568        | 544,475.305186  | 1,808,670.652740 |
| 1568 - 1569 | 64°37'58"SE | 9.67                  | 1,569        | 544,484.041162  | 1,808,666.510730 |
| 1569 - 1570 | 69°06'41"SE | 95.71                 | 1,570        | 544,573.464727  | 1,808,632.383910 |
| 1570 - 1571 | 72°17'26"SE | 27.88                 | 1,571        | 544,600.021252  | 1,808,623.903900 |
| 1571 - 1572 | 47°21'51"SE | 43.86                 | 1,572        | 544,632.286470  | 1,808,594.197440 |
| 1572 - 1573 | 24°28'42"SE | 32.61                 | 1,573        | 544,645.797455  | 1,808,564.520600 |
| 1573 - 1574 | 14°37'27"SE | 53.69                 | 1,574        | 544,659.354268  | 1,808,512.565310 |
| 1574 - 1575 | 36°11'45"SE | 53.29                 | 1,575        | 544,690.826186  | 1,808,469.558170 |
| 1575 - 1576 | 40°05'52"SE | 46.52                 | 1,576        | 544,720.788494  | 1,808,433.974090 |
| 1576 - 1577 | 67°31'46"SE | 22.32                 | 1,577        | 544,741.410615  | 1,808,425.444590 |
| 1577 - 1578 | 65°20'00"SE | 51.24                 | 1,578        | 544,787.975141  | 1,808,404.060130 |
| 1578 - 1579 | 37°51'27"SE | 182.48                | 1,579        | 544,899.966174  | 1,808,259.982100 |
| 1579 - 1580 | 66°05'45"SE | 92.37                 | 1,580        | 544,984.413453  | 1,808,222.553320 |
| 1580 - 1581 | 17°15'35"SE | 116.37                | 1,581        | 545,018.940340  | 1,808,111.426240 |
| 1581 - 1582 | 51°45'49"SE | 124.82                | 1,582        | 545,116.983512  | 1,808,034.173640 |
| 1582 - 1583 | 59°34'28"SE | 75.46                 | 1,583        | 545,182.049294  | 1,807,995.961090 |
| 1583 - 1584 | 34°37'26"SE | 56.82                 | 1,584        | 545,214.332515  | 1,807,949.206050 |
| 1584 - 1585 | 26°53'14"SE | 47.94                 | 1,585        | 545,236.013408  | 1,807,906.447470 |
| 1585 - 1586 | 77°11'24"SE | 6.35                  | 1,586        | 545,242.210149  | 1,807,905.038480 |
| 1586 - 1587 | 01°28'31"SE | 21.02                 | 1,587        | 545,242.751461  | 1,807,884.023350 |
| 1587 - 1588 | 76°43'08"NE | 13.05                 | 1,588        | 545,255.448427  | 1,807,887.020340 |
| 1588 - 1589 | 60°31'36"SE | 12.03                 | 1,589        | 545,265.922216  | 1,807,881.101030 |
| 1589 - 1590 | 26°49'35"SE | 13.30                 | 1,590        | 545,271.924919  | 1,807,869.231300 |
| 1590 - 1591 | 27°54'40"SE | 17.63                 | 1,591        | 545,280.177099  | 1,807,853.653060 |
| 1591 - 1592 | 15°40'54"SW | 24.70                 | 1,592        | 545,273.501390  | 1,807,829.874650 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1592 - 1593 | 42°26'00"SE | 21.09                 | 1,593        | 545,287.731558  | 1,807,814.308830 |
| 1593 - 1594 | 66°51'46"SE | 30.09                 | 1,594        | 545,315.404453  | 1,807,802.484240 |
| 1594 - 1595 | 67°29'06"NE | 33.14                 | 1,595        | 545,346.015244  | 1,807,815.172990 |
| 1595 - 1596 | 20°33'11"NE | 19.05                 | 1,596        | 545,352.703275  | 1,807,833.010330 |
| 1596 - 1597 | 73°42'54"NE | 18.67                 | 1,597        | 545,370.626328  | 1,807,838.246220 |
| 1597 - 1598 | 83°49'05"SE | 6.77                  | 1,598        | 545,377.353091  | 1,807,837.517620 |
| 1598 - 1599 | 62°02'50"NE | 11.30                 | 1,599        | 545,387.335104  | 1,807,842.814550 |
| 1599 - 1600 | 46°31'30"SE | 5.73                  | 1,600        | 545,391.490443  | 1,807,838.874760 |
| 1600 - 1601 | 33°00'17"SE | 0.12                  | 1,601        | 545,391.557695  | 1,807,838.771220 |
| 1601 - 1602 | 11°02'30"SE | 31.50                 | 1,602        | 545,397.590771  | 1,807,807.854230 |
| 1602 - 1603 | 45°17'48"SE | 20.02                 | 1,603        | 545,411.817941  | 1,807,793.773750 |
| 1603 - 1604 | 20°27'35"SE | 15.05                 | 1,604        | 545,417.078154  | 1,807,779.674530 |
| 1604 - 1605 | 06°15'34"SW | 13.45                 | 1,605        | 545,415.611588  | 1,807,766.303890 |
| 1605 - 1606 | 32°02'16"SE | 18.37                 | 1,606        | 545,425.358407  | 1,807,750.728740 |
| 1606 - 1607 | 08°17'58"SE | 26.26                 | 1,607        | 545,429.148973  | 1,807,724.744120 |
| 1607 - 1608 | 37°41'46"SE | 15.93                 | 1,608        | 545,438.889610  | 1,807,712.139520 |
| 1608 - 1609 | 47°25'03"SE | 14.24                 | 1,609        | 545,449.371299  | 1,807,702.507040 |
| 1609 - 1610 | 11°29'53"SE | 22.73                 | 1,610        | 545,453.901388  | 1,807,680.237140 |
| 1610 - 1611 | 00°07'11"SE | 16.34                 | 1,611        | 545,453.935550  | 1,807,663.898990 |
| 1611 - 1612 | 06°52'15"SE | 12.71                 | 1,612        | 545,455.456453  | 1,807,651.277170 |
| 1612 - 1613 | 49°06'34"SE | 7.92                  | 1,613        | 545,461.445343  | 1,807,646.091160 |
| 1613 - 1614 | 86°49'56"NE | 15.83                 | 1,614        | 545,477.248422  | 1,807,646.965700 |
| 1614 - 1615 | 19°26'34"SE | 24.50                 | 1,615        | 545,485.404040  | 1,807,623.861850 |
| 1615 - 1616 | 52°43'20"SE | 12.23                 | 1,616        | 545,495.133875  | 1,807,616.455730 |
| 1616 - 1617 | 25°16'22"SE | 24.61                 | 1,617        | 545,505.642062  | 1,807,594.198260 |
| 1617 - 1618 | 35°49'31"SE | 25.61                 | 1,618        | 545,520.630690  | 1,807,573.435460 |
| 1618 - 1619 | 34°39'56"SE | 34.26                 | 1,619        | 545,540.118438  | 1,807,545.255560 |
| 1619 - 1620 | 46°37'45"SE | 45.32                 | 1,620        | 545,573.063089  | 1,807,514.133240 |
| 1620 - 1621 | 36°40'26"SE | 35.13                 | 1,621        | 545,594.045474  | 1,807,485.956440 |
| 1621 - 1622 | 51°55'30"SE | 22.82                 | 1,622        | 545,612.009272  | 1,807,471.883720 |
| 1622 - 1623 | 41°01'39"SE | 35.38                 | 1,623        | 545,635.230409  | 1,807,445.196910 |
| 1623 - 1624 | 15°33'40"SE | 19.65                 | 1,624        | 545,640.500981  | 1,807,426.270280 |
| 1624 - 1625 | 54°15'40"SE | 15.21                 | 1,625        | 545,652.849488  | 1,807,417.384350 |
| 1625 - 1626 | 06°09'58"NW | 5.11                  | 1,626        | 545,652.300838  | 1,807,422.462540 |
| 1626 - 1627 | 46°01'21"SE | 15.84                 | 1,627        | 545,663.697244  | 1,807,411.465880 |
| 1627 - 1628 | 76°42'17"SE | 9.60                  | 1,628        | 545,673.042683  | 1,807,409.257550 |
| 1628 - 1629 | 83°54'26"NE | 14.28                 | 1,629        | 545,687.237518  | 1,807,410.772680 |
| 1629 - 1630 | 86°03'35"SE | 5.24                  | 1,630        | 545,692.469124  | 1,807,410.412350 |
| 1630 - 1631 | 36°55'11"SW | 5.58                  | 1,631        | 545,689.115814  | 1,807,405.949370 |
| 1631 - 1632 | 79°55'55"SW | 6.45                  | 1,632        | 545,682.766437  | 1,807,404.822040 |
| 1632 - 1633 | 25°01'50"SE | 10.64                 | 1,633        | 545,687.270290  | 1,807,395.176980 |
| 1633 - 1634 | 32°28'34"SE | 11.87                 | 1,634        | 545,693.643082  | 1,807,385.164520 |
| 1634 - 1635 | 49°46'48"SE | 26.96                 | 1,635        | 545,714.229473  | 1,807,367.755360 |
| 1635 - 1636 | 43°15'06"SE | 14.76                 | 1,636        | 545,724.340161  | 1,807,357.008090 |
| 1636 - 1637 | 40°37'43"SE | 25.88                 | 1,637        | 545,741.194974  | 1,807,337.363120 |
| 1637 - 1638 | 89°52'46"NE | 12.33                 | 1,638        | 545,753.524820  | 1,807,337.389060 |
| 1638 - 1639 | 78°38'14"NE | 6.86                  | 1,639        | 545,760.254195  | 1,807,338.741360 |
| 1639 - 1640 | 37°57'28"SE | 7.59                  | 1,640        | 545,764.921770  | 1,807,332.758080 |
| 1640 - 1641 | 32°42'05"SW | 8.60                  | 1,641        | 545,760.275198  | 1,807,325.520730 |
| 1641 - 1642 | 12°36'28"SW | 18.65                 | 1,642        | 545,756.203538  | 1,807,307.317020 |
| 1642 - 1643 | 00°07'14"SE | 9.65                  | 1,643        | 545,756.223855  | 1,807,297.662500 |
| 1643 - 1644 | 59°39'16"NE | 12.54                 | 1,644        | 545,767.045906  | 1,807,303.997880 |
| 1644 - 1645 | 58°00'17"SE | 8.38                  | 1,645        | 545,774.154300  | 1,807,299.556890 |
| 1645 - 1646 | 12°17'17"SE | 15.95                 | 1,646        | 545,777.549826  | 1,807,283.968180 |
| 1646 - 1647 | 24°57'28"SE | 20.46                 | 1,647        | 545,786.182473  | 1,807,265.419860 |
| 1647 - 1648 | 37°09'39"SE | 13.03                 | 1,648        | 545,794.050662  | 1,807,255.039180 |
| 1648 - 1649 | 46°22'43"SE | 13.96                 | 1,649        | 545,804.159094  | 1,807,245.405880 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1649 - 1650 | 15°27'57"SE | 12.71                 | 1,650        | 545,807.547609  | 1,807,233.159100 |
| 1650 - 1651 | 70°30'38"SE | 21.02                 | 1,651        | 545,827.365054  | 1,807,226.145570 |
| 1651 - 1652 | 62°07'34"SE | 18.20                 | 1,652        | 545,843.449306  | 1,807,217.638870 |
| 1652 - 1653 | 28°52'49"SE | 18.64                 | 1,653        | 545,852.450971  | 1,807,201.319270 |
| 1653 - 1654 | 60°09'38"SE | 21.56                 | 1,654        | 545,871.155391  | 1,807,190.590110 |
| 1654 - 1655 | 49°41'40"SE | 34.36                 | 1,655        | 545,897.356817  | 1,807,168.365500 |
| 1655 - 1656 | 38°18'43"SE | 25.99                 | 1,656        | 545,913.466230  | 1,807,147.976240 |
| 1656 - 1657 | 52°00'11"SE | 36.09                 | 1,657        | 545,941.909562  | 1,807,125.756370 |
| 1657 - 1658 | 50°06'59"SE | 21.95                 | 1,658        | 545,958.752978  | 1,807,111.681310 |
| 1658 - 1659 | 80°04'21"NE | 8.72                  | 1,659        | 545,967.343458  | 1,807,113.184800 |
| 1659 - 1660 | 72°56'23"SE | 17.60                 | 1,660        | 545,984.168055  | 1,807,108.021710 |
| 1660 - 1661 | 70°15'05"SE | 13.11                 | 1,661        | 545,996.507459  | 1,807,103.591810 |
| 1661 - 1662 | 78°52'45"SE | 15.24                 | 1,662        | 546,011.459177  | 1,807,100.652780 |
| 1662 - 1663 | 73°42'47"SE | 10.52                 | 1,663        | 546,021.553633  | 1,807,097.703480 |
| 1663 - 1664 | 40°39'38"SE | 9.77                  | 1,664        | 546,027.921163  | 1,807,090.290290 |
| 1664 - 1665 | 57°48'37"SE | 4.86                  | 1,665        | 546,032.036662  | 1,807,087.699670 |
| 1665 - 1666 | 19°58'33"NE | 4.35                  | 1,666        | 546,033.522559  | 1,807,091.787480 |
| 1666 - 1667 | 06°15'28"NE | 3.36                  | 1,667        | 546,033.889120  | 1,807,095.130250 |
| 1667 - 1668 | 37°37'07"NE | 6.10                  | 1,668        | 546,037.615260  | 1,807,099.965470 |
| 1668 - 1669 | 65°23'20"NE | 9.85                  | 1,669        | 546,046.573872  | 1,807,104.069110 |
| 1669 - 1670 | 63°27'18"NE | 5.84                  | 1,670        | 546,051.799269  | 1,807,106.679500 |
| 1670 - 1671 | 80°06'06"SE | 17.07                 | 1,671        | 546,068.619172  | 1,807,103.744470 |
| 1671 - 1672 | 39°51'18"SE | 11.11                 | 1,672        | 546,075.736349  | 1,807,095.218880 |
| 1672 - 1673 | 36°11'58"SE | 13.32                 | 1,673        | 546,083.605526  | 1,807,084.466890 |
| 1673 - 1674 | 16°24'20"SE | 11.99                 | 1,674        | 546,086.992648  | 1,807,072.962730 |
| 1674 - 1675 | 06°07'12"SW | 17.18                 | 1,675        | 546,085.160666  | 1,807,055.877490 |
| 1675 - 1676 | 10°11'24"SE | 6.41                  | 1,676        | 546,086.294954  | 1,807,049.567220 |
| 1676 - 1677 | 54°34'57"SE | 4.55                  | 1,677        | 546,090.003051  | 1,807,046.930310 |
| 1677 - 1678 | 24°57'29"SW | 14.12                 | 1,678        | 546,084.045143  | 1,807,034.129220 |
| 1678 - 1679 | 54°32'07"NW | 5.46                  | 1,679        | 546,079.595458  | 1,807,037.299000 |
| 1679 - 1680 | 68°26'31"NW | 6.03                  | 1,680        | 546,073.986183  | 1,807,039.515120 |
| 1680 - 1681 | 41°28'59"NW | 11.87                 | 1,681        | 546,066.120928  | 1,807,048.410470 |
| 1681 - 1682 | 71°47'32"NW | 8.27                  | 1,682        | 546,058.269051  | 1,807,050.993180 |
| 1682 - 1683 | 81°23'58"SW | 7.56                  | 1,683        | 546,050.798675  | 1,807,049.863350 |
| 1683 - 1684 | 02°48'03"SE | 15.98                 | 1,684        | 546,051.579762  | 1,807,033.897640 |
| 1684 - 1685 | 50°08'23"SE | 15.60                 | 1,685        | 546,063.557384  | 1,807,023.896980 |
| 1685 - 1686 | 27°54'47"SE | 8.81                  | 1,686        | 546,067.683913  | 1,807,016.107700 |
| 1686 - 1687 | 29°42'02"SE | 8.86                  | 1,687        | 546,072.074806  | 1,807,008.409880 |
| 1687 - 1688 | 24°57'29"SW | 10.67                 | 1,688        | 546,067.572543  | 1,806,998.736370 |
| 1688 - 1689 | 43°30'30"SE | 18.27                 | 1,689        | 546,080.151240  | 1,806,985.485110 |
| 1689 - 1690 | 20°05'18"SW | 4.54                  | 1,690        | 546,078.593355  | 1,806,981.225330 |
| 1690 - 1691 | 14°14'28"SE | 10.72                 | 1,691        | 546,081.230852  | 1,806,970.833530 |
| 1691 - 1692 | 26°49'42"SE | 5.82                  | 1,692        | 546,083.857336  | 1,806,965.640400 |
| 1692 - 1693 | 12°28'57"SW | 6.85                  | 1,693        | 546,082.376946  | 1,806,958.953230 |
| 1693 - 1694 | 16°54'18"SW | 8.93                  | 1,694        | 546,079.779574  | 1,806,950.407000 |
| 1694 - 1695 | 76°27'47"NE | 9.60                  | 1,695        | 546,089.115814  | 1,806,952.654800 |
| 1695 - 1696 | 76°33'56"NE | 8.06                  | 1,696        | 546,096.958286  | 1,806,954.528100 |
| 1696 - 1697 | 80°42'59"SE | 4.54                  | 1,697        | 546,101.443521  | 1,806,953.794940 |
| 1697 - 1698 | 24°47'19"SW | 5.32                  | 1,698        | 546,099.211924  | 1,806,948.962850 |
| 1698 - 1699 | 31°27'57"SW | 7.85                  | 1,699        | 546,095.116067  | 1,806,942.270120 |
| 1699 - 1700 | 16°40'32"SW | 7.76                  | 1,700        | 546,092.889976  | 1,806,934.838680 |
| 1700 - 1701 | 05°55'28"SW | 7.09                  | 1,701        | 546,092.157652  | 1,806,927.781750 |
| 1701 - 1702 | 26°49'42"SE | 5.82                  | 1,702        | 546,094.784142  | 1,806,922.588610 |
| 1702 - 1703 | 89°52'42"NE | 7.47                  | 1,703        | 546,102.256922  | 1,806,922.604450 |
| 1703 - 1704 | 89°52'43"NE | 2.62                  | 1,704        | 546,104.872394  | 1,806,922.609990 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1704 - 1705 | 37°09'42"SE | 5.58                  | 1,705        | 546,108.244592  | 1,806,918.161110 |
| 1705 - 1706 | 28°20'28"SE | 6.32                  | 1,706        | 546,111.245515  | 1,806,912.597420 |
| 1706 - 1707 | 39°51'19"SE | 11.11                 | 1,707        | 546,118.362769  | 1,806,904.071780 |
| 1707 - 1708 | 89°52'42"NE | 12.33                 | 1,708        | 546,130.692866  | 1,806,904.097930 |
| 1708 - 1709 | 40°23'49"SE | 9.25                  | 1,709        | 546,136.686062  | 1,806,897.055250 |
| 1709 - 1710 | 30°55'40"SE | 11.67                 | 1,710        | 546,142.685565  | 1,806,887.041880 |
| 1710 - 1711 | 27°44'28"SE | 10.48                 | 1,711        | 546,147.562578  | 1,806,877.768810 |
| 1711 - 1712 | 65°14'24"SE | 18.53                 | 1,712        | 546,164.392919  | 1,806,870.006450 |
| 1712 - 1713 | 21°44'39"SE | 26.36                 | 1,713        | 546,174.159589  | 1,806,845.518920 |
| 1713 - 1714 | 62°37'16"SE | 8.85                  | 1,714        | 546,182.014709  | 1,806,841.450890 |
| 1714 - 1715 | 83°12'34"NE | 6.40                  | 1,715        | 546,188.365019  | 1,806,842.207050 |
| 1715 - 1716 | 66°42'40"SE | 41.12                 | 1,716        | 546,226.137425  | 1,806,825.948440 |
| 1716 - 1717 | 04°54'53"SE | 44.72                 | 1,717        | 546,229.968548  | 1,806,781.395990 |
| 1717 - 1718 | 11°47'02"SE | 29.57                 | 1,718        | 546,236.008384  | 1,806,752.444400 |
| 1718 - 1719 | 14°02'42"SE | 26.40                 | 1,719        | 546,242.414772  | 1,806,726.835610 |
| 1719 - 1720 | 13°56'24"SE | 17.21                 | 1,720        | 546,246.560368  | 1,806,710.134140 |
| 1720 - 1721 | 17°44'58"SE | 14.81                 | 1,721        | 546,251.074086  | 1,806,696.032820 |
| 1721 - 1722 | 49°41'44"SE | 13.74                 | 1,722        | 546,261.555043  | 1,806,687.142940 |
| 1722 - 1723 | 30°01'10"SE | 14.99                 | 1,723        | 546,269.055551  | 1,806,674.161980 |
| 1723 - 1724 | 48°28'40"SE | 9.50                  | 1,724        | 546,276.168205  | 1,806,667.864330 |
| 1724 - 1725 | 18°39'48"SE | 21.15                 | 1,725        | 546,282.936454  | 1,806,647.826330 |
| 1725 - 1726 | 08°47'24"SE | 12.40                 | 1,726        | 546,284.830749  | 1,806,635.576110 |
| 1726 - 1727 | 50°57'27"SW | 7.68                  | 1,727        | 546,278.862716  | 1,806,630.735970 |
| 1727 - 1728 | 05°52'03"SE | 7.46                  | 1,728        | 546,279.625806  | 1,806,623.310770 |
| 1728 - 1729 | 16°01'03"SE | 20.46                 | 1,729        | 546,285.272348  | 1,806,603.641690 |
| 1729 - 1730 | 38°57'17"SE | 9.53                  | 1,730        | 546,291.266465  | 1,806,596.227610 |
| 1730 - 1731 | 02°06'32"SE | 10.78                 | 1,731        | 546,291.663028  | 1,806,585.459540 |
| 1731 - 1732 | 14°44'33"SE | 10.36                 | 1,732        | 546,294.299880  | 1,806,575.438920 |
| 1732 - 1733 | 17°30'20"SW | 7.40                  | 1,733        | 546,292.073025  | 1,806,568.378680 |
| 1733 - 1734 | 23°18'04"SE | 56.96                 | 1,734        | 546,314.603213  | 1,806,516.067320 |
| 1734 - 1735 | 25°32'12"SE | 14.80                 | 1,735        | 546,320.983662  | 1,806,502.712550 |
| 1735 - 1736 | 44°33'18"SE | 20.28                 | 1,736        | 546,335.213068  | 1,806,488.260450 |
| 1736 - 1737 | 34°52'48"SE | 13.11                 | 1,737        | 546,342.708941  | 1,806,477.507450 |
| 1737 - 1738 | 15°51'23"SE | 9.64                  | 1,738        | 546,345.344246  | 1,806,468.229470 |
| 1738 - 1739 | 13°00'11"SE | 8.38                  | 1,739        | 546,347.229886  | 1,806,460.063920 |
| 1739 - 1740 | 42°51'43"SE | 24.78                 | 1,740        | 546,364.082782  | 1,806,441.903960 |
| 1740 - 1741 | 16°55'09"SE | 19.39                 | 1,741        | 546,369.727069  | 1,806,423.348770 |
| 1741 - 1742 | 13°35'41"SE | 16.04                 | 1,742        | 546,373.496793  | 1,806,407.760320 |
| 1742 - 1743 | 06°13'55"SE | 17.55                 | 1,743        | 546,375.402238  | 1,806,390.311160 |
| 1743 - 1744 | 38°57'17"SE | 9.53                  | 1,744        | 546,381.396444  | 1,806,382.897030 |
| 1744 - 1745 | 68°11'54"NE | 5.20                  | 1,745        | 546,386.225408  | 1,806,384.828640 |
| 1745 - 1746 | 08°55'18"SE | 13.59                 | 1,746        | 546,388.333485  | 1,806,371.400110 |
| 1746 - 1747 | 41°38'45"SE | 24.80                 | 1,747        | 546,404.813627  | 1,806,352.867970 |
| 1747 - 1748 | 22°52'05"SE | 28.99                 | 1,748        | 546,416.080138  | 1,806,326.155080 |
| 1748 - 1749 | 14°27'25"SE | 48.29                 | 1,749        | 546,428.136769  | 1,806,279.391110 |
| 1749 - 1750 | 18°39'49"SE | 30.55                 | 1,750        | 546,437.913497  | 1,806,250.446880 |
| 1750 - 1751 | 25°28'44"SW | 17.29                 | 1,751        | 546,430.473769  | 1,806,234.834390 |
| 1751 - 1752 | 01°44'12"SW | 23.04                 | 1,752        | 546,429.775600  | 1,806,211.809320 |
| 1752 - 1753 | 39°23'23"SE | 30.70                 | 1,753        | 546,449.256208  | 1,806,188.084600 |
| 1753 - 1754 | 35°49'40"SE | 12.80                 | 1,754        | 546,456.751444  | 1,806,177.702830 |
| 1754 - 1755 | 40°39'42"SE | 19.55                 | 1,755        | 546,469.487334  | 1,806,162.876070 |
| 1755 - 1756 | 78°38'08"NE | 3.81                  | 1,756        | 546,473.222269  | 1,806,163.626740 |
| 1756 - 1757 | 19°31'23"SE | 15.75                 | 1,757        | 546,478.485129  | 1,806,148.784020 |
| 1757 - 1758 | 07°17'28"SE | 41.92                 | 1,758        | 546,483.805119  | 1,806,107.204210 |
| 1758 - 1759 | 26°35'05"SW | 24.94                 | 1,759        | 546,472.643114  | 1,806,084.899350 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|--------------|-----------------|------------------|
|             |             |                       |              | X               | Y                |
| 1759 - 1760 | 02°29'46"SW | 16.36                 | 1,760        | 546,471.930705  | 1,806,068.558400 |
| 1760 - 1761 | 06°52'24"SE | 25.43                 | 1,761        | 546,474.973871  | 1,806,043.313030 |
| 1761 - 1762 | 24°55'05"SW | 22.95                 | 1,762        | 546,465.303269  | 1,806,022.496700 |
| 1762 - 1763 | 03°09'13"SE | 42.39                 | 1,763        | 546,467.635601  | 1,805,980.167570 |
| 1763 - 1764 | 03°22'55"SE | 39.43                 | 1,764        | 546,469.961595  | 1,805,940.809160 |
| 1764 - 1765 | 11°21'17"SE | 57.55                 | 1,765        | 546,481.291844  | 1,805,884.387650 |
| 1765 - 1766 | 74°30'21"SE | 4.00                  | 1,766        | 546,485.151247  | 1,805,883.317770 |
| 1766 - 1767 | 16°21'48"SW | 13.59                 | 1,767        | 546,481.321985  | 1,805,870.276260 |
| 1767 - 1768 | 14°14'32"SE | 52.08                 | 1,768        | 546,494.134233  | 1,805,819.799420 |
| 1768 - 1769 | 00°50'18"SW | 89.14                 | 1,769        | 546,492.830006  | 1,805,730.671260 |
| 1769 - 1770 | 07°02'47"SE | 43.39                 | 1,770        | 546,498.153277  | 1,805,687.605240 |
| 1770 - 1771 | 19°40'26"SE | 26.80                 | 1,771        | 546,507.175087  | 1,805,662.372210 |
| 1771 - 1772 | 61°58'09"SE | 11.02                 | 1,772        | 546,516.901379  | 1,805,657.193990 |
| 1772 - 1773 | 11°16'59"SE | 24.11                 | 1,773        | 546,521.618824  | 1,805,633.549680 |
| 1773 - 1774 | 40°11'40"SW | 31.76                 | 1,774        | 546,501.123780  | 1,805,609.292440 |
| 1774 - 1775 | 78°52'50"NW | 4.11                  | 1,775        | 546,497.090082  | 1,805,610.085240 |
| 1775 - 1776 | 78°52'49"NW | 11.35                 | 1,776        | 546,485.958034  | 1,805,612.273210 |
| 1776 - 1777 | 85°30'21"SW | 15.23                 | 1,777        | 546,470.778491  | 1,805,611.080140 |
| 1777 - 1778 | 21°48'05"SW | 9.38                  | 1,778        | 546,467.293532  | 1,805,602.367830 |
| 1778 - 1779 | 36°18'02"SW | 10.82                 | 1,779        | 546,460.888949  | 1,805,593.649280 |
| 1779 - 1780 | 21°48'05"SW | 9.38                  | 1,780        | 546,457.403983  | 1,805,584.936960 |
| 1780 - 1781 | 40°53'55"SE | 10.73                 | 1,781        | 546,464.428423  | 1,805,576.827400 |
| 1781 - 1782 | 45°03'17"SW | 4.94                  | 1,782        | 546,460.932307  | 1,805,573.337980 |
| 1782 - 1783 | 13°20'05"SE | 9.32                  | 1,783        | 546,463.082228  | 1,805,564.267870 |
| 1783 - 1784 | 40°11'41"SW | 5.06                  | 1,784        | 546,459.819599  | 1,805,560.406370 |
| 1784 - 1785 | 24°08'33"SW | 122.55                | 1,785        | 546,409.694800  | 1,805,448.574960 |
| 1785 - 1786 | 16°55'05"SW | 2.65                  | 1,786        | 546,408.923222  | 1,805,446.038290 |
| 1786 - 1787 | 00°00'00"SE | 10.96                 | 1,787        | 546,408.923222  | 1,805,435.081500 |
| 1787 - 1788 | 24°04'31"SW | 25.59                 | 1,788        | 546,398.483628  | 1,805,411.716700 |
| 1788 - 1789 | 16°55'05"SW | 34.54                 | 1,789        | 546,388.432901  | 1,805,378.673500 |
| 1789 - 1790 | 51°25'43"SW | 19.59                 | 1,790        | 546,373.113100  | 1,805,366.456500 |
| 1790 - 1791 | 27°38'34"SW | 25.76                 | 1,791        | 546,361.163801  | 1,805,343.641200 |
| 1791 - 1792 | 20°19'50"SE | 7.13                  | 1,792        | 546,363.642301  | 1,805,336.952000 |
| 1792 - 1793 | 33°14'59"SW | 78.56                 | 1,793        | 546,320.570801  | 1,805,271.256600 |
| 1793 - 1794 | 38°29'12"SW | 25.36                 | 1,794        | 546,304.786626  | 1,805,251.403880 |
| 1794 - 1795 | 42°42'33"SW | 18.75                 | 1,795        | 546,292.070002  | 1,805,237.627540 |
| 1795 - 1796 | 40°16'52"SW | 11.00                 | 1,796        | 546,284.956500  | 1,805,229.234060 |
| 1796 - 1797 | 42°27'09"SW | 63.64                 | 1,797        | 546,242.000600  | 1,805,182.277860 |
| 1797 - 1798 | 57°37'35"SW | 60.02                 | 1,798        | 546,191.311500  | 1,805,150.142560 |
| 1798 - 1799 | 58°00'40"SW | 42.11                 | 1,799        | 546,155.595795  | 1,805,127.834610 |
| 1799 - 1800 | 58°00'39"SW | 4.80                  | 1,800        | 546,151.526800  | 1,805,125.293100 |
| 1800 - 1801 | 73°10'15"SW | 29.86                 | 1,801        | 546,122.948100  | 1,805,116.648900 |
| 1801 - 1802 | 79°24'27"NW | 74.99                 | 1,802        | 546,049.236500  | 1,805,130.433400 |
| 1802 - 1803 | 61°03'47"NW | 81.03                 | 1,803        | 545,978.320100  | 1,805,169.640600 |
| 1803 - 1804 | 72°22'28"NW | 36.30                 | 1,804        | 545,943.727900  | 1,805,180.630800 |
| 1804 - 1805 | 52°53'05"SW | 5.51                  | 1,805        | 545,939.336000  | 1,805,177.307400 |
| 1805 - 1806 | 88°03'26"SW | 3.91                  | 1,806        | 545,935.431142  | 1,805,177.174950 |
| 1806 - 1807 | 88°03'44"SW | 0.17                  | 1,807        | 545,935.259112  | 1,805,177.169130 |
| 1807 - 1808 | 88°03'25"SW | 12.98                 | 1,808        | 545,922.284500  | 1,805,176.728960 |
| 1808 - 1809 | 15°32'04"SW | 11.78                 | 1,809        | 545,919.129600  | 1,805,165.379360 |
| 1809 - 1810 | 25°02'35"SE | 35.50                 | 1,810        | 545,934.155900  | 1,805,133.218760 |
| 1810 - 1811 | 64°57'23"SW | 20.00                 | 1,811        | 545,916.036100  | 1,805,124.752600 |
| 1811 - 1812 | 67°27'09"SW | 15.21                 | 1,812        | 545,901.986835  | 1,805,118.919630 |
| 1812 - 1813 | 53°07'48"NW | 17.75                 | 1,813        | 545,887.789202  | 1,805,129.567850 |

A partir de este vértice 1,813 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 25,572.71 metros hasta llegar al vértice 1.

**Zona Núcleo**  
**“Barrita del Río”**  
**(Superficie 131-88-28.42 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 1 - 2   | 12°47'15"NE | 14.08                 | 1               | 529,005.840900  | 1,824,337.985500 |
| 2 - 3   | 15°55'42"NE | 8.57                  | 2               | 529,008.956600  | 1,824,351.713000 |
| 3 - 4   | 58°18'07"NE | 8.43                  | 3               | 529,011.308200  | 1,824,359.952800 |
| 4 - 5   | 78°31'30"NE | 15.28                 | 4               | 529,018.477000  | 1,824,364.380000 |
| 5 - 6   | 86°08'10"SE | 16.17                 | 5               | 529,033.451300  | 1,824,367.419700 |
| 6 - 7   | 51°43'16"SE | 19.80                 | 6               | 529,049.587600  | 1,824,366.329900 |
| 7 - 8   | 35°22'50"SE | 24.42                 | 7               | 529,065.127900  | 1,824,354.066300 |
| 8 - 9   | 24°36'15"SE | 19.05                 | 8               | 529,079.266300  | 1,824,334.157400 |
| 9 - 10  | 21°11'10"SE | 26.22                 | 9               | 529,087.196100  | 1,824,316.840700 |
| 10 - 11 | 37°39'07"SE | 23.65                 | 10              | 529,096.671500  | 1,824,292.394400 |
| 11 - 12 | 37°39'07"SE | 23.65                 | 11              | 529,111.117000  | 1,824,273.671800 |
| 12 - 13 | 87°33'04"NE | 17.94                 | 12              | 529,129.036000  | 1,824,274.438100 |
| 13 - 14 | 09°22'47"SE | 32.33                 | 13              | 529,134.305800  | 1,824,242.536100 |
| 14 - 15 | 26°47'04"SE | 39.87                 | 14              | 529,152.274200  | 1,824,206.941000 |
| 15 - 16 | 36°09'19"SE | 49.02                 | 15              | 529,181.197000  | 1,824,167.358600 |
| 16 - 17 | 66°00'22"SE | 3.28                  | 16              | 529,184.197900  | 1,824,166.022900 |
| 17 - 18 | 41°09'10"SE | 7.48                  | 17              | 529,189.117900  | 1,824,160.393500 |
| 18 - 19 | 49°23'48"SE | 17.10                 | 18              | 529,202.099300  | 1,824,149.265800 |
| 19 - 20 | 38°25'17"SE | 0.40                  | 19              | 529,202.349000  | 1,824,148.951000 |
| 20 - 21 | 38°24'25"SE | 79.06                 | 20              | 529,251.464300  | 1,824,086.998500 |
| 21 - 22 | 44°47'20"SE | 55.38                 | 21              | 529,290.479500  | 1,824,047.695000 |
| 22 - 23 | 47°01'38"SE | 8.20                  | 22              | 529,296.478500  | 1,824,042.106200 |
| 23 - 24 | 45°48'38"SE | 17.69                 | 23              | 529,309.165800  | 1,824,029.772900 |
| 24 - 25 | 42°33'05"SE | 16.28                 | 24              | 529,320.174900  | 1,824,017.780300 |
| 25 - 26 | 44°47'20"SE | 31.95                 | 25              | 529,342.683900  | 1,823,995.104900 |
| 26 - 27 | 43°13'24"SE | 17.21                 | 26              | 529,354.470600  | 1,823,982.563700 |
| 27 - 28 | 45°23'08"SE | 9.84                  | 27              | 529,361.475000  | 1,823,975.653000 |
| 28 - 29 | 43°29'13"SE | 10.66                 | 28              | 529,368.810800  | 1,823,967.919200 |
| 29 - 30 | 43°29'14"SE | 11.35                 | 29              | 529,376.618400  | 1,823,959.688100 |
| 30 - 31 | 43°29'13"SE | 11.27                 | 30              | 529,384.373600  | 1,823,951.512100 |
| 31 - 32 | 43°39'02"SE | 13.69                 | 31              | 529,393.823600  | 1,823,941.606200 |
| 32 - 33 | 43°42'11"SE | 20.90                 | 32              | 529,408.264300  | 1,823,926.496500 |
| 33 - 34 | 43°43'27"SE | 24.46                 | 33              | 529,425.171500  | 1,823,908.819100 |
| 34 - 35 | 43°29'29"SE | 22.60                 | 34              | 529,440.727800  | 1,823,892.421300 |
| 35 - 36 | 41°48'10"SE | 24.01                 | 35              | 529,456.735300  | 1,823,874.519800 |
| 36 - 37 | 42°38'48"SE | 16.99                 | 36              | 529,468.247900  | 1,823,862.020400 |
| 37 - 38 | 42°56'41"SE | 21.65                 | 37              | 529,483.000400  | 1,823,846.169800 |
| 38 - 39 | 40°24'32"SE | 21.74                 | 38              | 529,497.093100  | 1,823,829.616300 |
| 39 - 40 | 39°51'20"SE | 7.01                  | 39              | 529,501.587500  | 1,823,824.232600 |
| 40 - 41 | 42°23'31"SE | 83.74                 | 40              | 529,558.046700  | 1,823,762.384900 |
| 41 - 42 | 38°27'17"SE | 128.76                | 41              | 529,638.121800  | 1,823,661.554200 |
| 42 - 43 | 40°36'41"SE | 1.22                  | 42              | 529,638.913400  | 1,823,660.631000 |
| 43 - 44 | 37°44'38"SE | 3.69                  | 43              | 529,641.170100  | 1,823,657.715800 |
| 44 - 45 | 38°27'18"SE | 70.81                 | 44              | 529,685.204200  | 1,823,602.268100 |
| 45 - 46 | 38°10'18"SE | 29.77                 | 45              | 529,703.604800  | 1,823,578.861300 |
| 46 - 47 | 41°43'31"SE | 13.74                 | 46              | 529,712.752600  | 1,823,568.603200 |
| 47 - 48 | 41°43'30"SE | 8.43                  | 47              | 529,718.364600  | 1,823,562.310000 |
| 48 - 49 | 37°18'01"SE | 45.06                 | 48              | 529,745.672300  | 1,823,526.464000 |
| 49 - 50 | 36°12'44"SE | 20.15                 | 49              | 529,757.576800  | 1,823,510.206000 |
| 50 - 51 | 38°10'18"SE | 13.88                 | 50              | 529,766.151900  | 1,823,499.298000 |
| 51 - 52 | 33°08'44"SE | 9.76                  | 51              | 529,771.489100  | 1,823,491.125000 |
| 52 - 53 | 37°36'34"SE | 21.76                 | 52              | 529,784.766800  | 1,823,473.889600 |
| 53 - 54 | 37°07'08"SE | 15.80                 | 53              | 529,794.304600  | 1,823,461.287100 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 53 - 54   | 37°30'00"SE | 22.43                 | 54              | 529,807.956500  | 1,823,443.495700 |
| 54 - 55   | 36°10'32"SE | 15.84                 | 55              | 529,817.307800  | 1,823,430.707400 |
| 55 - 56   | 37°46'43"SE | 16.18                 | 56              | 529,827.219300  | 1,823,417.919800 |
| 56 - 57   | 37°56'44"SE | 10.34                 | 57              | 529,833.577600  | 1,823,409.765600 |
| 57 - 58   | 44°26'55"SE | 9.34                  | 58              | 529,840.120400  | 1,823,403.095700 |
| 58 - 59   | 37°53'53"SE | 8.22                  | 59              | 529,845.169600  | 1,823,396.609300 |
| 59 - 60   | 59°39'17"SE | 1.37                  | 60              | 529,846.355600  | 1,823,395.915000 |
| 60 - 61   | 37°41'21"SE | 6.65                  | 61              | 529,850.422300  | 1,823,390.651300 |
| 61 - 62   | 40°51'12"SE | 7.16                  | 62              | 529,855.102900  | 1,823,385.239000 |
| 62 - 63   | 34°55'25"SE | 14.24                 | 63              | 529,863.252900  | 1,823,373.566600 |
| 63 - 64   | 35°31'59"SE | 55.98                 | 64              | 529,895.785900  | 1,823,328.013000 |
| 64 - 65   | 36°50'21"SE | 6.56                  | 65              | 529,899.717300  | 1,823,322.765300 |
| 65 - 66   | 41°48'05"SE | 29.57                 | 66              | 529,919.426300  | 1,823,300.723200 |
| 66 - 67   | 32°00'18"SE | 27.27                 | 67              | 529,933.877300  | 1,823,277.601500 |
| 67 - 68   | 35°25'01"SE | 18.88                 | 68              | 529,944.819500  | 1,823,262.214000 |
| 68 - 69   | 39°00'38"SE | 33.79                 | 69              | 529,966.089000  | 1,823,235.958400 |
| 69 - 70   | 43°11'09"SE | 11.15                 | 70              | 529,973.720800  | 1,823,227.827400 |
| 70 - 71   | 40°51'53"SE | 17.17                 | 71              | 529,984.952400  | 1,823,214.845200 |
| 71 - 72   | 41°00'23"SE | 13.89                 | 72              | 529,994.063100  | 1,823,204.366900 |
| 72 - 73   | 41°00'21"SE | 15.83                 | 73              | 530,004.448000  | 1,823,192.423000 |
| 73 - 74   | 38°02'51"SE | 14.71                 | 74              | 530,013.516700  | 1,823,180.835500 |
| 74 - 75   | 38°02'52"SE | 12.62                 | 75              | 530,021.294600  | 1,823,170.897400 |
| 75 - 76   | 38°02'52"SE | 12.86                 | 76              | 530,029.222900  | 1,823,160.767100 |
| 76 - 77   | 41°18'42"SE | 9.17                  | 77              | 530,035.274500  | 1,823,153.881600 |
| 77 - 78   | 43°36'46"SE | 11.01                 | 78              | 530,042.871000  | 1,823,145.908100 |
| 78 - 79   | 43°36'49"SE | 11.55                 | 79              | 530,050.838600  | 1,823,137.545300 |
| 79 - 80   | 42°10'49"SE | 16.79                 | 80              | 530,062.114200  | 1,823,125.101500 |
| 80 - 81   | 40°25'47"SE | 19.25                 | 81              | 530,074.599700  | 1,823,110.446500 |
| 81 - 82   | 40°25'47"SE | 18.33                 | 82              | 530,086.485100  | 1,823,096.496000 |
| 82 - 83   | 32°18'41"SE | 18.53                 | 83              | 530,096.392300  | 1,823,080.831400 |
| 83 - 84   | 40°37'09"SE | 27.91                 | 84              | 530,114.564100  | 1,823,059.644500 |
| 84 - 85   | 35°27'52"SE | 44.78                 | 85              | 530,140.544600  | 1,823,023.173600 |
| 85 - 86   | 83°37'08"NE | 3.47                  | 86              | 530,143.998000  | 1,823,023.559800 |
| 86 - 87   | 42°31'49"SE | 11.06                 | 87              | 530,151.476600  | 1,823,015.407000 |
| 87 - 88   | 36°24'26"SE | 11.97                 | 88              | 530,158.583900  | 1,823,005.769500 |
| 88 - 89   | 24°39'22"SE | 4.49                  | 89              | 530,160.456300  | 1,823,001.690400 |
| 89 - 90   | 53°22'49"SE | 11.18                 | 90              | 530,169.426200  | 1,822,995.024000 |
| 90 - 91   | 35°07'19"SE | 14.96                 | 91              | 530,178.030600  | 1,822,982.791200 |
| 91 - 92   | 49°14'45"SE | 11.35                 | 92              | 530,186.628200  | 1,822,975.382000 |
| 92 - 93   | 36°16'36"SE | 5.06                  | 93              | 530,189.620800  | 1,822,971.304600 |
| 93 - 94   | 53°22'48"SE | 3.73                  | 94              | 530,192.610700  | 1,822,969.082500 |
| 94 - 95   | 57°46'06"SE | 9.72                  | 95              | 530,200.831800  | 1,822,963.899100 |
| 95 - 96   | 39°14'41"SE | 10.05                 | 96              | 530,207.189800  | 1,822,956.115900 |
| 96 - 97   | 03°55'05"SE | 5.58                  | 97              | 530,207.571000  | 1,822,950.550500 |
| 97 - 98   | 45°15'25"SE | 7.90                  | 98              | 530,213.179100  | 1,822,944.992500 |
| 98 - 99   | 37°49'14"SE | 6.10                  | 99              | 530,216.919500  | 1,822,940.174000 |
| 99 - 100  | 69°58'13"SE | 7.55                  | 100             | 530,224.016900  | 1,822,937.586600 |
| 100 - 101 | 78°50'15"SE | 9.52                  | 101             | 530,233.353400  | 1,822,935.744300 |
| 101 - 102 | 00°04'51"SE | 6.31                  | 102             | 530,233.362300  | 1,822,929.436400 |
| 102 - 103 | 28°17'58"SE | 6.32                  | 103             | 530,236.356900  | 1,822,923.874700 |
| 103 - 104 | 41°36'15"SE | 12.39                 | 104             | 530,244.583900  | 1,822,914.609800 |
| 104 - 105 | 58°28'44"SE | 9.21                  | 105             | 530,252.431200  | 1,822,909.797000 |
| 105 - 106 | 38°37'12"SE | 11.39                 | 106             | 530,259.537400  | 1,822,900.901600 |
| 106 - 107 | 10°28'26"SW | 4.99                  | 107             | 530,258.629700  | 1,822,895.991700 |
| 107 - 108 | 48°59'03"SE | 1.36                  | 108             | 530,259.657100  | 1,822,895.098100 |
| 108 - 109 | 37°07'13"SE | 56.74                 | 109             | 530,293.901300  | 1,822,849.852800 |
| 109 - 110 | 41°44'31"SE | 12.90                 | 110             | 530,302.489700  | 1,822,840.227600 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 110 - 111 | 43°26'06"SE | 34.00                 | 111             | 530,325.867700  | 1,822,815.536500 |
| 111 - 112 | 35°38'15"SE | 10.54                 | 112             | 530,332.006800  | 1,822,806.973400 |
| 112 - 113 | 43°37'15"SE | 70.76                 | 113             | 530,380.821900  | 1,822,755.749900 |
| 113 - 114 | 36°51'26"SE | 35.70                 | 114             | 530,402.235500  | 1,822,727.185400 |
| 114 - 115 | 46°53'32"SE | 19.00                 | 115             | 530,416.105900  | 1,822,714.202200 |
| 115 - 116 | 35°52'11"SE | 33.45                 | 116             | 530,435.705800  | 1,822,687.096100 |
| 116 - 117 | 37°45'12"SE | 19.25                 | 117             | 530,447.491100  | 1,822,671.877100 |
| 117 - 118 | 40°58'00"SE | 42.07                 | 118             | 530,475.072300  | 1,822,640.111500 |
| 118 - 119 | 35°01'31"SE | 5.86                  | 119             | 530,478.434800  | 1,822,635.313900 |
| 119 - 120 | 48°31'58"SE | 7.42                  | 120             | 530,483.995500  | 1,822,630.399900 |
| 120 - 121 | 34°28'00"SE | 24.20                 | 121             | 530,497.691700  | 1,822,610.447100 |
| 121 - 122 | 33°12'08"SE | 31.98                 | 122             | 530,515.201200  | 1,822,583.692200 |
| 122 - 123 | 39°08'22"SE | 2.62                  | 123             | 530,516.852700  | 1,822,581.662900 |
| 123 - 124 | 40°45'32"SE | 87.25                 | 124             | 530,573.816900  | 1,822,515.573600 |
| 124 - 125 | 31°22'37"SE | 4.02                  | 125             | 530,575.910900  | 1,822,512.140000 |
| 125 - 126 | 43°20'51"SE | 2.93                  | 126             | 530,577.920900  | 1,822,510.010600 |
| 126 - 127 | 32°40'43"SE | 33.05                 | 127             | 530,595.765900  | 1,822,482.191600 |
| 127 - 128 | 33°41'25"SE | 30.21                 | 128             | 530,612.521600  | 1,822,457.058300 |
| 128 - 129 | 35°18'41"SE | 29.57                 | 129             | 530,629.613300  | 1,822,432.929000 |
| 129 - 130 | 37°28'04"SE | 32.33                 | 130             | 530,649.282200  | 1,822,407.266300 |
| 130 - 131 | 38°51'09"SE | 34.84                 | 131             | 530,671.138800  | 1,822,380.133300 |
| 131 - 132 | 28°47'11"SE | 14.28                 | 132             | 530,678.013900  | 1,822,367.620600 |
| 132 - 133 | 31°37'56"SE | 23.90                 | 133             | 530,690.546500  | 1,822,347.275000 |
| 133 - 134 | 29°53'36"SE | 62.43                 | 134             | 530,721.661600  | 1,822,293.149700 |
| 134 - 135 | 33°44'53"SE | 0.49                  | 135             | 530,721.935400  | 1,822,292.739900 |
| 135 - 136 | 35°41'38"SE | 33.95                 | 136             | 530,741.741800  | 1,822,265.170200 |
| 136 - 137 | 34°32'39"SE | 34.00                 | 137             | 530,761.023500  | 1,822,237.161500 |
| 137 - 138 | 40°07'49"SE | 28.43                 | 138             | 530,779.347300  | 1,822,215.424800 |
| 138 - 139 | 43°04'01"SE | 16.78                 | 139             | 530,790.809000  | 1,822,203.162500 |
| 139 - 140 | 29°32'47"SE | 24.45                 | 140             | 530,802.866500  | 1,822,181.891200 |
| 140 - 141 | 35°12'26"SE | 32.92                 | 141             | 530,821.847100  | 1,822,154.991800 |
| 141 - 142 | 26°04'50"SE | 31.89                 | 142             | 530,835.868800  | 1,822,126.345500 |
| 142 - 143 | 29°32'33"SE | 26.60                 | 143             | 530,848.982100  | 1,822,103.207900 |
| 143 - 144 | 43°09'45"SE | 23.47                 | 144             | 530,865.035600  | 1,822,086.090300 |
| 144 - 145 | 32°04'22"SE | 17.33                 | 145             | 530,874.239100  | 1,822,071.403200 |
| 145 - 146 | 18°14'01"SE | 3.88                  | 146             | 530,875.454300  | 1,822,067.714500 |
| 146 - 147 | 33°13'52"SE | 2.62                  | 147             | 530,876.887400  | 1,822,065.527100 |
| 147 - 148 | 10°51'38"SE | 5.27                  | 148             | 530,877.880800  | 1,822,060.349300 |
| 148 - 149 | 18°12'54"SE | 0.30                  | 149             | 530,877.973600  | 1,822,060.067300 |
| 149 - 150 | 27°05'25"SE | 25.94                 | 150             | 530,889.785600  | 1,822,036.975100 |
| 150 - 151 | 36°23'45"SE | 15.13                 | 151             | 530,898.762000  | 1,822,024.798000 |
| 151 - 152 | 36°23'46"SE | 17.08                 | 152             | 530,908.898700  | 1,822,011.047000 |
| 152 - 153 | 35°38'59"SE | 24.75                 | 153             | 530,923.325600  | 1,821,990.932800 |
| 153 - 154 | 33°40'15"SE | 10.22                 | 154             | 530,928.993400  | 1,821,982.425000 |
| 154 - 155 | 35°24'52"SE | 22.27                 | 155             | 530,941.900400  | 1,821,964.272800 |
| 155 - 156 | 33°36'40"SE | 30.54                 | 156             | 530,958.803900  | 1,821,938.841900 |
| 156 - 157 | 26°20'48"SE | 31.39                 | 157             | 530,972.732700  | 1,821,910.716900 |
| 157 - 158 | 25°59'05"SE | 33.39                 | 158             | 530,987.362500  | 1,821,880.701400 |
| 158 - 159 | 32°23'32"SE | 32.03                 | 159             | 531,004.522000  | 1,821,853.654300 |
| 159 - 160 | 25°38'40"SE | 33.47                 | 160             | 531,019.006900  | 1,821,823.482100 |
| 160 - 161 | 31°50'04"SE | 32.09                 | 161             | 531,035.932500  | 1,821,796.220700 |
| 161 - 162 | 23°55'10"SE | 28.82                 | 162             | 531,047.619100  | 1,821,769.872600 |
| 162 - 163 | 32°58'48"SE | 33.51                 | 163             | 531,065.860200  | 1,821,741.762300 |
| 163 - 164 | 29°40'32"SE | 28.88                 | 164             | 531,080.157200  | 1,821,716.672300 |
| 164 - 165 | 31°37'16"SE | 29.04                 | 165             | 531,095.382000  | 1,821,691.945200 |
| 165 - 166 | 27°45'39"SE | 6.50                  | 166             | 531,098.407300  | 1,821,686.197700 |
| 166 - 167 | 30°58'42"SE | 48.51                 | 167             | 531,123.374900  | 1,821,644.609400 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 167 - 168 | 41°53'36"SE | 20.53                 | 168             | 531,137.083800  | 1,821,629.327100 |
| 168 - 169 | 14°21'51"SE | 16.69                 | 169             | 531,141.225100  | 1,821,613.156100 |
| 169 - 170 | 29°19'21"SE | 0.06                  | 170             | 531,141.255600  | 1,821,613.101800 |
| 170 - 171 | 12°22'03"SE | 41.06                 | 171             | 531,150.049800  | 1,821,572.995500 |
| 171 - 172 | 29°10'22"SE | 36.10                 | 172             | 531,167.644200  | 1,821,541.479000 |
| 172 - 173 | 61°25'06"SE | 0.73                  | 173             | 531,168.281500  | 1,821,541.131800 |
| 173 - 174 | 20°31'32"SE | 0.73                  | 174             | 531,168.537700  | 1,821,540.447500 |
| 174 - 175 | 32°59'41"SE | 24.69                 | 175             | 531,181.981300  | 1,821,519.742200 |
| 175 - 176 | 32°08'21"SE | 31.44                 | 176             | 531,198.705800  | 1,821,493.121600 |
| 176 - 177 | 36°26'58"SE | 30.93                 | 177             | 531,217.083700  | 1,821,468.239500 |
| 177 - 178 | 27°53'38"SE | 38.46                 | 178             | 531,235.078600  | 1,821,434.244500 |
| 178 - 179 | 28°05'54"SE | 15.34                 | 179             | 531,242.302700  | 1,821,420.714100 |
| 179 - 180 | 29°31'31"SE | 11.25                 | 180             | 531,247.848900  | 1,821,410.921400 |
| 180 - 181 | 32°20'56"SE | 19.06                 | 181             | 531,258.048200  | 1,821,394.818200 |
| 181 - 182 | 34°41'41"SE | 18.13                 | 182             | 531,268.366900  | 1,821,379.913300 |
| 182 - 183 | 29°58'40"SE | 17.94                 | 183             | 531,277.329600  | 1,821,364.375600 |
| 183 - 184 | 32°20'56"SE | 14.88                 | 184             | 531,285.294100  | 1,821,351.800900 |
| 184 - 185 | 39°30'30"SE | 13.79                 | 185             | 531,294.068300  | 1,821,341.160200 |
| 185 - 186 | 26°12'40"SE | 7.31                  | 186             | 531,297.295100  | 1,821,334.605700 |
| 186 - 187 | 33°47'54"SE | 18.17                 | 187             | 531,307.402800  | 1,821,319.506200 |
| 187 - 188 | 34°36'34"SE | 20.02                 | 188             | 531,318.775200  | 1,821,303.026800 |
| 188 - 189 | 32°10'43"SE | 3.51                  | 189             | 531,320.641900  | 1,821,300.060100 |
| 189 - 190 | 35°14'30"SE | 21.44                 | 190             | 531,333.015400  | 1,821,282.546600 |
| 190 - 191 | 60°53'09"SE | 11.03                 | 191             | 531,342.648500  | 1,821,277.181800 |
| 191 - 192 | 31°47'03"SE | 12.43                 | 192             | 531,349.193500  | 1,821,266.619300 |
| 192 - 193 | 42°38'02"SE | 11.61                 | 193             | 531,357.056100  | 1,821,258.079000 |
| 193 - 194 | 47°18'19"SE | 12.04                 | 194             | 531,365.903800  | 1,821,249.916100 |
| 194 - 195 | 37°42'53"SE | 14.77                 | 195             | 531,374.939200  | 1,821,238.231900 |
| 195 - 196 | 49°39'24"SE | 17.17                 | 196             | 531,388.023900  | 1,821,227.118300 |
| 196 - 197 | 55°57'41"SE | 9.92                  | 197             | 531,396.246600  | 1,821,221.564000 |
| 197 - 198 | 52°41'09"SE | 24.44                 | 198             | 531,415.684400  | 1,821,206.748800 |
| 198 - 199 | 55°15'26"SE | 22.74                 | 199             | 531,434.372700  | 1,821,193.787800 |
| 199 - 200 | 65°53'29"SE | 4.14                  | 200             | 531,438.151500  | 1,821,192.096800 |
| 200 - 201 | 52°28'45"SE | 3.39                  | 201             | 531,440.837400  | 1,821,190.034300 |
| 201 - 202 | 44°22'42"SE | 1.75                  | 202             | 531,442.063900  | 1,821,188.780900 |
| 202 - 203 | 55°26'36"SE | 0.21                  | 203             | 531,442.236100  | 1,821,188.662300 |
| 203 - 204 | 48°20'19"SE | 33.47                 | 204             | 531,467.244300  | 1,821,166.411100 |
| 204 - 205 | 37°50'09"SE | 20.64                 | 205             | 531,479.903500  | 1,821,150.112100 |
| 205 - 206 | 44°22'44"SE | 12.58                 | 206             | 531,488.702500  | 1,821,141.120300 |
| 206 - 207 | 29°02'39"SE | 10.38                 | 207             | 531,493.740300  | 1,821,132.048400 |
| 207 - 208 | 37°03'50"SE | 17.53                 | 208             | 531,504.308200  | 1,821,118.056900 |
| 208 - 209 | 06°24'47"SE | 6.36                  | 209             | 531,505.018300  | 1,821,111.739300 |
| 209 - 210 | 29°03'04"SE | 0.32                  | 210             | 531,505.175000  | 1,821,111.457200 |
| 210 - 211 | 25°25'17"SE | 69.80                 | 211             | 531,535.138400  | 1,821,048.415600 |
| 211 - 212 | 25°28'25"SE | 43.54                 | 212             | 531,553.865400  | 1,821,009.107300 |
| 212 - 213 | 17°19'12"SE | 53.68                 | 213             | 531,569.847500  | 1,820,957.857800 |
| 213 - 214 | 25°03'45"SE | 20.74                 | 214             | 531,578.633700  | 1,820,939.069300 |
| 214 - 215 | 15°02'59"SE | 22.10                 | 215             | 531,584.372800  | 1,820,917.725000 |
| 215 - 216 | 00°28'45"SW | 16.97                 | 216             | 531,584.230900  | 1,820,900.759300 |
| 216 - 217 | 00°28'36"SW | 1.37                  | 217             | 531,584.219500  | 1,820,899.389100 |
| 217 - 218 | 21°09'35"SW | 0.24                  | 218             | 531,584.134500  | 1,820,899.169500 |
| 218 - 219 | 33°03'34"SE | 38.15                 | 219             | 531,604.947800  | 1,820,867.192700 |
| 219 - 220 | 24°33'29"SE | 42.18                 | 220             | 531,622.476600  | 1,820,828.832800 |
| 220 - 221 | 30°58'48"SE | 42.75                 | 221             | 531,644.479800  | 1,820,792.184600 |
| 221 - 222 | 31°56'18"SE | 28.76                 | 222             | 531,659.696200  | 1,820,767.774900 |
| 222 - 223 | 32°31'24"SE | 17.19                 | 223             | 531,668.937200  | 1,820,753.282500 |
| 223 - 224 | 32°31'24"SE | 11.70                 | 224             | 531,675.230000  | 1,820,743.413700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 224 - 225 | 33°44'11"SE | 14.46                 | 225             | 531,683.261300  | 1,820,731.387900 |
| 225 - 226 | 34°51'10"SE | 16.32                 | 226             | 531,692.590200  | 1,820,717.991800 |
| 226 - 227 | 34°51'13"SE | 1.47                  | 227             | 531,693.428400  | 1,820,716.788200 |
| 227 - 228 | 38°30'36"SE | 1.73                  | 228             | 531,694.505100  | 1,820,715.435100 |
| 228 - 229 | 32°20'36"SE | 2.52                  | 229             | 531,695.851100  | 1,820,713.309500 |
| 229 - 230 | 34°51'10"SE | 16.01                 | 230             | 531,705.001900  | 1,820,700.169200 |
| 230 - 231 | 30°46'43"SE | 18.43                 | 231             | 531,714.430500  | 1,820,684.339200 |
| 231 - 232 | 29°26'28"SE | 22.51                 | 232             | 531,725.496000  | 1,820,664.734200 |
| 232 - 233 | 31°29'37"SE | 19.30                 | 233             | 531,735.576100  | 1,820,648.281000 |
| 233 - 234 | 33°26'35"SE | 19.12                 | 234             | 531,746.113600  | 1,820,632.326300 |
| 234 - 235 | 33°26'36"SE | 14.49                 | 235             | 531,754.101600  | 1,820,620.231800 |
| 235 - 236 | 44°33'45"SE | 21.43                 | 236             | 531,769.138800  | 1,820,604.963200 |
| 236 - 237 | 49°04'33"SE | 1.27                  | 237             | 531,770.100900  | 1,820,604.129100 |
| 237 - 238 | 49°04'29"SE | 24.55                 | 238             | 531,788.649700  | 1,820,588.047300 |
| 238 - 239 | 46°19'48"SE | 23.79                 | 239             | 531,805.859300  | 1,820,571.618700 |
| 239 - 240 | 44°52'07"SE | 37.17                 | 240             | 531,832.079900  | 1,820,545.277700 |
| 240 - 241 | 39°53'58"SE | 32.59                 | 241             | 531,852.987100  | 1,820,520.272500 |
| 241 - 242 | 38°59'25"SE | 26.71                 | 242             | 531,869.790000  | 1,820,499.515500 |
| 242 - 243 | 38°01'50"SE | 23.91                 | 243             | 531,884.523000  | 1,820,480.679000 |
| 243 - 244 | 42°01'15"SE | 35.78                 | 244             | 531,908.474700  | 1,820,454.097400 |
| 244 - 245 | 39°22'51"SE | 13.91                 | 245             | 531,917.298900  | 1,820,443.347400 |
| 245 - 246 | 42°41'52"SE | 7.66                  | 246             | 531,922.494000  | 1,820,437.717100 |
| 246 - 247 | 39°12'18"SE | 19.85                 | 247             | 531,935.040600  | 1,820,422.336200 |
| 247 - 248 | 36°03'06"SE | 6.58                  | 248             | 531,938.915700  | 1,820,417.012700 |
| 248 - 249 | 39°22'50"SE | 23.95                 | 249             | 531,954.112000  | 1,820,398.499700 |
| 249 - 250 | 32°01'51"SE | 30.92                 | 250             | 531,970.510000  | 1,820,372.288900 |
| 250 - 251 | 33°44'26"SE | 2.45                  | 251             | 531,971.870400  | 1,820,370.252200 |
| 251 - 252 | 33°44'27"SE | 24.77                 | 252             | 531,985.631000  | 1,820,349.651000 |
| 252 - 253 | 42°17'17"SE | 22.43                 | 253             | 532,000.721900  | 1,820,333.059400 |
| 253 - 254 | 42°17'18"SE | 27.44                 | 254             | 532,019.186400  | 1,820,312.758900 |
| 254 - 255 | 44°09'34"SE | 8.62                  | 255             | 532,025.194900  | 1,820,306.571500 |
| 255 - 256 | 28°50'57"SE | 1.21                  | 256             | 532,025.779600  | 1,820,305.510100 |
| 256 - 257 | 42°17'15"SE | 2.92                  | 257             | 532,027.746100  | 1,820,303.348000 |
| 257 - 258 | 32°32'20"SE | 19.55                 | 258             | 532,038.263000  | 1,820,286.864600 |
| 258 - 259 | 32°32'20"SE | 28.27                 | 259             | 532,053.470100  | 1,820,263.030000 |
| 259 - 260 | 39°06'04"SE | 19.76                 | 260             | 532,065.931400  | 1,820,247.697000 |
| 260 - 261 | 42°09'20"SE | 16.07                 | 261             | 532,076.719900  | 1,820,235.780400 |
| 261 - 262 | 55°19'59"SE | 3.58                  | 262             | 532,079.667500  | 1,820,233.741900 |
| 262 - 263 | 33°46'23"SW | 0.84                  | 263             | 532,079.199300  | 1,820,233.041800 |
| 263 - 264 | 42°09'25"SE | 4.35                  | 264             | 532,082.117800  | 1,820,229.818300 |
| 264 - 265 | 42°09'20"SE | 5.75                  | 265             | 532,085.975700  | 1,820,225.557000 |
| 265 - 266 | 44°34'38"SE | 49.24                 | 266             | 532,120.534100  | 1,820,190.485000 |
| 266 - 267 | 42°51'17"SE | 12.05                 | 267             | 532,128.729000  | 1,820,181.652300 |
| 267 - 268 | 69°09'29"SE | 0.54                  | 268             | 532,129.237800  | 1,820,181.458600 |
| 268 - 269 | 42°11'54"SE | 78.58                 | 269             | 532,182.017900  | 1,820,123.246900 |
| 269 - 270 | 43°09'51"SE | 71.89                 | 270             | 532,231.199300  | 1,820,070.808600 |
| 270 - 271 | 44°48'15"SE | 16.45                 | 271             | 532,242.792300  | 1,820,059.136100 |
| 271 - 272 | 77°27'57"NE | 0.71                  | 272             | 532,243.481400  | 1,820,059.289300 |
| 272 - 273 | 42°35'54"SE | 13.42                 | 273             | 532,252.566900  | 1,820,049.408400 |
| 273 - 274 | 45°49'18"SE | 34.57                 | 274             | 532,277.361600  | 1,820,025.315000 |
| 274 - 275 | 43°26'37"SE | 21.33                 | 275             | 532,292.027700  | 1,820,009.829700 |
| 275 - 276 | 43°26'14"SE | 0.81                  | 276             | 532,292.587500  | 1,820,009.238500 |
| 276 - 277 | 43°26'36"SE | 18.56                 | 277             | 532,305.348300  | 1,819,995.764800 |
| 277 - 278 | 44°32'16"SE | 4.78                  | 278             | 532,308.699400  | 1,819,992.359200 |
| 278 - 279 | 25°54'22"SE | 16.30                 | 279             | 532,315.822300  | 1,819,977.694200 |
| 279 - 280 | 26°26'52"SE | 13.88                 | 280             | 532,322.002100  | 1,819,965.271200 |
| 280 - 281 | 25°07'34"SE | 11.47                 | 281             | 532,326.872000  | 1,819,954.887500 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 281 - 282 | 40°46'05"SE | 16.88                 | 282             | 532,337.895100  | 1,819,942.102800 |
| 282 - 283 | 40°21'57"SE | 24.43                 | 283             | 532,353.719300  | 1,819,923.487000 |
| 283 - 284 | 41°14'00"SE | 2.01                  | 284             | 532,355.041100  | 1,819,921.978900 |
| 284 - 285 | 42°04'55"SE | 49.11                 | 285             | 532,387.953500  | 1,819,885.531100 |
| 285 - 286 | 45°30'15"SE | 7.00                  | 286             | 532,392.949700  | 1,819,880.622100 |
| 286 - 287 | 45°30'16"SE | 32.51                 | 287             | 532,416.140800  | 1,819,857.836000 |
| 287 - 288 | 43°35'12"SE | 27.22                 | 288             | 532,434.909000  | 1,819,838.118300 |
| 288 - 289 | 47°59'16"SE | 3.18                  | 289             | 532,437.274600  | 1,819,835.987400 |
| 289 - 290 | 41°39'37"SE | 12.58                 | 290             | 532,445.634200  | 1,819,826.591700 |
| 290 - 291 | 45°47'19"SE | 14.35                 | 291             | 532,455.918100  | 1,819,816.587100 |
| 291 - 292 | 46°37'37"SE | 16.59                 | 292             | 532,467.977900  | 1,819,805.193500 |
| 292 - 293 | 46°58'52"SE | 13.17                 | 293             | 532,477.606800  | 1,819,796.208500 |
| 293 - 294 | 45°15'47"SE | 7.37                  | 294             | 532,482.842400  | 1,819,791.020800 |
| 294 - 295 | 46°03'46"SE | 7.08                  | 295             | 532,487.937500  | 1,819,786.111300 |
| 295 - 296 | 44°01'03"SE | 7.57                  | 296             | 532,493.196800  | 1,819,780.668500 |
| 296 - 297 | 44°16'44"SE | 17.24                 | 297             | 532,505.234600  | 1,819,768.323900 |
| 297 - 298 | 44°38'41"SE | 24.38                 | 298             | 532,522.367700  | 1,819,750.977000 |
| 298 - 299 | 45°30'18"SE | 27.29                 | 299             | 532,541.837400  | 1,819,731.847600 |
| 299 - 300 | 45°15'49"SE | 9.25                  | 300             | 532,548.405400  | 1,819,725.339800 |
| 300 - 301 | 49°47'27"SE | 19.80                 | 301             | 532,563.524500  | 1,819,712.559100 |
| 301 - 302 | 49°51'35"SE | 13.76                 | 302             | 532,574.040200  | 1,819,703.691500 |
| 302 - 303 | 49°59'10"SE | 10.19                 | 303             | 532,581.845100  | 1,819,697.139200 |
| 303 - 304 | 49°32'42"SE | 5.07                  | 304             | 532,585.700900  | 1,819,693.851300 |
| 304 - 305 | 49°21'51"SE | 2.19                  | 305             | 532,587.360100  | 1,819,692.427400 |
| 305 - 306 | 48°55'24"SE | 0.84                  | 306             | 532,587.991100  | 1,819,691.877400 |
| 306 - 307 | 50°13'51"SE | 0.38                  | 307             | 532,588.283200  | 1,819,691.634300 |
| 307 - 308 | 79°53'21"SE | 0.03                  | 308             | 532,588.311800  | 1,819,691.629200 |
| 308 - 309 | 46°39'46"SE | 0.48                  | 309             | 532,588.664500  | 1,819,691.296400 |
| 309 - 310 | 49°09'48"SE | 45.91                 | 310             | 532,623.402300  | 1,819,661.273000 |
| 310 - 311 | 48°10'13"SE | 52.98                 | 311             | 532,662.880000  | 1,819,625.939000 |
| 311 - 312 | 46°04'57"SE | 40.93                 | 312             | 532,692.364000  | 1,819,597.548600 |
| 312 - 313 | 48°22'24"SE | 4.85                  | 313             | 532,695.987500  | 1,819,594.328500 |
| 313 - 314 | 38°37'43"SE | 2.53                  | 314             | 532,697.565500  | 1,819,592.353800 |
| 314 - 315 | 47°46'36"SE | 13.51                 | 315             | 532,707.568200  | 1,819,583.276500 |
| 315 - 316 | 47°24'59"SE | 8.76                  | 316             | 532,714.018600  | 1,819,577.348500 |
| 316 - 317 | 47°48'28"SE | 11.86                 | 317             | 532,722.806000  | 1,819,569.382800 |
| 317 - 318 | 46°54'48"SE | 16.00                 | 318             | 532,734.491800  | 1,819,558.452600 |
| 318 - 319 | 47°18'31"SE | 11.07                 | 319             | 532,742.625000  | 1,819,550.949800 |
| 319 - 320 | 47°45'09"SE | 22.73                 | 320             | 532,759.452000  | 1,819,535.666700 |
| 320 - 321 | 48°30'07"SE | 13.98                 | 321             | 532,769.921700  | 1,819,526.404600 |
| 321 - 322 | 56°45'33"SE | 14.86                 | 322             | 532,782.350200  | 1,819,518.259000 |
| 322 - 323 | 56°52'17"SE | 9.48                  | 323             | 532,790.293200  | 1,819,513.075400 |
| 323 - 324 | 56°49'05"SE | 5.73                  | 324             | 532,795.088200  | 1,819,509.939800 |
| 324 - 325 | 56°28'10"SE | 2.01                  | 325             | 532,796.764500  | 1,819,508.829000 |
| 325 - 326 | 57°11'50"SE | 0.58                  | 326             | 532,797.249200  | 1,819,508.516600 |
| 326 - 327 | 55°38'32"SE | 0.50                  | 327             | 532,797.663900  | 1,819,508.233100 |
| 327 - 328 | 60°22'02"SE | 0.24                  | 328             | 532,797.873100  | 1,819,508.114100 |
| 328 - 329 | 52°33'17"SE | 0.13                  | 329             | 532,797.974300  | 1,819,508.036600 |
| 329 - 330 | 56°37'48"SE | 13.10                 | 330             | 532,808.917700  | 1,819,500.829000 |
| 330 - 331 | 49°33'35"SE | 17.73                 | 331             | 532,822.411800  | 1,819,489.328300 |
| 331 - 332 | 52°33'54"SE | 7.85                  | 332             | 532,828.641300  | 1,819,484.559500 |
| 332 - 333 | 43°10'51"SE | 7.96                  | 333             | 532,834.087900  | 1,819,478.755600 |
| 333 - 334 | 51°31'24"SE | 21.73                 | 334             | 532,851.099000  | 1,819,465.235700 |
| 334 - 335 | 46°56'54"SE | 17.91                 | 335             | 532,864.187200  | 1,819,453.008700 |
| 335 - 336 | 49°31'47"SE | 17.69                 | 336             | 532,877.647700  | 1,819,441.524500 |
| 336 - 337 | 47°33'15"SE | 9.88                  | 337             | 532,884.939600  | 1,819,434.855400 |
| 337 - 338 | 52°18'17"SE | 23.62                 | 338             | 532,903.632600  | 1,819,420.410300 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 338 - 339 | 51°04'22"SE | 22.11                 | 339             | 532,920.831100  | 1,819,406.519500 |
| 339 - 340 | 50°10'41"SE | 24.58                 | 340             | 532,939.712700  | 1,819,390.775700 |
| 340 - 341 | 50°47'19"SE | 24.61                 | 341             | 532,958.781000  | 1,819,375.217800 |
| 341 - 342 | 52°00'36"SE | 32.49                 | 342             | 532,984.390900  | 1,819,355.216400 |
| 342 - 343 | 52°41'23"SE | 6.11                  | 343             | 532,989.250900  | 1,819,351.512700 |
| 343 - 344 | 59°48'57"SE | 13.62                 | 344             | 533,001.024200  | 1,819,344.664900 |
| 344 - 345 | 57°26'13"SE | 16.85                 | 345             | 533,015.228000  | 1,819,335.594100 |
| 345 - 346 | 59°39'50"SE | 9.53                  | 346             | 533,023.450700  | 1,819,330.782200 |
| 346 - 347 | 62°58'27"SE | 2.79                  | 347             | 533,025.933400  | 1,819,329.515800 |
| 347 - 348 | 51°41'42"SE | 1.33                  | 348             | 533,026.977600  | 1,819,328.691000 |
| 348 - 349 | 58°33'20"SE | 11.61                 | 349             | 533,036.885000  | 1,819,322.633000 |
| 349 - 350 | 52°48'41"SE | 57.07                 | 350             | 533,082.349500  | 1,819,288.138000 |
| 350 - 351 | 42°38'29"SE | 18.37                 | 351             | 533,094.796000  | 1,819,274.622200 |
| 351 - 352 | 50°15'47"SE | 1.53                  | 352             | 533,095.976200  | 1,819,273.641100 |
| 352 - 353 | 38°48'05"SE | 9.86                  | 353             | 533,102.155100  | 1,819,265.956500 |
| 353 - 354 | 44°23'49"SE | 17.37                 | 354             | 533,114.310500  | 1,819,253.542500 |
| 354 - 355 | 54°03'14"SE | 22.40                 | 355             | 533,132.441600  | 1,819,240.395600 |
| 355 - 356 | 53°50'04"SE | 23.85                 | 356             | 533,151.694500  | 1,819,226.322400 |
| 356 - 357 | 51°19'04"SE | 10.30                 | 357             | 533,159.733000  | 1,819,219.886500 |
| 357 - 358 | 52°36'13"SE | 7.47                  | 358             | 533,165.668100  | 1,819,215.349400 |
| 358 - 359 | 52°22'58"SE | 3.49                  | 359             | 533,168.433800  | 1,819,213.218200 |
| 359 - 360 | 47°52'16"SE | 0.34                  | 360             | 533,168.688200  | 1,819,212.988100 |
| 360 - 361 | 52°18'13"SE | 1.78                  | 361             | 533,170.096100  | 1,819,211.900100 |
| 361 - 362 | 51°59'31"SE | 1.72                  | 362             | 533,171.451300  | 1,819,210.841000 |
| 362 - 363 | 53°23'13"SE | 0.55                  | 363             | 533,171.895300  | 1,819,210.511100 |
| 363 - 364 | 49°20'12"SE | 0.23                  | 364             | 533,172.070500  | 1,819,210.360600 |
| 364 - 365 | 89°34'43"SE | 0.03                  | 365             | 533,172.097700  | 1,819,210.360400 |
| 365 - 366 | 50°15'59"SE | 0.33                  | 366             | 533,172.347700  | 1,819,210.152600 |
| 366 - 367 | 52°07'58"SE | 15.94                 | 367             | 533,184.930200  | 1,819,200.369000 |
| 367 - 368 | 48°28'43"SE | 16.71                 | 368             | 533,197.438100  | 1,819,189.294700 |
| 368 - 369 | 50°15'36"SE | 1.28                  | 369             | 533,198.423800  | 1,819,188.475200 |
| 369 - 370 | 43°27'48"SE | 0.75                  | 370             | 533,198.939000  | 1,819,187.931600 |
| 370 - 371 | 49°34'23"SE | 1.64                  | 371             | 533,200.189300  | 1,819,186.866500 |
| 371 - 372 | 48°54'28"SE | 2.20                  | 372             | 533,201.848600  | 1,819,185.419400 |
| 372 - 373 | 47°57'18"SE | 2.63                  | 373             | 533,203.800100  | 1,819,183.659500 |
| 373 - 374 | 48°26'41"SE | 2.37                  | 374             | 533,205.576300  | 1,819,182.085000 |
| 374 - 375 | 48°39'38"SE | 5.56                  | 375             | 533,209.748000  | 1,819,178.415000 |
| 375 - 376 | 48°23'55"SE | 6.47                  | 376             | 533,214.585700  | 1,819,174.119700 |
| 376 - 377 | 48°30'22"SE | 7.57                  | 377             | 533,220.253100  | 1,819,169.106700 |
| 377 - 378 | 48°27'28"SE | 5.76                  | 378             | 533,224.565100  | 1,819,165.286100 |
| 378 - 379 | 48°30'01"SE | 6.85                  | 379             | 533,229.694900  | 1,819,160.747700 |
| 379 - 380 | 47°18'42"SE | 0.46                  | 380             | 533,230.033800  | 1,819,160.435100 |
| 380 - 381 | 53°13'36"SE | 6.59                  | 381             | 533,235.314600  | 1,819,156.488400 |
| 381 - 382 | 52°29'03"SE | 1.77                  | 382             | 533,236.716600  | 1,819,155.412000 |
| 382 - 383 | 53°31'23"SE | 2.98                  | 383             | 533,239.111600  | 1,819,153.641300 |
| 383 - 384 | 53°02'08"SE | 6.81                  | 384             | 533,244.555800  | 1,819,149.544100 |
| 384 - 385 | 52°34'33"SE | 2.46                  | 385             | 533,246.507000  | 1,819,148.051000 |
| 385 - 386 | 53°40'18"SE | 1.41                  | 386             | 533,247.640100  | 1,819,147.217800 |
| 386 - 387 | 52°21'44"SE | 1.30                  | 387             | 533,248.668300  | 1,819,146.424900 |
| 387 - 388 | 53°03'36"SE | 0.61                  | 388             | 533,249.153200  | 1,819,146.060300 |
| 388 - 389 | 54°53'38"SE | 0.46                  | 389             | 533,249.530600  | 1,819,145.795000 |
| 389 - 390 | 50°04'21"SE | 0.22                  | 390             | 533,249.696800  | 1,819,145.655900 |
| 390 - 391 | 53°02'24"SE | 22.36                 | 391             | 533,267.560800  | 1,819,132.214000 |
| 391 - 392 | 48°37'15"SE | 45.18                 | 392             | 533,301.460200  | 1,819,102.349700 |
| 392 - 393 | 50°05'00"SE | 10.01                 | 393             | 533,309.134200  | 1,819,095.929500 |
| 393 - 394 | 52°00'46"SE | 37.66                 | 394             | 533,338.813900  | 1,819,072.752000 |
| 394 - 395 | 52°15'56"SE | 47.51                 | 395             | 533,376.387200  | 1,819,043.676000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 395 - 396 | 50°32'51"SE | 49.09                 | 396             | 533,414.294100  | 1,819,012.481000 |
| 396 - 397 | 54°35'13"SE | 17.79                 | 397             | 533,428.789900  | 1,819,002.174500 |
| 397 - 398 | 54°35'03"SE | 0.23                  | 398             | 533,428.976800  | 1,819,002.041600 |
| 398 - 399 | 54°35'13"SE | 29.06                 | 399             | 533,452.658300  | 1,818,985.204000 |
| 399 - 400 | 49°09'01"SE | 54.20                 | 400             | 533,493.655900  | 1,818,949.754000 |
| 400 - 401 | 50°04'42"SE | 11.26                 | 401             | 533,502.287700  | 1,818,942.531200 |
| 401 - 402 | 51°54'55"SE | 47.60                 | 402             | 533,539.753600  | 1,818,913.170400 |
| 402 - 403 | 56°14'54"SE | 30.78                 | 403             | 533,565.341800  | 1,818,896.072000 |
| 403 - 404 | 50°26'16"SE | 47.22                 | 404             | 533,601.745100  | 1,818,865.997200 |
| 404 - 405 | 52°51'16"SE | 103.47                | 405             | 533,684.224600  | 1,818,803.515600 |
| 405 - 406 | 53°20'49"SE | 8.19                  | 406             | 533,690.797100  | 1,818,798.625000 |
| 406 - 407 | 51°05'10"SE | 2.28                  | 407             | 533,692.571300  | 1,818,797.192700 |
| 407 - 408 | 52°51'15"SE | 4.68                  | 408             | 533,696.301900  | 1,818,794.366600 |
| 408 - 409 | 47°19'16"SE | 3.67                  | 409             | 533,698.999700  | 1,818,791.879000 |
| 409 - 410 | 52°51'19"SE | 5.98                  | 410             | 533,703.766600  | 1,818,788.268000 |
| 410 - 411 | 50°30'14"SE | 7.21                  | 411             | 533,709.328500  | 1,818,783.683800 |
| 411 - 412 | 51°32'40"SE | 7.22                  | 412             | 533,714.983600  | 1,818,779.192700 |
| 412 - 413 | 50°06'32"SE | 5.85                  | 413             | 533,719.470700  | 1,818,775.442100 |
| 413 - 414 | 51°48'52"SE | 9.81                  | 414             | 533,727.182200  | 1,818,769.376900 |
| 414 - 415 | 49°57'23"SE | 8.85                  | 415             | 533,733.959500  | 1,818,763.681300 |
| 415 - 416 | 52°59'36"SE | 2.69                  | 416             | 533,736.109200  | 1,818,762.061000 |
| 416 - 417 | 58°40'20"SE | 5.25                  | 417             | 533,740.594700  | 1,818,759.330800 |
| 417 - 418 | 61°40'47"SE | 1.10                  | 418             | 533,741.565200  | 1,818,758.807800 |
| 418 - 419 | 50°01'29"SE | 0.51                  | 419             | 533,741.956200  | 1,818,758.480000 |
| 419 - 420 | 58°42'21"SE | 10.94                 | 420             | 533,751.304000  | 1,818,752.797800 |
| 420 - 421 | 47°42'07"SE | 24.64                 | 421             | 533,769.529600  | 1,818,736.215000 |
| 421 - 422 | 45°18'11"SE | 7.90                  | 422             | 533,775.145400  | 1,818,730.658300 |
| 422 - 423 | 50°01'38"SE | 8.06                  | 423             | 533,781.325300  | 1,818,725.477800 |
| 423 - 424 | 40°26'37"SE | 17.19                 | 424             | 533,792.473700  | 1,818,712.398700 |
| 424 - 425 | 55°33'35"SE | 29.46                 | 425             | 533,816.772800  | 1,818,695.735700 |
| 425 - 426 | 51°45'42"SE | 20.95                 | 426             | 533,833.224200  | 1,818,682.771900 |
| 426 - 427 | 50°54'41"SE | 24.09                 | 427             | 533,851.919600  | 1,818,667.584800 |
| 427 - 428 | 52°10'22"SE | 17.51                 | 428             | 533,865.753500  | 1,818,656.843600 |
| 428 - 429 | 55°48'56"SE | 15.82                 | 429             | 533,878.837600  | 1,818,647.956900 |
| 429 - 430 | 49°39'50"SE | 10.30                 | 430             | 533,886.690200  | 1,818,641.288900 |
| 430 - 431 | 74°30'11"SE | 2.77                  | 431             | 533,889.363800  | 1,818,640.547600 |
| 431 - 432 | 54°50'40"SE | 9.13                  | 432             | 533,896.825400  | 1,818,635.292700 |
| 432 - 433 | 55°11'49"SE | 3.80                  | 433             | 533,899.943700  | 1,818,633.125200 |
| 433 - 434 | 55°11'44"SE | 2.69                  | 434             | 533,902.152500  | 1,818,631.589800 |
| 434 - 435 | 55°05'51"SE | 6.55                  | 435             | 533,907.526500  | 1,818,627.840500 |
| 435 - 436 | 41°19'28"SE | 0.78                  | 436             | 533,908.042200  | 1,818,627.254000 |
| 436 - 437 | 61°05'02"SE | 25.63                 | 437             | 533,930.480500  | 1,818,614.859200 |
| 437 - 438 | 49°20'01"SE | 26.92                 | 438             | 533,950.896900  | 1,818,597.319300 |
| 438 - 439 | 42°18'00"SE | 10.37                 | 439             | 533,957.878000  | 1,818,589.647200 |
| 439 - 440 | 82°16'49"SE | 0.69                  | 440             | 533,958.560400  | 1,818,589.554700 |
| 440 - 441 | 48°50'34"SE | 8.44                  | 441             | 533,964.917600  | 1,818,583.997800 |
| 441 - 442 | 47°49'19"SE | 14.76                 | 442             | 533,975.856100  | 1,818,574.087100 |
| 442 - 443 | 48°10'37"SE | 15.56                 | 443             | 533,987.448900  | 1,818,563.713600 |
| 443 - 444 | 47°45'21"SE | 19.70                 | 444             | 534,002.033700  | 1,818,550.468500 |
| 444 - 445 | 50°42'45"SE | 21.50                 | 445             | 534,018.673000  | 1,818,536.855500 |
| 445 - 446 | 50°17'36"SE | 16.53                 | 446             | 534,031.386400  | 1,818,526.298200 |
| 446 - 447 | 49°47'09"SE | 14.20                 | 447             | 534,042.230500  | 1,818,517.129700 |
| 447 - 448 | 45°16'09"SE | 2.42                  | 448             | 534,043.951100  | 1,818,515.425200 |
| 448 - 449 | 52°39'40"SE | 9.01                  | 449             | 534,051.112500  | 1,818,509.962000 |
| 449 - 450 | 57°18'06"SE | 2.09                  | 450             | 534,052.874500  | 1,818,508.830900 |
| 450 - 451 | 48°40'40"SE | 6.36                  | 451             | 534,057.654500  | 1,818,504.628300 |
| 451 - 452 | 51°19'40"SE | 21.19                 | 452             | 534,074.199800  | 1,818,491.386300 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 452 - 453 | 59°36'55"SE | 16.47                 | 453             | 534,088.403600  | 1,818,483.058100 |
| 453 - 454 | 60°24'42"SE | 15.37                 | 454             | 534,101.765900  | 1,818,475.470900 |
| 454 - 455 | 58°40'25"SE | 10.50                 | 455             | 534,110.736900  | 1,818,470.010800 |
| 455 - 456 | 59°05'54"SE | 9.91                  | 456             | 534,119.240700  | 1,818,464.921100 |
| 456 - 457 | 58°07'30"SE | 4.73                  | 457             | 534,123.259100  | 1,818,462.422300 |
| 457 - 458 | 54°25'12"SE | 4.14                  | 458             | 534,126.623800  | 1,818,460.015200 |
| 458 - 459 | 60°36'22"SE | 2.89                  | 459             | 534,129.140100  | 1,818,458.597700 |
| 459 - 460 | 51°35'50"SE | 0.54                  | 460             | 534,129.565500  | 1,818,458.260500 |
| 460 - 461 | 57°06'30"SE | 17.93                 | 461             | 534,144.621600  | 1,818,448.523400 |
| 461 - 462 | 49°19'10"SE | 25.97                 | 462             | 534,164.318700  | 1,818,431.592900 |
| 462 - 463 | 46°14'30"SE | 7.33                  | 463             | 534,169.613900  | 1,818,426.522400 |
| 463 - 464 | 51°35'50"SE | 0.80                  | 464             | 534,170.240900  | 1,818,426.025400 |
| 464 - 465 | 39°17'00"SE | 1.61                  | 465             | 534,171.258500  | 1,818,424.781400 |
| 465 - 466 | 47°41'15"SE | 4.68                  | 466             | 534,174.717800  | 1,818,421.632300 |
| 466 - 467 | 46°26'12"SE | 3.23                  | 467             | 534,177.055300  | 1,818,419.409200 |
| 467 - 468 | 55°24'39"SE | 4.48                  | 468             | 534,180.747000  | 1,818,416.863500 |
| 468 - 469 | 53°48'55"SE | 3.76                  | 469             | 534,183.784700  | 1,818,414.641500 |
| 469 - 470 | 54°05'59"SE | 3.00                  | 470             | 534,186.214800  | 1,818,412.882400 |
| 470 - 471 | 54°22'35"SE | 2.70                  | 471             | 534,188.411300  | 1,818,411.308500 |
| 471 - 472 | 54°36'13"SE | 2.64                  | 472             | 534,190.561000  | 1,818,409.781000 |
| 472 - 473 | 56°33'44"SE | 1.28                  | 473             | 534,191.627300  | 1,818,409.076900 |
| 473 - 474 | 51°36'21"SE | 1.60                  | 474             | 534,192.882700  | 1,818,408.082100 |
| 474 - 475 | 54°17'36"SE | 9.04                  | 475             | 534,200.220100  | 1,818,402.808400 |
| 475 - 476 | 55°49'32"SE | 0.87                  | 476             | 534,200.942400  | 1,818,402.318000 |
| 476 - 477 | 63°50'18"SE | 23.07                 | 477             | 534,221.649800  | 1,818,392.145900 |
| 477 - 478 | 58°48'57"SE | 15.75                 | 478             | 534,235.123600  | 1,818,383.991000 |
| 478 - 479 | 46°25'00"SE | 19.69                 | 479             | 534,249.383300  | 1,818,370.419700 |
| 479 - 480 | 48°29'11"SE | 18.26                 | 480             | 534,263.056900  | 1,818,358.316600 |
| 480 - 481 | 47°51'26"SE | 2.29                  | 481             | 534,264.752400  | 1,818,356.782300 |
| 481 - 482 | 51°02'06"SE | 2.07                  | 482             | 534,266.363000  | 1,818,355.479700 |
| 482 - 483 | 44°08'45"SE | 2.45                  | 483             | 534,268.068200  | 1,818,353.722900 |
| 483 - 484 | 48°09'53"SE | 5.21                  | 484             | 534,271.948100  | 1,818,350.249600 |
| 484 - 485 | 48°16'49"SE | 6.89                  | 485             | 534,277.090200  | 1,818,345.665000 |
| 485 - 486 | 47°41'43"SE | 5.44                  | 486             | 534,281.110400  | 1,818,342.006300 |
| 486 - 487 | 50°40'39"SE | 3.14                  | 487             | 534,283.541000  | 1,818,340.015300 |
| 487 - 488 | 51°41'30"SE | 9.41                  | 488             | 534,290.925600  | 1,818,334.181600 |
| 488 - 489 | 51°33'34"SE | 9.31                  | 489             | 534,298.216900  | 1,818,328.394200 |
| 489 - 490 | 49°30'08"SE | 3.57                  | 490             | 534,300.928000  | 1,818,326.078900 |
| 490 - 491 | 55°21'15"SE | 4.89                  | 491             | 534,304.946900  | 1,818,323.301700 |
| 491 - 492 | 52°41'38"SE | 6.11                  | 492             | 534,309.807500  | 1,818,319.598100 |
| 492 - 493 | 54°19'47"SE | 3.97                  | 493             | 534,313.032000  | 1,818,317.283600 |
| 493 - 494 | 54°43'07"SE | 2.40                  | 494             | 534,314.994700  | 1,818,315.894900 |
| 494 - 495 | 51°26'14"SE | 2.45                  | 495             | 534,316.911100  | 1,818,314.367100 |
| 495 - 496 | 71°35'09"SE | 0.52                  | 496             | 534,317.407300  | 1,818,314.201900 |
| 496 - 497 | 51°02'10"SE | 2.60                  | 497             | 534,319.431200  | 1,818,312.565100 |
| 497 - 498 | 53°38'38"SE | 0.44                  | 498             | 534,319.783200  | 1,818,312.306000 |
| 498 - 499 | 55°00'21"SE | 20.63                 | 499             | 534,336.683300  | 1,818,300.475000 |
| 499 - 500 | 55°37'57"SE | 18.21                 | 500             | 534,351.718300  | 1,818,290.192900 |
| 500 - 501 | 55°17'12"SE | 14.24                 | 501             | 534,363.425000  | 1,818,282.082800 |
| 501 - 502 | 53°58'27"SE | 15.86                 | 502             | 534,376.250100  | 1,818,272.756000 |
| 502 - 503 | 48°58'35"SE | 15.51                 | 503             | 534,387.951200  | 1,818,262.576000 |
| 503 - 504 | 53°42'15"SE | 20.44                 | 504             | 534,404.421400  | 1,818,250.479300 |
| 504 - 505 | 56°16'31"SE | 21.35                 | 505             | 534,422.175400  | 1,818,238.627800 |
| 505 - 506 | 43°09'16"SE | 15.07                 | 506             | 534,432.483300  | 1,818,227.633600 |
| 506 - 507 | 53°06'06"SE | 0.24                  | 507             | 534,432.677500  | 1,818,227.487800 |
| 507 - 508 | 39°19'42"SE | 1.55                  | 508             | 534,433.657900  | 1,818,226.291200 |
| 508 - 509 | 49°17'31"SE | 1.17                  | 509             | 534,434.546000  | 1,818,225.527100 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 509 - 510 | 53°02'07"SE | 5.24                  | 510             | 534,438.728900  | 1,818,222.379100 |
| 510 - 511 | 53°18'28"SE | 6.35                  | 511             | 534,443.823100  | 1,818,218.583100 |
| 511 - 512 | 52°52'36"SE | 6.21                  | 512             | 534,448.777200  | 1,818,214.833200 |
| 512 - 513 | 52°40'11"SE | 13.67                 | 513             | 534,459.643500  | 1,818,206.546300 |
| 513 - 514 | 52°32'08"SE | 13.40                 | 514             | 534,470.276200  | 1,818,198.398100 |
| 514 - 515 | 49°09'09"SE | 15.79                 | 515             | 534,482.219500  | 1,818,188.071700 |
| 515 - 516 | 49°20'35"SE | 7.64                  | 516             | 534,488.015800  | 1,818,183.093700 |
| 516 - 517 | 54°19'16"SE | 7.74                  | 517             | 534,494.301500  | 1,818,178.580500 |
| 517 - 518 | 54°09'45"SE | 12.77                 | 518             | 534,504.653000  | 1,818,171.104500 |
| 518 - 519 | 54°06'08"SE | 13.50                 | 519             | 534,515.588900  | 1,818,163.188900 |
| 519 - 520 | 53°40'40"SE | 2.81                  | 520             | 534,517.855600  | 1,818,161.522500 |
| 520 - 521 | 53°44'10"SE | 2.68                  | 521             | 534,520.017000  | 1,818,159.936900 |
| 521 - 522 | 54°09'43"SE | 0.69                  | 522             | 534,520.577900  | 1,818,159.531800 |
| 522 - 523 | 70°44'28"SE | 0.12                  | 523             | 534,520.692100  | 1,818,159.491900 |
| 523 - 524 | 51°45'10"SE | 0.72                  | 524             | 534,521.254100  | 1,818,159.048900 |
| 524 - 525 | 53°51'16"SE | 7.59                  | 525             | 534,527.379300  | 1,818,154.574900 |
| 525 - 526 | 55°56'47"SE | 19.95                 | 526             | 534,543.908500  | 1,818,143.403300 |
| 526 - 527 | 48°34'34"SE | 18.67                 | 527             | 534,557.910200  | 1,818,131.048800 |
| 527 - 528 | 47°50'44"SE | 10.28                 | 528             | 534,565.531300  | 1,818,124.149500 |
| 528 - 529 | 51°45'17"SE | 1.47                  | 529             | 534,566.688500  | 1,818,123.237400 |
| 529 - 530 | 44°10'30"SE | 2.81                  | 530             | 534,568.649800  | 1,818,121.218800 |
| 530 - 531 | 49°49'12"SE | 3.73                  | 531             | 534,571.501200  | 1,818,118.810900 |
| 531 - 532 | 47°52'16"SE | 1.45                  | 532             | 534,572.576400  | 1,818,117.838400 |
| 532 - 533 | 53°38'21"SE | 4.29                  | 533             | 534,576.034800  | 1,818,115.292300 |
| 533 - 534 | 52°14'40"SE | 6.50                  | 534             | 534,581.176000  | 1,818,111.310800 |
| 534 - 535 | 51°55'50"SE | 5.11                  | 535             | 534,585.195600  | 1,818,108.162500 |
| 535 - 536 | 55°30'02"SE | 2.78                  | 536             | 534,587.485400  | 1,818,106.588800 |
| 536 - 537 | 51°24'45"SE | 2.15                  | 537             | 534,589.168000  | 1,818,105.246200 |
| 537 - 538 | 72°20'05"SE | 0.61                  | 538             | 534,589.748900  | 1,818,105.061200 |
| 538 - 539 | 51°45'21"SE | 1.80                  | 539             | 534,591.160400  | 1,818,103.948700 |
| 539 - 540 | 55°05'22"SE | 10.15                 | 540             | 534,599.483200  | 1,818,098.140400 |
| 540 - 541 | 58°27'55"SE | 18.73                 | 541             | 534,615.450700  | 1,818,088.342200 |
| 541 - 542 | 56°16'34"SE | 18.03                 | 542             | 534,630.447400  | 1,818,078.331700 |
| 542 - 543 | 56°41'44"SE | 17.97                 | 543             | 534,645.464700  | 1,818,068.465600 |
| 543 - 544 | 55°40'07"SE | 18.97                 | 544             | 534,661.128400  | 1,818,057.768000 |
| 544 - 545 | 55°42'17"SE | 21.18                 | 545             | 534,678.622800  | 1,818,045.836300 |
| 545 - 546 | 50°33'03"SE | 17.95                 | 546             | 534,692.483200  | 1,818,034.431400 |
| 546 - 547 | 56°21'33"SE | 4.54                  | 547             | 534,696.259300  | 1,818,031.918700 |
| 547 - 548 | 46°05'16"SE | 10.73                 | 548             | 534,703.991400  | 1,818,024.474800 |
| 548 - 549 | 51°14'43"SE | 13.91                 | 549             | 534,714.835300  | 1,818,015.770200 |
| 549 - 550 | 62°26'11"SE | 11.59                 | 550             | 534,725.113600  | 1,818,010.405200 |
| 550 - 551 | 57°00'39"SE | 13.26                 | 551             | 534,736.235200  | 1,818,003.185800 |
| 551 - 552 | 55°02'28"SE | 19.39                 | 552             | 534,752.124500  | 1,817,992.077000 |
| 552 - 553 | 49°03'18"SE | 18.94                 | 553             | 534,766.428700  | 1,817,979.666700 |
| 553 - 554 | 51°05'30"SE | 9.73                  | 554             | 534,774.000800  | 1,817,973.555000 |
| 554 - 555 | 51°03'30"SE | 9.13                  | 555             | 534,781.105500  | 1,817,967.813700 |
| 555 - 556 | 61°11'13"SE | 2.02                  | 556             | 534,782.873700  | 1,817,966.841100 |
| 556 - 557 | 43°17'39"SE | 1.24                  | 557             | 534,783.727300  | 1,817,965.935100 |
| 557 - 558 | 52°17'07"SE | 0.14                  | 558             | 534,783.838900  | 1,817,965.848800 |
| 558 - 559 | 58°23'09"SE | 20.75                 | 559             | 534,801.513600  | 1,817,954.969300 |
| 559 - 560 | 62°15'03"SE | 19.09                 | 560             | 534,818.404500  | 1,817,946.082900 |
| 560 - 561 | 49°29'18"SE | 21.68                 | 561             | 534,834.889600  | 1,817,931.997500 |
| 561 - 562 | 47°10'21"SE | 22.18                 | 562             | 534,851.154000  | 1,817,916.922100 |
| 562 - 563 | 49°42'02"SE | 21.85                 | 563             | 534,867.816500  | 1,817,902.791600 |
| 563 - 564 | 47°22'43"SE | 21.03                 | 564             | 534,883.293800  | 1,817,888.548900 |
| 564 - 565 | 43°50'48"SE | 9.57                  | 565             | 534,889.920600  | 1,817,881.649800 |
| 565 - 566 | 48°24'51"SE | 1.75                  | 566             | 534,891.231400  | 1,817,880.486600 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 566 - 567 | 42°38'46"SE | 5.72                  | 567             | 534,895.107500  | 1,817,876.278200 |
| 567 - 568 | 44°04'35"SE | 3.16                  | 568             | 534,897.305200  | 1,817,874.008500 |
| 568 - 569 | 50°47'35"SE | 5.13                  | 569             | 534,901.278200  | 1,817,870.767400 |
| 569 - 570 | 49°29'25"SE | 4.92                  | 570             | 534,905.017900  | 1,817,867.572300 |
| 570 - 571 | 51°01'12"SE | 4.27                  | 571             | 534,908.336600  | 1,817,864.886800 |
| 571 - 572 | 50°10'00"SE | 3.47                  | 572             | 534,911.001000  | 1,817,862.664300 |
| 572 - 573 | 52°01'43"SE | 1.93                  | 573             | 534,912.519300  | 1,817,861.479300 |
| 573 - 574 | 42°15'57"SE | 0.56                  | 574             | 534,912.894200  | 1,817,861.066800 |
| 574 - 575 | 51°47'03"SE | 3.48                  | 575             | 534,915.628500  | 1,817,858.913900 |
| 575 - 576 | 50°09'56"SE | 1.73                  | 576             | 534,916.960700  | 1,817,857.802600 |
| 576 - 577 | 53°58'06"SE | 3.70                  | 577             | 534,919.951700  | 1,817,855.627000 |
| 577 - 578 | 53°43'57"SE | 3.13                  | 578             | 534,922.475500  | 1,817,853.775300 |
| 578 - 579 | 55°31'03"SE | 1.19                  | 579             | 534,923.459300  | 1,817,853.099600 |
| 579 - 580 | 48°55'00"SE | 0.28                  | 580             | 534,923.673100  | 1,817,852.913200 |
| 580 - 581 | 53°49'10"SE | 0.47                  | 581             | 534,924.052800  | 1,817,852.635500 |
| 581 - 582 | 53°14'36"SE | 0.44                  | 582             | 534,924.409200  | 1,817,852.369300 |
| 582 - 583 | 63°37'20"SE | 0.14                  | 583             | 534,924.531600  | 1,817,852.308600 |
| 583 - 584 | 52°11'39"SE | 0.33                  | 584             | 534,924.789000  | 1,817,852.108900 |
| 584 - 585 | 53°53'00"SE | 2.03                  | 585             | 534,926.430600  | 1,817,850.911100 |
| 585 - 586 | 53°05'08"SE | 0.88                  | 586             | 534,927.131600  | 1,817,850.384500 |
| 586 - 587 | 53°27'46"SE | 0.98                  | 587             | 534,927.920300  | 1,817,849.800100 |
| 587 - 588 | 55°13'07"SE | 0.55                  | 588             | 534,928.370100  | 1,817,849.487700 |
| 588 - 589 | 53°12'47"SE | 0.39                  | 589             | 534,928.679700  | 1,817,849.256200 |
| 589 - 590 | 75°39'02"SE | 0.04                  | 590             | 534,928.714100  | 1,817,849.247400 |
| 590 - 591 | 52°54'38"SE | 0.87                  | 591             | 534,929.409600  | 1,817,848.721600 |
| 591 - 592 | 53°47'01"SE | 9.51                  | 592             | 534,937.080000  | 1,817,843.104400 |
| 592 - 593 | 52°57'47"SE | 22.70                 | 593             | 534,955.202100  | 1,817,829.430100 |
| 593 - 594 | 50°08'55"SE | 3.39                  | 594             | 534,957.808000  | 1,817,827.255000 |
| 594 - 595 | 52°54'49"SE | 2.10                  | 595             | 534,959.484900  | 1,817,825.987400 |
| 595 - 596 | 46°40'00"SE | 2.23                  | 596             | 534,961.104700  | 1,817,824.459200 |
| 596 - 597 | 51°00'51"SE | 3.48                  | 597             | 534,963.809400  | 1,817,822.270100 |
| 597 - 598 | 47°22'17"SE | 0.60                  | 598             | 534,964.248200  | 1,817,821.866200 |
| 598 - 599 | 50°58'45"SE | 0.66                  | 599             | 534,964.762400  | 1,817,821.449500 |
| 599 - 600 | 50°04'56"SE | 0.78                  | 600             | 534,965.364200  | 1,817,820.946000 |
| 600 - 601 | 50°05'46"SE | 0.83                  | 601             | 534,966.001100  | 1,817,820.413400 |
| 601 - 602 | 50°39'47"SE | 0.88                  | 602             | 534,966.678900  | 1,817,819.857900 |
| 602 - 603 | 49°59'43"SE | 1.65                  | 603             | 534,967.941000  | 1,817,818.798700 |
| 603 - 604 | 49°44'15"SE | 0.95                  | 604             | 534,968.665500  | 1,817,818.185100 |
| 604 - 605 | 50°42'57"SE | 1.17                  | 605             | 534,969.571100  | 1,817,817.444300 |
| 605 - 606 | 50°01'36"SE | 0.59                  | 606             | 534,970.026900  | 1,817,817.062200 |
| 606 - 607 | 49°24'24"SE | 1.09                  | 607             | 534,970.850800  | 1,817,816.356200 |
| 607 - 608 | 48°16'49"SE | 2.43                  | 608             | 534,972.662300  | 1,817,814.741100 |
| 608 - 609 | 48°19'18"SE | 1.24                  | 609             | 534,973.585600  | 1,817,813.919100 |
| 609 - 610 | 47°59'32"SE | 0.69                  | 610             | 534,974.099900  | 1,817,813.455900 |
| 610 - 611 | 50°16'25"SE | 0.43                  | 611             | 534,974.427100  | 1,817,813.184000 |
| 611 - 612 | 47°20'08"SE | 0.45                  | 612             | 534,974.760100  | 1,817,812.877100 |
| 612 - 613 | 49°20'37"SE | 0.36                  | 613             | 534,975.034200  | 1,817,812.641700 |
| 613 - 614 | 48°23'43"SE | 1.53                  | 614             | 534,976.178700  | 1,817,811.625400 |
| 614 - 615 | 48°34'04"SE | 0.59                  | 615             | 534,976.621700  | 1,817,811.234400 |
| 615 - 616 | 48°39'58"SE | 0.67                  | 616             | 534,977.128200  | 1,817,810.788900 |
| 616 - 617 | 48°18'55"SE | 1.05                  | 617             | 534,977.909800  | 1,817,810.092900 |
| 617 - 618 | 48°45'45"SE | 0.88                  | 618             | 534,978.570200  | 1,817,809.514000 |
| 618 - 619 | 48°37'32"SE | 0.42                  | 619             | 534,978.885700  | 1,817,809.236100 |
| 619 - 620 | 48°38'02"SE | 0.35                  | 620             | 534,979.148600  | 1,817,809.004600 |
| 620 - 621 | 45°47'52"SE | 0.03                  | 621             | 534,979.166800  | 1,817,808.986900 |
| 621 - 622 | 48°30'24"SE | 0.11                  | 622             | 534,979.245600  | 1,817,808.917200 |
| 622 - 623 | 48°31'12"SE | 7.18                  | 623             | 534,984.626200  | 1,817,804.160200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 623 - 624 | 50°18'46"SE | 15.86                 | 624             | 534,996.828700  | 1,817,794.034100 |
| 624 - 625 | 42°01'35"SE | 12.75                 | 625             | 535,005.364200  | 1,817,784.563300 |
| 625 - 626 | 16°47'59"SE | 2.27                  | 626             | 535,006.018900  | 1,817,782.394800 |
| 626 - 627 | 16°17'38"SE | 9.37                  | 627             | 535,008.648900  | 1,817,773.397500 |
| 627 - 628 | 47°32'19"SE | 14.13                 | 628             | 535,019.074200  | 1,817,763.857400 |
| 628 - 629 | 51°46'22"SE | 50.71                 | 629             | 535,058.907800  | 1,817,732.480900 |
| 629 - 630 | 52°18'54"SE | 1.34                  | 630             | 535,059.971800  | 1,817,731.659000 |
| 630 - 631 | 52°26'03"SE | 18.98                 | 631             | 535,075.014200  | 1,817,720.089100 |
| 631 - 632 | 45°04'08"SE | 19.94                 | 632             | 535,089.132300  | 1,817,706.005000 |
| 632 - 633 | 45°18'20"SE | 19.69                 | 633             | 535,103.132400  | 1,817,692.153500 |
| 633 - 634 | 36°56'38"SE | 3.44                  | 634             | 535,105.201600  | 1,817,689.402000 |
| 634 - 635 | 89°54'24"NE | 16.11                 | 635             | 535,121.315300  | 1,817,689.428200 |
| 635 - 636 | 54°43'23"SE | 12.82                 | 636             | 535,131.784000  | 1,817,682.022300 |
| 636 - 637 | 68°24'48"SE | 16.07                 | 637             | 535,146.731500  | 1,817,676.108200 |
| 637 - 638 | 52°41'44"SE | 12.22                 | 638             | 535,156.453300  | 1,817,668.701000 |
| 638 - 639 | 53°23'35"SE | 22.36                 | 639             | 535,174.400600  | 1,817,655.368800 |
| 639 - 640 | 51°10'20"SE | 15.36                 | 640             | 535,186.366700  | 1,817,645.738300 |
| 640 - 641 | 10°27'38"SE | 9.42                  | 641             | 535,188.077000  | 1,817,636.474900 |
| 641 - 642 | 61°11'19"SE | 10.01                 | 642             | 535,196.846300  | 1,817,631.651700 |
| 642 - 643 | 49°04'59"SE | 7.92                  | 643             | 535,202.830000  | 1,817,626.465400 |
| 643 - 644 | 43°38'00"SE | 18.43                 | 644             | 535,215.549100  | 1,817,613.124700 |
| 644 - 645 | 51°16'31"SE | 20.13                 | 645             | 535,231.254600  | 1,817,600.531100 |
| 645 - 646 | 58°49'15"SE | 15.73                 | 646             | 535,244.712100  | 1,817,592.387700 |
| 646 - 647 | 49°54'13"SE | 19.55                 | 647             | 535,259.670800  | 1,817,579.793000 |
| 647 - 648 | 50°10'00"SE | 18.51                 | 648             | 535,273.881200  | 1,817,567.939400 |
| 648 - 649 | 59°17'09"SE | 13.04                 | 649             | 535,285.095700  | 1,817,561.277000 |
| 649 - 650 | 83°00'41"SE | 6.02                  | 650             | 535,291.072200  | 1,817,560.544400 |
| 650 - 651 | 71°45'51"SE | 9.44                  | 651             | 535,300.039900  | 1,817,557.589800 |
| 651 - 652 | 49°40'01"SE | 13.74                 | 652             | 535,310.511100  | 1,817,548.699200 |
| 652 - 653 | 36°05'58"SE | 16.52                 | 653             | 535,320.242700  | 1,817,535.353700 |
| 653 - 654 | 50°27'42"SE | 17.46                 | 654             | 535,333.705100  | 1,817,524.241100 |
| 654 - 655 | 66°43'29"SE | 18.71                 | 655             | 535,350.896100  | 1,817,516.846300 |
| 655 - 656 | 45°16'12"SE | 13.69                 | 656             | 535,360.621600  | 1,817,507.212100 |
| 656 - 657 | 57°04'38"SE | 23.16                 | 657             | 535,380.061800  | 1,817,494.624800 |
| 657 - 658 | 57°38'06"SE | 22.13                 | 658             | 535,398.753900  | 1,817,482.778500 |
| 658 - 659 | 57°20'59"SE | 15.10                 | 659             | 535,411.464700  | 1,817,474.633900 |
| 659 - 660 | 46°40'04"SE | 11.92                 | 660             | 535,420.134100  | 1,817,466.455100 |
| 660 - 661 | 46°40'04"SE | 9.68                  | 661             | 535,427.174000  | 1,817,459.813600 |
| 661 - 662 | 40°52'13"SE | 13.72                 | 662             | 535,436.154000  | 1,817,449.436000 |
| 662 - 663 | 37°08'00"SE | 7.44                  | 663             | 535,440.645100  | 1,817,443.504900 |
| 663 - 664 | 42°15'26"SE | 10.01                 | 664             | 535,447.379400  | 1,817,436.092900 |
| 664 - 665 | 40°52'14"SE | 13.72                 | 665             | 535,456.359400  | 1,817,425.715400 |
| 665 - 666 | 28°32'33"SE | 15.03                 | 666             | 535,463.542300  | 1,817,412.509600 |
| 666 - 667 | 54°46'21"SE | 23.19                 | 667             | 535,482.484700  | 1,817,399.133600 |
| 667 - 668 | 46°45'15"SE | 19.96                 | 668             | 535,497.024900  | 1,817,385.457600 |
| 668 - 669 | 53°42'43"SE | 0.77                  | 669             | 535,497.645400  | 1,817,385.002000 |
| 669 - 670 | 43°59'01"SE | 4.42                  | 670             | 535,500.712900  | 1,817,381.823700 |
| 670 - 671 | 47°53'52"SE | 3.59                  | 671             | 535,503.377800  | 1,817,379.415600 |
| 671 - 672 | 63°32'18"SE | 6.50                  | 672             | 535,509.200500  | 1,817,376.517400 |
| 672 - 673 | 53°42'19"SE | 0.59                  | 673             | 535,509.674200  | 1,817,376.169500 |
| 673 - 674 | 62°11'58"SE | 12.11                 | 674             | 535,520.389600  | 1,817,370.519800 |
| 674 - 675 | 51°11'42"SE | 28.53                 | 675             | 535,542.619600  | 1,817,352.643400 |
| 675 - 676 | 55°29'20"SE | 28.53                 | 676             | 535,566.131100  | 1,817,336.477800 |
| 676 - 677 | 66°49'00"SE | 18.67                 | 677             | 535,583.295200  | 1,817,329.127200 |
| 677 - 678 | 52°41'29"SE | 19.66                 | 678             | 535,598.935200  | 1,817,317.209000 |
| 678 - 679 | 50°48'52"SE | 27.25                 | 679             | 535,620.055200  | 1,817,299.992900 |
| 679 - 680 | 51°26'00"SE | 25.43                 | 680             | 535,639.938400  | 1,817,284.139300 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 680 - 681 | 54°28'13"SE | 22.83                 | 681             | 535,658.513900  | 1,817,270.875000 |
| 681 - 682 | 53°26'45"SE | 15.69                 | 682             | 535,671.119700  | 1,817,261.528800 |
| 682 - 683 | 55°15'39"SE | 0.26                  | 683             | 535,671.330100  | 1,817,261.382900 |
| 683 - 684 | 48°20'34"SE | 0.12                  | 684             | 535,671.420700  | 1,817,261.302300 |
| 684 - 685 | 54°13'10"SE | 0.55                  | 685             | 535,671.870400  | 1,817,260.978200 |
| 685 - 686 | 53°01'20"SE | 0.70                  | 686             | 535,672.431400  | 1,817,260.555800 |
| 686 - 687 | 53°31'15"SE | 1.30                  | 687             | 535,673.480100  | 1,817,259.780400 |
| 687 - 688 | 53°32'38"SE | 1.83                  | 688             | 535,674.952400  | 1,817,258.692700 |
| 688 - 689 | 53°24'26"SE | 2.00                  | 689             | 535,676.561900  | 1,817,257.497700 |
| 689 - 690 | 53°26'53"SE | 1.19                  | 690             | 535,677.514200  | 1,817,256.791700 |
| 690 - 691 | 47°28'36"SE | 0.06                  | 691             | 535,677.555200  | 1,817,256.754100 |
| 691 - 692 | 59°24'08"SE | 1.71                  | 692             | 535,679.027100  | 1,817,255.883700 |
| 692 - 693 | 58°48'56"SE | 0.90                  | 693             | 535,679.801000  | 1,817,255.415300 |
| 693 - 694 | 59°03'59"SE | 0.65                  | 694             | 535,680.356000  | 1,817,255.082700 |
| 694 - 695 | 58°50'43"SE | 0.26                  | 695             | 535,680.580800  | 1,817,254.946800 |
| 695 - 696 | 60°43'47"SE | 0.15                  | 696             | 535,680.711400  | 1,817,254.873600 |
| 696 - 697 | 52°48'55"SE | 0.01                  | 697             | 535,680.717200  | 1,817,254.869200 |
| 697 - 698 | 59°09'42"SE | 27.56                 | 698             | 535,704.380300  | 1,817,240.741700 |
| 698 - 699 | 50°19'53"SE | 34.33                 | 699             | 535,730.806000  | 1,817,218.827300 |
| 699 - 700 | 45°50'55"SE | 19.83                 | 700             | 535,745.035500  | 1,817,205.013300 |
| 700 - 701 | 50°44'53"SE | 2.22                  | 701             | 535,746.752700  | 1,817,203.610200 |
| 701 - 702 | 42°20'04"SE | 6.78                  | 702             | 535,751.315900  | 1,817,198.601400 |
| 702 - 703 | 50°20'53"SE | 5.95                  | 703             | 535,755.897000  | 1,817,194.804600 |
| 703 - 704 | 48°33'52"SE | 18.33                 | 704             | 535,769.641700  | 1,817,182.671900 |
| 704 - 705 | 49°50'36"SE | 19.82                 | 705             | 535,784.788000  | 1,817,169.892000 |
| 705 - 706 | 49°59'21"SE | 7.20                  | 706             | 535,790.304200  | 1,817,165.261600 |
| 706 - 707 | 60°03'54"SE | 10.57                 | 707             | 535,799.462700  | 1,817,159.987800 |
| 707 - 708 | 63°17'33"SE | 1.96                  | 708             | 535,801.214600  | 1,817,159.106400 |
| 708 - 709 | 50°44'50"SE | 0.75                  | 709             | 535,801.799100  | 1,817,158.628800 |
| 709 - 710 | 59°17'11"SE | 1.76                  | 710             | 535,803.315400  | 1,817,157.728000 |
| 710 - 711 | 59°49'06"SE | 3.12                  | 711             | 535,806.008400  | 1,817,156.161800 |
| 711 - 712 | 66°00'09"SE | 16.84                 | 712             | 535,821.394600  | 1,817,149.312300 |
| 712 - 713 | 55°06'31"SE | 20.22                 | 713             | 535,837.975900  | 1,817,137.748800 |
| 713 - 714 | 48°17'45"SE | 2.76                  | 714             | 535,840.033600  | 1,817,135.915200 |
| 714 - 715 | 59°17'28"SE | 1.62                  | 715             | 535,841.424600  | 1,817,135.089000 |
| 715 - 716 | 43°12'37"SE | 5.33                  | 716             | 535,845.072500  | 1,817,131.205800 |
| 716 - 717 | 50°53'57"SE | 9.40                  | 717             | 535,852.364900  | 1,817,125.279300 |
| 717 - 718 | 57°54'26"SE | 23.17                 | 718             | 535,871.992000  | 1,817,112.970800 |
| 718 - 719 | 52°49'08"SE | 24.05                 | 719             | 535,891.155900  | 1,817,098.434600 |
| 719 - 720 | 57°10'33"SE | 19.46                 | 720             | 535,907.512400  | 1,817,087.883800 |
| 720 - 721 | 55°58'22"SE | 7.44                  | 721             | 535,913.681400  | 1,817,083.718500 |
| 721 - 722 | 46°18'40"SE | 33.96                 | 722             | 535,938.239600  | 1,817,060.259300 |
| 722 - 723 | 80°41'24"SE | 43.65                 | 723             | 535,981.310400  | 1,817,053.198600 |
| 723 - 724 | 43°25'27"SE | 16.33                 | 724             | 535,992.534000  | 1,817,041.340100 |
| 724 - 725 | 48°08'02"SE | 21.09                 | 725             | 536,008.242800  | 1,817,027.262200 |
| 725 - 726 | 50°02'00"SE | 12.69                 | 726             | 536,017.966400  | 1,817,019.112800 |
| 726 - 727 | 30°49'47"SE | 19.00                 | 727             | 536,027.703600  | 1,817,002.797900 |
| 727 - 728 | 33°56'57"SE | 21.45                 | 728             | 536,039.684000  | 1,816,985.002200 |
| 728 - 729 | 61°11'28"SE | 15.36                 | 729             | 536,053.141100  | 1,816,977.601400 |
| 729 - 730 | 54°06'21"SE | 24.00                 | 730             | 536,072.584600  | 1,816,963.529700 |
| 730 - 731 | 41°27'25"SE | 15.82                 | 731             | 536,083.061400  | 1,816,951.670000 |
| 731 - 732 | 45°16'20"SE | 24.22                 | 732             | 536,100.269100  | 1,816,934.625200 |
| 732 - 733 | 52°41'53"SE | 24.45                 | 733             | 536,119.714000  | 1,816,919.811200 |
| 733 - 734 | 55°16'12"SE | 27.30                 | 734             | 536,142.147900  | 1,816,904.259900 |
| 734 - 735 | 50°42'34"SE | 22.23                 | 735             | 536,159.350700  | 1,816,890.184400 |
| 735 - 736 | 33°56'58"SE | 24.13                 | 736             | 536,172.829000  | 1,816,870.164100 |
| 736 - 737 | 57°58'47"SE | 33.51                 | 737             | 536,201.242100  | 1,816,852.395800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 737 - 738 | 41°27'26"SE | 23.74                 | 738             | 536,216.957400  | 1,816,834.606300 |
| 738 - 739 | 49°15'43"SE | 22.71                 | 739             | 536,234.161700  | 1,816,819.788500 |
| 739 - 740 | 15°38'54"SE | 11.27                 | 740             | 536,237.201400  | 1,816,808.936900 |
| 740 - 741 | 53°22'46"SE | 19.09                 | 741             | 536,252.526500  | 1,816,797.547000 |
| 741 - 742 | 55°03'10"SE | 23.00                 | 742             | 536,271.378000  | 1,816,784.373000 |
| 742 - 743 | 53°10'55"SE | 14.84                 | 743             | 536,283.259100  | 1,816,775.479000 |
| 743 - 744 | 46°35'46"SE | 12.59                 | 744             | 536,292.407600  | 1,816,766.826600 |
| 744 - 745 | 49°19'51"SE | 63.91                 | 745             | 536,340.884900  | 1,816,725.175000 |
| 745 - 746 | 53°17'17"SE | 1.25                  | 746             | 536,341.890800  | 1,816,724.424900 |
| 746 - 747 | 49°16'48"SE | 20.53                 | 747             | 536,357.451900  | 1,816,711.030800 |
| 747 - 748 | 48°25'39"SE | 4.34                  | 748             | 536,360.697400  | 1,816,708.152100 |
| 748 - 749 | 49°19'51"SE | 7.62                  | 749             | 536,366.477600  | 1,816,703.185800 |
| 749 - 750 | 85°43'28"SE | 15.82                 | 750             | 536,382.252300  | 1,816,702.006500 |
| 750 - 751 | 61°11'31"SE | 30.72                 | 751             | 536,409.166900  | 1,816,687.205200 |
| 751 - 752 | 40°52'22"SE | 20.59                 | 752             | 536,422.638000  | 1,816,671.638800 |
| 752 - 753 | 57°17'19"SE | 32.88                 | 753             | 536,450.304600  | 1,816,653.869400 |
| 753 - 754 | 64°35'36"SE | 20.69                 | 754             | 536,468.993000  | 1,816,644.992900 |
| 754 - 755 | 49°13'01"SE | 30.62                 | 755             | 536,492.181800  | 1,816,624.989000 |
| 755 - 756 | 58°15'00"SE | 14.07                 | 756             | 536,504.145300  | 1,816,617.585800 |
| 756 - 757 | 55°42'49"SE | 55.21                 | 757             | 536,549.761200  | 1,816,586.484800 |
| 757 - 758 | 50°18'48"SE | 35.96                 | 758             | 536,577.436800  | 1,816,563.519100 |
| 758 - 759 | 55°29'05"SE | 32.67                 | 759             | 536,604.357900  | 1,816,545.006200 |
| 759 - 760 | 52°41'58"SE | 36.67                 | 760             | 536,633.526300  | 1,816,522.785400 |
| 760 - 761 | 47°28'34"SE | 27.41                 | 761             | 536,653.725200  | 1,816,504.261100 |
| 761 - 762 | 38°18'58"SE | 21.73                 | 762             | 536,667.199000  | 1,816,487.210200 |
| 762 - 763 | 44°16'08"SE | 30.01                 | 763             | 536,688.149900  | 1,816,465.717800 |
| 763 - 764 | 39°40'18"SE | 26.97                 | 764             | 536,705.364800  | 1,816,444.961500 |
| 764 - 765 | 54°14'17"SE | 20.28                 | 765             | 536,721.817700  | 1,816,433.111900 |
| 765 - 766 | 65°36'27"SE | 19.70                 | 766             | 536,739.758300  | 1,816,424.976600 |
| 766 - 767 | 55°45'14"SE | 14.47                 | 767             | 536,751.723200  | 1,816,416.831200 |
| 767 - 768 | 04°31'24"SE | 9.68                  | 768             | 536,752.486600  | 1,816,407.182000 |
| 768 - 769 | 03°07'41"SE | 14.12                 | 769             | 536,753.257400  | 1,816,393.078700 |
| 769 - 770 | 37°08'19"SE | 7.44                  | 770             | 536,757.749300  | 1,816,387.147700 |
| 770 - 771 | 63°40'22"SE | 10.01                 | 771             | 536,766.720100  | 1,816,382.708800 |
| 771 - 772 | 56°34'15"SE | 16.13                 | 772             | 536,780.180300  | 1,816,373.823600 |
| 772 - 773 | 31°51'47"SE | 11.35                 | 773             | 536,786.172300  | 1,816,364.183300 |
| 773 - 774 | 28°51'25"SE | 18.63                 | 774             | 536,795.163400  | 1,816,347.867000 |
| 774 - 775 | 16°48'05"SE | 21.89                 | 775             | 536,801.491100  | 1,816,326.910800 |
| 775 - 776 | 61°11'49"SE | 11.57                 | 776             | 536,811.628600  | 1,816,321.337000 |
| 776 - 777 | 50°08'09"SE | 6.79                  | 777             | 536,816.841400  | 1,816,316.984000 |
| 777 - 778 | 50°57'51"SE | 17.21                 | 778             | 536,830.206200  | 1,816,306.147600 |
| 778 - 779 | 46°54'34"SE | 21.52                 | 779             | 536,845.925100  | 1,816,291.443000 |
| 779 - 780 | 44°05'25"SE | 22.59                 | 780             | 536,861.643800  | 1,816,275.217100 |
| 780 - 781 | 54°29'56"SE | 22.97                 | 781             | 536,880.345900  | 1,816,261.876500 |
| 781 - 782 | 45°00'00"SE | 25.82                 | 782             | 536,898.600100  | 1,816,243.622400 |
| 782 - 783 | 49°23'54"SE | 18.70                 | 783             | 536,912.797700  | 1,816,231.452900 |
| 783 - 784 | 66°02'16"SE | 24.97                 | 784             | 536,935.615300  | 1,816,221.311900 |
| 784 - 785 | 33°29'15"SE | 20.03                 | 785             | 536,946.669200  | 1,816,204.603400 |
| 785 - 786 | 83°27'34"NE | 2.67                  | 786             | 536,949.319000  | 1,816,204.907200 |
| 786 - 787 | 08°40'52"SE | 5.41                  | 787             | 536,950.135900  | 1,816,199.557100 |
| 787 - 788 | 36°28'08"SE | 17.34                 | 788             | 536,960.440200  | 1,816,185.615900 |
| 788 - 789 | 45°16'32"SE | 11.72                 | 789             | 536,968.765100  | 1,816,177.370700 |
| 789 - 790 | 45°16'27"SE | 9.62                  | 790             | 536,975.598100  | 1,816,170.602800 |
| 790 - 791 | 25°03'17"SW | 1.64                  | 791             | 536,974.904600  | 1,816,169.119300 |
| 791 - 792 | 41°38'01"SE | 6.29                  | 792             | 536,979.083400  | 1,816,164.418200 |
| 792 - 793 | 51°57'11"SE | 21.49                 | 793             | 536,996.007400  | 1,816,151.173400 |
| 793 - 794 | 43°52'35"SE | 26.54                 | 794             | 537,014.403000  | 1,816,132.041900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 794 - 795 | 46°07'23"SE | 26.54                 | 795             | 537,033.534500  | 1,816,113.646200 |
| 795 - 796 | 45°00'00"SE | 28.10                 | 796             | 537,053.401900  | 1,816,093.778900 |
| 796 - 797 | 62°10'33"SE | 29.95                 | 797             | 537,079.891700  | 1,816,079.798200 |
| 797 - 798 | 62°47'01"SE | 28.96                 | 798             | 537,105.645600  | 1,816,066.553300 |
| 798 - 799 | 28°27'42"SE | 20.11                 | 799             | 537,115.230300  | 1,816,048.872400 |
| 799 - 800 | 11°35'23"SE | 5.16                  | 800             | 537,116.267500  | 1,816,043.815000 |
| 800 - 801 | 12°56'07"SE | 3.99                  | 801             | 537,117.161000  | 1,816,039.924800 |
| 801 - 802 | 12°15'54"SE | 8.14                  | 802             | 537,118.890500  | 1,816,031.969400 |
| 802 - 803 | 57°59'41"SE | 13.88                 | 803             | 537,130.663700  | 1,816,024.611200 |
| 803 - 804 | 59°55'52"SE | 16.15                 | 804             | 537,144.644300  | 1,816,016.517100 |
| 804 - 805 | 52°25'55"SE | 12.07                 | 805             | 537,154.210200  | 1,816,009.158900 |
| 805 - 806 | 47°01'18"SE | 9.63                  | 806             | 537,161.253000  | 1,816,002.596400 |
| 806 - 807 | 24°08'47"SE | 18.24                 | 807             | 537,168.713500  | 1,815,985.954500 |
| 807 - 808 | 28°04'24"SE | 6.92                  | 808             | 537,171.970000  | 1,815,979.848800 |
| 808 - 809 | 15°38'24"SE | 3.37                  | 809             | 537,172.877300  | 1,815,976.608000 |
| 809 - 810 | 15°35'07"SE | 7.17                  | 810             | 537,174.803000  | 1,815,969.704100 |
| 810 - 811 | 58°47'32"SE | 15.55                 | 811             | 537,188.102800  | 1,815,961.647000 |
| 811 - 812 | 58°51'41"SE | 7.31                  | 812             | 537,194.357800  | 1,815,957.868000 |
| 812 - 813 | 44°59'58"SE | 28.21                 | 813             | 537,214.303200  | 1,815,937.922400 |
| 813 - 814 | 42°22'49"SE | 44.08                 | 814             | 537,244.017900  | 1,815,905.358300 |
| 814 - 815 | 44°27'53"SE | 30.01                 | 815             | 537,265.039400  | 1,815,883.940400 |
| 815 - 816 | 75°26'31"SE | 5.80                  | 816             | 537,270.650900  | 1,815,882.483100 |
| 816 - 817 | 67°01'39"SE | 2.84                  | 817             | 537,273.267300  | 1,815,881.374000 |
| 817 - 818 | 63°40'28"SE | 7.51                  | 818             | 537,279.995700  | 1,815,878.044900 |
| 818 - 819 | 71°46'12"SE | 5.90                  | 819             | 537,285.601100  | 1,815,876.198700 |
| 819 - 820 | 34°57'37"SE | 5.88                  | 820             | 537,288.970800  | 1,815,871.379200 |
| 820 - 821 | 63°40'28"SE | 7.51                  | 821             | 537,295.699200  | 1,815,868.050100 |
| 821 - 822 | 88°25'27"SE | 12.70                 | 822             | 537,308.398100  | 1,815,867.700800 |
| 822 - 823 | 77°22'18"SE | 8.42                  | 823             | 537,316.617900  | 1,815,865.859200 |
| 823 - 824 | 34°45'39"SW | 5.88                  | 824             | 537,313.265000  | 1,815,861.028000 |
| 824 - 825 | 07°04'14"SW | 5.99                  | 825             | 537,312.528200  | 1,815,855.087900 |
| 825 - 826 | 45°16'33"SE | 7.90                  | 826             | 537,318.140100  | 1,815,849.529800 |
| 826 - 827 | 23°25'33"SE | 8.49                  | 827             | 537,321.514900  | 1,815,841.740800 |
| 827 - 828 | 41°37'20"SE | 12.39                 | 828             | 537,329.747500  | 1,815,832.475500 |
| 828 - 829 | 54°14'24"SE | 10.14                 | 829             | 537,337.974400  | 1,815,826.550800 |
| 829 - 830 | 83°13'59"NE | 6.39                  | 830             | 537,344.322300  | 1,815,827.304000 |
| 830 - 831 | 45°04'36"NE | 4.74                  | 831             | 537,347.677800  | 1,815,830.650500 |
| 831 - 832 | 50°28'02"SE | 8.73                  | 832             | 537,354.410100  | 1,815,825.094400 |
| 832 - 833 | 52°06'48"SE | 6.63                  | 833             | 537,359.645900  | 1,815,821.020400 |
| 833 - 834 | 53°24'01"SE | 3.73                  | 834             | 537,362.637600  | 1,815,818.798600 |
| 834 - 835 | 12°42'10"SE | 6.85                  | 835             | 537,364.143100  | 1,815,812.119800 |
| 835 - 836 | 69°27'40"SW | 9.57                  | 836             | 537,355.185300  | 1,815,808.763700 |
| 836 - 837 | 03°29'57"SW | 5.95                  | 837             | 537,354.822100  | 1,815,802.824100 |
| 837 - 838 | 30°30'35"SE | 10.33                 | 838             | 537,360.066200  | 1,815,793.924900 |
| 838 - 839 | 45°16'33"SE | 10.53                 | 839             | 537,367.548700  | 1,815,786.514100 |
| 839 - 840 | 57°21'17"SE | 7.55                  | 840             | 537,373.904900  | 1,815,782.442100 |
| 840 - 841 | 56°34'19"SE | 8.06                  | 841             | 537,380.635300  | 1,815,777.999500 |
| 841 - 842 | 42°47'09"SE | 12.12                 | 842             | 537,388.867300  | 1,815,769.105400 |
| 842 - 843 | 31°41'11"SE | 15.69                 | 843             | 537,397.107000  | 1,815,755.757100 |
| 843 - 844 | 39°33'44"SE | 10.58                 | 844             | 537,403.843900  | 1,815,747.602700 |
| 844 - 845 | 56°34'19"SE | 10.75                 | 845             | 537,412.817700  | 1,815,741.679300 |
| 845 - 846 | 73°48'20"SE | 6.61                  | 846             | 537,419.170200  | 1,815,739.834400 |
| 846 - 847 | 14°13'05"SE | 4.59                  | 847             | 537,420.298300  | 1,815,735.382100 |
| 847 - 848 | 12°16'02"SE | 5.32                  | 848             | 537,421.427800  | 1,815,730.187500 |
| 848 - 849 | 76°56'14"SE | 13.04                 | 849             | 537,434.131400  | 1,815,727.240000 |
| 849 - 850 | 76°36'32"SE | 11.14                 | 850             | 537,444.966900  | 1,815,724.660400 |
| 850 - 851 | 65°22'13"SE | 16.86                 | 851             | 537,460.291900  | 1,815,717.634500 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 851 - 852 | 65°55'38"SE | 12.69                 | 852             | 537,471.879000  | 1,815,712.458000 |
| 852 - 853 | 49°28'27"SW | 10.30                 | 853             | 537,464.047400  | 1,815,705.763100 |
| 853 - 854 | 13°34'17"SE | 8.02                  | 854             | 537,465.928300  | 1,815,697.971500 |
| 854 - 855 | 46°36'29"SE | 22.65                 | 855             | 537,482.388600  | 1,815,682.410200 |
| 855 - 856 | 51°20'41"SE | 12.45                 | 856             | 537,492.112700  | 1,815,674.632200 |
| 856 - 857 | 24°27'36"SE | 16.30                 | 857             | 537,498.861200  | 1,815,659.796600 |
| 857 - 858 | 67°26'35"SE | 20.24                 | 858             | 537,517.549000  | 1,815,652.034100 |
| 858 - 859 | 75°56'49"NE | 9.24                  | 859             | 537,526.508800  | 1,815,654.276800 |
| 859 - 860 | 89°54'02"NE | 10.46                 | 860             | 537,536.966400  | 1,815,654.294900 |
| 860 - 861 | 63°40'31"SE | 8.34                  | 861             | 537,544.442500  | 1,815,650.596000 |
| 861 - 862 | 60°46'29"SE | 9.85                  | 862             | 537,553.041000  | 1,815,645.785500 |
| 862 - 863 | 51°10'43"SE | 7.68                  | 863             | 537,559.025100  | 1,815,640.970500 |
| 863 - 864 | 46°44'41"SE | 10.27                 | 864             | 537,566.507100  | 1,815,633.930900 |
| 864 - 865 | 56°22'23"NE | 9.41                  | 865             | 537,574.341300  | 1,815,639.141200 |
| 865 - 866 | 01°09'12"NE | 17.08                 | 866             | 537,574.685100  | 1,815,656.216200 |
| 866 - 867 | 00°05'55"NW | 6.68                  | 867             | 537,574.673600  | 1,815,662.897600 |
| 867 - 868 | 56°22'22"NE | 6.72                  | 868             | 537,580.269300  | 1,815,666.619200 |
| 868 - 869 | 85°21'52"SE | 8.99                  | 869             | 537,589.234300  | 1,815,665.892300 |
| 869 - 870 | 79°28'43"SE | 20.14                 | 870             | 537,609.035500  | 1,815,662.214800 |
| 870 - 871 | 87°03'19"NE | 22.44                 | 871             | 537,631.442600  | 1,815,663.367400 |
| 871 - 872 | 82°19'55"SE | 19.22                 | 872             | 537,650.494900  | 1,815,660.802300 |
| 872 - 873 | 35°39'41"SE | 17.34                 | 873             | 537,660.603500  | 1,815,646.714800 |
| 873 - 874 | 28°20'56"SW | 21.95                 | 874             | 537,650.179500  | 1,815,627.395000 |
| 874 - 875 | 75°29'09"SW | 22.37                 | 875             | 537,628.527000  | 1,815,621.789600 |
| 875 - 876 | 82°41'29"SW | 20.71                 | 876             | 537,607.989900  | 1,815,619.155600 |
| 876 - 877 | 88°39'46"SW | 17.18                 | 877             | 537,590.810100  | 1,815,618.754600 |
| 877 - 878 | 88°42'40"NW | 15.32                 | 878             | 537,575.496600  | 1,815,619.099100 |
| 878 - 879 | 78°22'41"SW | 14.87                 | 879             | 537,560.935700  | 1,815,616.104400 |
| 879 - 880 | 25°35'54"SW | 9.47                  | 880             | 537,556.842200  | 1,815,607.560000 |
| 880 - 881 | 46°21'26"SE | 13.96                 | 881             | 537,566.943100  | 1,815,597.926700 |
| 881 - 882 | 65°47'19"SE | 27.05                 | 882             | 537,591.612600  | 1,815,586.834000 |
| 882 - 883 | 79°32'36"SE | 12.16                 | 883             | 537,603.568000  | 1,815,584.627600 |
| 883 - 884 | 16°23'11"SW | 13.16                 | 884             | 537,599.855000  | 1,815,572.000900 |
| 884 - 885 | 20°26'23"SE | 15.04                 | 885             | 537,605.108400  | 1,815,557.905000 |
| 885 - 886 | 24°27'35"SE | 16.30                 | 886             | 537,611.856900  | 1,815,543.069200 |
| 886 - 887 | 36°25'36"SE | 23.96                 | 887             | 537,626.083000  | 1,815,523.792300 |
| 887 - 888 | 80°05'41"NE | 17.44                 | 888             | 537,643.258300  | 1,815,526.791500 |
| 888 - 889 | 47°03'06"NE | 15.28                 | 889             | 537,654.444900  | 1,815,537.204300 |
| 889 - 890 | 13°13'11"NE | 12.97                 | 890             | 537,657.410800  | 1,815,549.829800 |
| 890 - 891 | 22°48'33"NE | 40.30                 | 891             | 537,673.032600  | 1,815,586.975600 |
| 891 - 892 | 55°28'23"NE | 26.26                 | 892             | 537,694.668900  | 1,815,601.860800 |
| 892 - 893 | 60°53'34"SE | 13.69                 | 893             | 537,706.632200  | 1,815,595.200200 |
| 893 - 894 | 07°16'07"SE | 11.97                 | 894             | 537,708.146900  | 1,815,583.324900 |
| 894 - 895 | 12°46'52"SW | 33.51                 | 895             | 537,700.734000  | 1,815,550.647600 |
| 895 - 896 | 06°08'44"SE | 14.18                 | 896             | 537,702.252500  | 1,815,536.545200 |
| 896 - 897 | 31°13'12"SE | 21.68                 | 897             | 537,713.489500  | 1,815,518.005400 |
| 897 - 898 | 00°05'58"SE | 17.82                 | 898             | 537,713.520500  | 1,815,500.188500 |
| 898 - 899 | 09°25'11"SW | 18.07                 | 899             | 537,710.563700  | 1,815,482.366300 |
| 899 - 900 | 76°08'45"SE | 6.16                  | 900             | 537,716.542100  | 1,815,480.891900 |
| 900 - 901 | 61°56'48"SE | 22.03                 | 901             | 537,735.981600  | 1,815,470.532600 |
| 901 - 902 | 24°45'12"SE | 46.56                 | 902             | 537,755.476800  | 1,815,428.251100 |
| 902 - 903 | 31°37'51"SE | 17.85                 | 903             | 537,764.840700  | 1,815,413.048700 |
| 903 - 904 | 29°59'51"SE | 17.98                 | 904             | 537,773.831600  | 1,815,397.474500 |
| 904 - 905 | 29°32'33"SE | 17.48                 | 905             | 537,782.448400  | 1,815,382.270800 |
| 905 - 906 | 35°15'30"SE | 13.62                 | 906             | 537,790.311100  | 1,815,371.148800 |
| 906 - 907 | 38°19'09"SE | 10.87                 | 907             | 537,797.048900  | 1,815,362.623200 |
| 907 - 908 | 47°23'51"SE | 21.35                 | 908             | 537,812.760800  | 1,815,348.174200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 908 - 909 | 38°06'00"SE | 40.04                 | 909             | 537,837.466300  | 1,815,316.666200 |
| 909 - 910 | 36°31'25"SE | 6.92                  | 910             | 537,841.584500  | 1,815,311.105600 |
| 910 - 911 | 72°40'31"SE | 7.44                  | 911             | 537,848.684700  | 1,815,308.890800 |
| 911 - 912 | 63°40'36"SE | 6.67                  | 912             | 537,854.665700  | 1,815,305.931800 |
| 912 - 913 | 76°08'50"SE | 10.78                 | 913             | 537,865.128100  | 1,815,303.351800 |
| 913 - 914 | 32°15'49"SE | 3.51                  | 914             | 537,867.000700  | 1,815,300.385500 |
| 914 - 915 | 18°38'29"SE | 5.87                  | 915             | 537,868.877900  | 1,815,294.820900 |
| 915 - 916 | 31°13'16"SE | 2.17                  | 916             | 537,870.001600  | 1,815,292.967000 |
| 916 - 917 | 22°01'31"SE | 2.00                  | 917             | 537,870.751900  | 1,815,291.112300 |
| 917 - 918 | 00°06'01"SE | 3.71                  | 918             | 537,870.758400  | 1,815,287.400400 |
| 918 - 919 | 89°54'01"SW | 3.74                  | 919             | 537,867.023400  | 1,815,287.393900 |
| 919 - 920 | 08°41'55"SW | 4.88                  | 920             | 537,866.284900  | 1,815,282.567100 |
| 920 - 921 | 22°01'27"SE | 6.00                  | 921             | 537,868.535600  | 1,815,277.003200 |
| 921 - 922 | 23°51'34"SE | 6.49                  | 922             | 537,871.160400  | 1,815,271.068700 |
| 922 - 923 | 85°36'50"SE | 14.24                 | 923             | 537,885.355100  | 1,815,269.980000 |
| 923 - 924 | 37°08'24"SE | 5.58                  | 924             | 537,888.724300  | 1,815,265.531600 |
| 924 - 925 | 40°04'48"SE | 11.63                 | 925             | 537,896.209800  | 1,815,256.636000 |
| 925 - 926 | 51°14'16"SE | 17.75                 | 926             | 537,910.048400  | 1,815,245.524600 |
| 926 - 927 | 47°34'03"SE | 13.18                 | 927             | 537,919.774900  | 1,815,236.633000 |
| 927 - 928 | 50°28'07"SE | 20.37                 | 928             | 537,935.484300  | 1,815,223.668800 |
| 928 - 929 | 63°40'37"SE | 12.51                 | 929             | 537,946.698900  | 1,815,218.120600 |
| 929 - 930 | 57°47'20"SE | 9.72                  | 930             | 537,954.924800  | 1,815,212.938300 |
| 930 - 931 | 44°11'46"SE | 13.96                 | 931             | 537,964.653200  | 1,815,202.933100 |
| 931 - 932 | 37°18'18"SW | 11.68                 | 932             | 537,957.573200  | 1,815,193.641000 |
| 932 - 933 | 37°08'23"SE | 7.44                  | 933             | 537,962.065500  | 1,815,187.709700 |
| 933 - 934 | 67°23'37"SE | 7.69                  | 934             | 537,969.167100  | 1,815,184.752700 |
| 934 - 935 | 45°16'38"SE | 7.90                  | 935             | 537,974.779300  | 1,815,179.194600 |
| 935 - 936 | 47°46'00"SE | 6.06                  | 936             | 537,979.268400  | 1,815,175.119400 |
| 936 - 937 | 49°05'22"SE | 7.92                  | 937             | 537,985.253300  | 1,815,169.933200 |
| 937 - 938 | 41°27'44"SE | 11.87                 | 938             | 537,993.112400  | 1,815,161.038300 |
| 938 - 939 | 21°15'24"SE | 5.17                  | 939             | 537,994.988300  | 1,815,156.216100 |
| 939 - 940 | 47°15'08"SE | 7.64                  | 940             | 538,000.599900  | 1,815,151.029200 |
| 940 - 941 | 63°40'37"SE | 5.84                  | 941             | 538,005.833300  | 1,815,148.440100 |
| 941 - 942 | 63°40'35"SE | 4.17                  | 942             | 538,009.571600  | 1,815,146.590600 |
| 942 - 943 | 16°41'55"SW | 3.88                  | 943             | 538,008.457500  | 1,815,142.876800 |
| 943 - 944 | 28°51'38"SE | 4.66                  | 944             | 538,010.705700  | 1,815,138.797600 |
| 944 - 945 | 59°59'52"SE | 5.18                  | 945             | 538,015.192200  | 1,815,136.207100 |
| 945 - 946 | 41°54'38"SE | 4.48                  | 946             | 538,018.186000  | 1,815,132.871700 |
| 946 - 947 | 56°22'12"SW | 2.69                  | 947             | 538,015.947700  | 1,815,131.382900 |
| 947 - 948 | 16°53'52"SE | 3.88                  | 948             | 538,017.074700  | 1,815,127.673000 |
| 948 - 949 | 63°40'36"SE | 5.84                  | 949             | 538,022.308200  | 1,815,125.083800 |
| 949 - 950 | 69°27'34"NE | 6.38                  | 950             | 538,028.280100  | 1,815,127.321400 |
| 950 - 951 | 63°40'38"SE | 7.51                  | 951             | 538,035.008900  | 1,815,123.992500 |
| 951 - 952 | 29°36'37"SE | 6.82                  | 952             | 538,038.380800  | 1,815,118.059400 |
| 952 - 953 | 23°51'40"SE | 6.49                  | 953             | 538,041.005800  | 1,815,112.124900 |
| 953 - 954 | 51°58'55"SE | 9.02                  | 954             | 538,048.111900  | 1,815,106.569400 |
| 954 - 955 | 26°48'28"SE | 7.48                  | 955             | 538,051.485100  | 1,815,099.893900 |
| 955 - 956 | 53°56'34"SE | 15.73                 | 956             | 538,064.200300  | 1,815,090.636400 |
| 956 - 957 | 59°17'32"SE | 4.35                  | 957             | 538,067.939100  | 1,815,088.415800 |
| 957 - 958 | 17°18'09"SE | 5.05                  | 958             | 538,069.441500  | 1,815,083.592900 |
| 958 - 959 | 64°40'41"NW | 9.51                  | 959             | 538,060.844000  | 1,815,087.660900 |
| 959 - 960 | 78°39'27"SW | 5.71                  | 960             | 538,055.243500  | 1,815,086.537500 |
| 960 - 961 | 42°47'16"SE | 6.06                  | 961             | 538,059.359800  | 1,815,082.090400 |
| 961 - 962 | 55°16'28"SE | 9.10                  | 962             | 538,066.838800  | 1,815,076.906800 |
| 962 - 963 | 37°08'29"SE | 7.44                  | 963             | 538,071.331300  | 1,815,070.975600 |
| 963 - 964 | 51°36'49"SE | 7.16                  | 964             | 538,076.941500  | 1,815,066.531200 |
| 964 - 965 | 64°53'28"SE | 7.84                  | 965             | 538,084.043800  | 1,815,063.202900 |



| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 965 - 966   | 42°55'26"SE | 19.23                 | 966             | 538,097.141000  | 1,815,049.120500 |
| 966 - 967   | 27°53'34"SE | 8.81                  | 967             | 538,101.263200  | 1,815,041.332700 |
| 967 - 968   | 41°37'27"SE | 12.39                 | 968             | 538,109.496400  | 1,815,032.067300 |
| 968 - 969   | 69°17'40"SE | 13.58                 | 969             | 538,122.203800  | 1,815,027.264200 |
| 969 - 970   | 50°28'02"SE | 2.91                  | 970             | 538,124.448100  | 1,815,025.412000 |
| 970 - 971   | 49°28'26"SW | 3.43                  | 971             | 538,121.837500  | 1,815,023.180300 |
| 971 - 972   | 39°52'39"SW | 2.91                  | 972             | 538,119.974000  | 1,815,020.949800 |
| 972 - 973   | 18°38'28"SE | 4.70                  | 973             | 538,121.475700  | 1,815,016.498200 |
| 973 - 974   | 49°40'30"SE | 3.43                  | 974             | 538,124.094200  | 1,815,014.275600 |
| 974 - 975   | 37°08'26"SE | 9.30                  | 975             | 538,129.709700  | 1,815,006.861500 |
| 975 - 976   | 29°59'58"SE | 5.99                  | 976             | 538,132.706900  | 1,815,001.670100 |
| 976 - 977   | 74°14'52"SE | 5.44                  | 977             | 538,137.938300  | 1,815,000.194500 |
| 977 - 978   | 83°05'51"NE | 9.40                  | 978             | 538,147.273900  | 1,815,001.324600 |
| 978 - 979   | 86°20'41"NE | 5.99                  | 979             | 538,153.249100  | 1,815,001.706300 |
| 979 - 980   | 17°18'13"SE | 5.05                  | 980             | 538,154.751600  | 1,814,996.883400 |
| 980 - 981   | 26°48'28"SE | 4.16                  | 981             | 538,156.625600  | 1,814,993.174800 |
| 981 - 982   | 36°17'47"SE | 5.06                  | 982             | 538,159.620800  | 1,814,989.096800 |
| 982 - 983   | 14°13'16"SE | 7.66                  | 983             | 538,161.501400  | 1,814,981.676300 |
| 983 - 984   | 67°01'48"SE | 8.53                  | 984             | 538,169.350800  | 1,814,978.349300 |
| 984 - 985   | 43°09'22"SE | 7.11                  | 985             | 538,174.215300  | 1,814,973.161200 |
| 985 - 986   | 37°08'29"SE | 9.30                  | 986             | 538,179.831000  | 1,814,965.747100 |
| 986 - 987   | 55°58'43"SE | 9.93                  | 987             | 538,188.057700  | 1,814,960.193700 |
| 987 - 988   | 31°13'16"SE | 8.67                  | 988             | 538,192.552800  | 1,814,952.777600 |
| 988 - 989   | 11°39'40"SW | 3.32                  | 989             | 538,191.881800  | 1,814,949.526400 |
| 989 - 990   | 61°03'04"SE | 1.28                  | 990             | 538,193.005200  | 1,814,948.905000 |
| 990 - 991   | 42°54'08"SE | 40.78                 | 991             | 538,220.769000  | 1,814,919.030000 |
| 991 - 992   | 41°40'49"SE | 41.22                 | 992             | 538,248.177200  | 1,814,888.246500 |
| 992 - 993   | 40°09'33"SE | 39.65                 | 993             | 538,273.747200  | 1,814,857.945000 |
| 993 - 994   | 39°06'17"SE | 18.02                 | 994             | 538,285.115200  | 1,814,843.959100 |
| 994 - 995   | 41°11'23"SE | 6.67                  | 995             | 538,289.508500  | 1,814,838.938900 |
| 995 - 996   | 41°16'10"SE | 16.34                 | 996             | 538,300.287100  | 1,814,826.656700 |
| 996 - 997   | 43°45'59"SE | 1.15                  | 997             | 538,301.082400  | 1,814,825.826400 |
| 997 - 998   | 82°05'35"NE | 4.16                  | 998             | 538,305.199500  | 1,814,826.398200 |
| 998 - 999   | 79°39'19"NE | 4.18                  | 999             | 538,309.306700  | 1,814,827.147900 |
| 999 - 1000  | 70°46'18"SE | 6.73                  | 1,000           | 538,315.660100  | 1,814,824.931900 |
| 1000 - 1001 | 57°09'08"SE | 10.24                 | 1,001           | 538,324.260500  | 1,814,819.379200 |
| 1001 - 1002 | 57°14'20"SE | 8.89                  | 1,002           | 538,331.739100  | 1,814,814.566800 |
| 1002 - 1003 | 68°58'12"SE | 7.21                  | 1,003           | 538,338.466700  | 1,814,811.980300 |
| 1003 - 1004 | 00°06'03"SE | 7.42                  | 1,004           | 538,338.479800  | 1,814,804.556400 |
| 1004 - 1005 | 29°59'57"SE | 8.99                  | 1,005           | 538,342.975600  | 1,814,796.769200 |
| 1005 - 1006 | 37°58'01"SE | 31.03                 | 1,006           | 538,362.067500  | 1,814,772.303800 |
| 1006 - 1007 | 40°15'47"SE | 15.06                 | 1,007           | 538,371.799000  | 1,814,760.813800 |
| 1007 - 1008 | 47°46'02"SE | 24.25                 | 1,008           | 538,389.756000  | 1,814,744.512800 |
| 1008 - 1009 | 39°02'24"SE | 31.50                 | 1,009           | 538,409.595000  | 1,814,720.048800 |
| 1009 - 1010 | 31°52'03"SE | 5.68                  | 1,010           | 538,412.591600  | 1,814,715.228500 |
| 1010 - 1011 | 47°46'02"SE | 6.06                  | 1,011           | 538,417.080900  | 1,814,711.153200 |
| 1011 - 1012 | 48°51'13"SE | 8.45                  | 1,012           | 538,423.440300  | 1,814,705.596500 |
| 1012 - 1013 | 71°46'18"SE | 4.72                  | 1,013           | 538,427.924900  | 1,814,704.119600 |
| 1013 - 1014 | 07°16'12"SE | 5.99                  | 1,014           | 538,428.682400  | 1,814,698.181800 |
| 1014 - 1015 | 33°44'55"SW | 2.68                  | 1,015           | 538,427.192500  | 1,814,695.951900 |
| 1015 - 1016 | 48°46'52"SE | 12.93                 | 1,016           | 538,436.918700  | 1,814,687.431600 |
| 1016 - 1017 | 36°10'46"SE | 13.32                 | 1,017           | 538,444.781300  | 1,814,676.680700 |
| 1017 - 1018 | 56°13'11"SE | 16.65                 | 1,018           | 538,458.617400  | 1,814,667.425200 |
| 1018 - 1019 | 32°59'53"SE | 12.38                 | 1,019           | 538,465.358900  | 1,814,657.043500 |
| 1019 - 1020 | 20°56'41"SE | 14.70                 | 1,020           | 538,470.612300  | 1,814,643.318400 |
| 1020 - 1021 | 58°33'31"SE | 14.90                 | 1,021           | 538,483.325300  | 1,814,635.545800 |
| 1021 - 1022 | 64°07'39"SE | 21.19                 | 1,022           | 538,502.390500  | 1,814,626.299600 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1022 - 1023 | 53°24'05"SE | 13.04                 | 1,023           | 538,512.862400  | 1,814,618.522900 |
| 1023 - 1024 | 32°38'35"SE | 18.05                 | 1,024           | 538,522.600600  | 1,814,603.321000 |
| 1024 - 1025 | 37°30'26"SE | 11.68                 | 1,025           | 538,529.713700  | 1,814,594.053500 |
| 1025 - 1026 | 36°17'51"SE | 10.12                 | 1,026           | 538,535.704200  | 1,814,585.897700 |
| 1026 - 1027 | 47°15'15"SE | 7.64                  | 1,027           | 538,541.316100  | 1,814,580.710900 |
| 1027 - 1028 | 34°28'56"SE | 11.24                 | 1,028           | 538,547.682200  | 1,814,571.442100 |
| 1028 - 1029 | 35°34'48"SE | 10.94                 | 1,029           | 538,554.047600  | 1,814,562.544500 |
| 1029 - 1030 | 43°43'52"SE | 9.74                  | 1,030           | 538,560.783300  | 1,814,555.503700 |
| 1030 - 1031 | 53°48'05"SE | 10.66                 | 1,031           | 538,569.385100  | 1,814,549.208500 |
| 1031 - 1032 | 49°54'44"SE | 9.78                  | 1,032           | 538,576.866400  | 1,814,542.911400 |
| 1032 - 1033 | 84°25'35"SE | 7.51                  | 1,033           | 538,584.337900  | 1,814,542.182300 |
| 1033 - 1034 | 85°31'32"NE | 4.87                  | 1,034           | 538,589.192800  | 1,814,542.562200 |
| 1034 - 1035 | 51°24'37"NE | 2.39                  | 1,035           | 538,591.057600  | 1,814,544.050300 |
| 1035 - 1036 | 70°01'43"NE | 4.37                  | 1,036           | 538,595.163500  | 1,814,545.542400 |
| 1036 - 1037 | 33°57'22"SE | 4.02                  | 1,037           | 538,597.410500  | 1,814,542.205600 |
| 1037 - 1038 | 00°06'09"SE | 5.20                  | 1,038           | 538,597.419800  | 1,814,537.008800 |
| 1038 - 1039 | 71°33'59"SW | 2.36                  | 1,039           | 538,595.180100  | 1,814,536.262300 |
| 1039 - 1040 | 32°47'41"SW | 6.19                  | 1,040           | 538,591.827800  | 1,814,531.059500 |
| 1040 - 1041 | 40°52'45"SE | 3.43                  | 1,041           | 538,594.073500  | 1,814,528.465100 |
| 1041 - 1042 | 09°37'17"SE | 4.52                  | 1,042           | 538,594.828400  | 1,814,524.012000 |
| 1042 - 1043 | 34°57'45"SE | 5.88                  | 1,043           | 538,598.198500  | 1,814,519.192300 |
| 1043 - 1044 | 45°16'46"SE | 6.32                  | 1,044           | 538,602.688500  | 1,814,514.745900 |
| 1044 - 1045 | 21°15'33"SE | 5.17                  | 1,045           | 538,604.564700  | 1,814,509.923600 |
| 1045 - 1046 | 54°00'59"SE | 6.93                  | 1,046           | 538,610.174500  | 1,814,505.850300 |
| 1046 - 1047 | 56°34'33"SE | 5.38                  | 1,047           | 538,614.661900  | 1,814,502.888700 |
| 1047 - 1048 | 37°08'33"SE | 5.58                  | 1,048           | 538,618.031400  | 1,814,498.440300 |
| 1048 - 1049 | 33°57'19"SE | 5.36                  | 1,049           | 538,621.027400  | 1,814,493.991100 |
| 1049 - 1050 | 28°00'24"SE | 7.98                  | 1,050           | 538,624.775000  | 1,814,486.944900 |
| 1050 - 1051 | 00°06'09"SE | 7.08                  | 1,051           | 538,624.787700  | 1,814,479.861800 |
| 1051 - 1052 | 44°32'10"SE | 2.25                  | 1,052           | 538,626.362800  | 1,814,478.261000 |
| 1052 - 1053 | 42°44'08"SE | 11.91                 | 1,053           | 538,634.442900  | 1,814,469.515600 |
| 1053 - 1054 | 89°53'53"NE | 4.56                  | 1,054           | 538,638.999400  | 1,814,469.523700 |
| 1054 - 1055 | 67°01'54"SE | 5.68                  | 1,055           | 538,644.232500  | 1,814,467.305800 |
| 1055 - 1056 | 34°38'51"SE | 8.56                  | 1,056           | 538,649.100600  | 1,814,460.261600 |
| 1056 - 1057 | 45°16'45"SE | 6.85                  | 1,057           | 538,653.964900  | 1,814,455.444500 |
| 1057 - 1058 | 49°05'31"SE | 7.92                  | 1,058           | 538,659.950200  | 1,814,450.258400 |
| 1058 - 1059 | 63°40'43"SE | 5.00                  | 1,059           | 538,664.436200  | 1,814,448.039200 |
| 1059 - 1060 | 12°42'24"SE | 3.42                  | 1,060           | 538,665.189200  | 1,814,444.699700 |
| 1060 - 1061 | 43°29'21"SE | 16.86                 | 1,061           | 538,676.789800  | 1,814,432.470600 |
| 1061 - 1062 | 40°18'24"SE | 12.15                 | 1,062           | 538,684.650000  | 1,814,423.204400 |
| 1062 - 1063 | 52°42'18"SE | 24.45                 | 1,063           | 538,704.099000  | 1,814,408.391000 |
| 1063 - 1064 | 54°23'17"SE | 21.62                 | 1,064           | 538,721.676300  | 1,814,395.801400 |
| 1064 - 1065 | 15°56'11"SW | 5.41                  | 1,065           | 538,720.191600  | 1,814,390.601900 |
| 1065 - 1066 | 10°15'52"SW | 4.15                  | 1,066           | 538,719.451900  | 1,814,386.517200 |
| 1066 - 1067 | 57°47'28"SE | 4.86                  | 1,067           | 538,723.565100  | 1,814,383.926100 |
| 1067 - 1068 | 54°43'56"SE | 6.41                  | 1,068           | 538,728.800900  | 1,814,380.223400 |
| 1068 - 1069 | 45°16'47"SE | 4.21                  | 1,069           | 538,731.794300  | 1,814,377.259100 |
| 1069 - 1070 | 41°11'30"SE | 7.39                  | 1,070           | 538,736.659800  | 1,814,371.699700 |
| 1070 - 1071 | 58°04'00"SE | 11.90                 | 1,071           | 538,746.755900  | 1,814,365.407300 |
| 1071 - 1072 | 84°41'43"SE | 7.88                  | 1,072           | 538,754.600800  | 1,814,364.678900 |
| 1072 - 1073 | 67°50'48"SE | 6.86                  | 1,073           | 538,760.955100  | 1,814,362.091800 |
| 1073 - 1074 | 12°03'47"SE | 7.21                  | 1,074           | 538,762.461800  | 1,814,355.041600 |
| 1074 - 1075 | 30°30'43"SE | 5.17                  | 1,075           | 538,765.084200  | 1,814,350.591800 |
| 1075 - 1076 | 31°13'24"SE | 8.67                  | 1,076           | 538,769.579700  | 1,814,343.175700 |
| 1076 - 1077 | 31°41'22"SE | 7.84                  | 1,077           | 538,773.700200  | 1,814,336.501300 |
| 1077 - 1078 | 45°16'49"SE | 9.48                  | 1,078           | 538,780.435400  | 1,814,329.831700 |
| 1078 - 1079 | 18°26'22"SW | 3.52                  | 1,079           | 538,779.320800  | 1,814,326.488800 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1079 - 1080 | 47°00'55"SE | 8.69                  | 1,080           | 538,785.681100  | 1,814,320.560900 |
| 1080 - 1081 | 47°24'02"SE | 7.12                  | 1,081           | 538,790.918900  | 1,814,315.744600 |
| 1081 - 1082 | 35°15'39"SE | 9.08                  | 1,082           | 538,796.161300  | 1,814,308.329800 |
| 1082 - 1083 | 72°50'58"SE | 6.26                  | 1,083           | 538,802.140800  | 1,814,306.484500 |
| 1083 - 1084 | 50°10'32"SE | 9.25                  | 1,084           | 538,809.248100  | 1,814,300.557800 |
| 1084 - 1085 | 56°34'33"SE | 5.38                  | 1,085           | 538,813.735500  | 1,814,297.596200 |
| 1085 - 1086 | 42°05'57"SE | 9.49                  | 1,086           | 538,820.097800  | 1,814,290.554700 |
| 1086 - 1087 | 32°59'56"SE | 6.19                  | 1,087           | 538,823.468700  | 1,814,285.363800 |
| 1087 - 1088 | 09°53'22"SE | 5.70                  | 1,088           | 538,824.447400  | 1,814,279.750100 |
| 1088 - 1089 | 49°41'37"SE | 24.25                 | 1,089           | 538,842.943300  | 1,814,264.061000 |
| 1089 - 1090 | 43°34'24"SE | 19.82                 | 1,090           | 538,856.604100  | 1,814,249.702500 |
| 1090 - 1091 | 43°34'24"SE | 28.28                 | 1,091           | 538,876.098900  | 1,814,229.212000 |
| 1091 - 1092 | 38°04'45"SE | 42.69                 | 1,092           | 538,902.425900  | 1,814,195.611000 |
| 1092 - 1093 | 41°57'32"SE | 36.26                 | 1,093           | 538,926.670400  | 1,814,168.645900 |
| 1093 - 1094 | 39°24'37"SE | 1.14                  | 1,094           | 538,927.393100  | 1,814,167.766400 |
| 1094 - 1095 | 83°55'26"NE | 4.63                  | 1,095           | 538,931.997300  | 1,814,168.256500 |
| 1095 - 1096 | 54°02'18"NE | 5.07                  | 1,096           | 538,936.100600  | 1,814,171.233500 |
| 1096 - 1097 | 76°09'02"SE | 4.62                  | 1,097           | 538,940.584700  | 1,814,170.128000 |
| 1097 - 1098 | 00°06'10"SE | 4.45                  | 1,098           | 538,940.592700  | 1,814,165.673500 |
| 1098 - 1099 | 00°06'16"SE | 3.34                  | 1,099           | 538,940.598800  | 1,814,162.332600 |
| 1099 - 1100 | 22°50'56"SE | 4.83                  | 1,100           | 538,942.474400  | 1,814,157.881400 |
| 1100 - 1101 | 54°43'55"SE | 6.41                  | 1,101           | 538,947.710100  | 1,814,154.178700 |
| 1101 - 1102 | 42°16'04"SE | 5.01                  | 1,102           | 538,951.078500  | 1,814,150.472700 |
| 1102 - 1103 | 05°38'37"SW | 3.73                  | 1,103           | 538,950.711600  | 1,814,146.759900 |
| 1103 - 1104 | 32°44'08"SE | 4.85                  | 1,104           | 538,953.333600  | 1,814,142.681300 |
| 1104 - 1105 | 53°24'06"SE | 3.73                  | 1,105           | 538,956.325600  | 1,814,140.459400 |
| 1105 - 1106 | 40°52'45"SE | 13.73                 | 1,106           | 538,965.308600  | 1,814,130.081600 |
| 1106 - 1107 | 35°48'38"SE | 3.20                  | 1,107           | 538,967.180900  | 1,814,127.486600 |
| 1107 - 1108 | 59°59'58"SE | 5.18                  | 1,108           | 538,971.667700  | 1,814,124.896100 |
| 1108 - 1109 | 70°14'02"SE | 4.37                  | 1,109           | 538,975.779000  | 1,814,123.418700 |
| 1109 - 1110 | 08°17'00"SE | 2.63                  | 1,110           | 538,976.157200  | 1,814,120.821000 |
| 1110 - 1111 | 00°06'12"SE | 3.71                  | 1,111           | 538,976.163900  | 1,814,117.108800 |
| 1111 - 1112 | 23°51'43"SE | 6.49                  | 1,112           | 538,978.789100  | 1,814,111.174100 |
| 1112 - 1113 | 42°03'35"SW | 2.44                  | 1,113           | 538,977.157200  | 1,814,109.365500 |
| 1113 - 1114 | 46°17'44"SE | 22.07                 | 1,114           | 538,993.109600  | 1,814,094.118700 |
| 1114 - 1115 | 45°21'08"SE | 43.00                 | 1,115           | 539,023.703500  | 1,814,063.898800 |
| 1115 - 1116 | 44°26'14"SE | 33.35                 | 1,116           | 539,047.049900  | 1,814,040.089400 |
| 1116 - 1117 | 42°42'20"SE | 27.36                 | 1,117           | 539,065.606100  | 1,814,019.984200 |
| 1117 - 1118 | 81°24'39"SE | 7.18                  | 1,118           | 539,072.707500  | 1,814,018.911600 |
| 1118 - 1119 | 33°57'25"SE | 8.05                  | 1,119           | 539,077.201700  | 1,814,012.237900 |
| 1119 - 1120 | 57°31'45"SE | 6.21                  | 1,120           | 539,082.437000  | 1,814,008.906400 |
| 1120 - 1121 | 69°39'47"SE | 6.38                  | 1,121           | 539,088.417200  | 1,814,006.689900 |
| 1121 - 1122 | 32°32'22"SE | 8.36                  | 1,122           | 539,092.912200  | 1,813,999.644900 |
| 1122 - 1123 | 57°31'41"SE | 6.21                  | 1,123           | 539,098.147300  | 1,813,996.313400 |
| 1123 - 1124 | 21°08'47"SE | 13.52                 | 1,124           | 539,103.025800  | 1,813,983.701000 |
| 1124 - 1125 | 45°16'48"SE | 7.37                  | 1,125           | 539,108.264400  | 1,813,978.513400 |
| 1125 - 1126 | 69°11'08"SE | 5.20                  | 1,126           | 539,113.123500  | 1,813,976.666200 |
| 1126 - 1127 | 58°15'21"SE | 3.52                  | 1,127           | 539,116.114900  | 1,813,974.815500 |
| 1127 - 1128 | 16°54'04"SE | 3.88                  | 1,128           | 539,117.242200  | 1,813,971.105400 |
| 1128 - 1129 | 15°56'11"SW | 2.70                  | 1,129           | 539,116.499800  | 1,813,968.505500 |
| 1129 - 1130 | 15°56'06"SW | 2.70                  | 1,130           | 539,115.757500  | 1,813,965.905700 |
| 1130 - 1131 | 33°57'24"SE | 4.02                  | 1,131           | 539,118.004600  | 1,813,962.568800 |
| 1131 - 1132 | 49°05'34"SE | 3.96                  | 1,132           | 539,120.997400  | 1,813,959.975700 |
| 1132 - 1133 | 35°48'34"SE | 3.20                  | 1,133           | 539,122.869700  | 1,813,957.380600 |
| 1133 - 1134 | 55°03'11"SE | 7.76                  | 1,134           | 539,129.227500  | 1,813,952.937600 |
| 1134 - 1135 | 00°06'12"SE | 6.31                  | 1,135           | 539,129.238900  | 1,813,946.626900 |
| 1135 - 1136 | 16°41'39"SW | 1.68                  | 1,136           | 539,128.756800  | 1,813,945.019400 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1136 - 1137 | 41°06'22"SE | 35.39                 | 1,137           | 539,152.024700  | 1,813,918.352700 |
| 1137 - 1138 | 41°52'24"SE | 40.78                 | 1,138           | 539,179.244800  | 1,813,887.987000 |
| 1138 - 1139 | 41°45'32"SE | 39.85                 | 1,139           | 539,205.784200  | 1,813,858.261400 |
| 1139 - 1140 | 86°56'40"SE | 3.93                  | 1,140           | 539,209.705300  | 1,813,858.052100 |
| 1140 - 1141 | 30°30'51"SE | 5.17                  | 1,141           | 539,212.328000  | 1,813,853.602200 |
| 1141 - 1142 | 67°02'00"SE | 5.68                  | 1,142           | 539,217.561300  | 1,813,851.384400 |
| 1142 - 1143 | 45°16'49"SE | 5.79                  | 1,143           | 539,221.677300  | 1,813,847.308500 |
| 1143 - 1144 | 32°44'06"SE | 4.85                  | 1,144           | 539,224.299300  | 1,813,843.229800 |
| 1144 - 1145 | 26°48'42"SE | 4.16                  | 1,145           | 539,226.173700  | 1,813,839.521000 |
| 1145 - 1146 | 43°32'40"SE | 8.69                  | 1,146           | 539,232.161300  | 1,813,833.221200 |
| 1146 - 1147 | 53°24'21"SE | 3.73                  | 1,147           | 539,235.153600  | 1,813,830.999400 |
| 1147 - 1148 | 08°54'08"SE | 4.88                  | 1,148           | 539,235.909300  | 1,813,826.174900 |
| 1148 - 1149 | 15°56'04"SW | 2.60                  | 1,149           | 539,235.194700  | 1,813,823.672000 |
| 1149 - 1150 | 39°16'03"SE | 3.20                  | 1,150           | 539,237.217400  | 1,813,821.197900 |
| 1150 - 1151 | 75°43'08"SE | 9.84                  | 1,151           | 539,246.754800  | 1,813,818.770200 |
| 1151 - 1152 | 63°40'48"SE | 5.84                  | 1,152           | 539,251.988700  | 1,813,816.181200 |
| 1152 - 1153 | 43°43'57"SE | 9.74                  | 1,153           | 539,258.724800  | 1,813,809.140300 |
| 1153 - 1154 | 05°38'25"SW | 3.73                  | 1,154           | 539,258.358100  | 1,813,805.427400 |
| 1154 - 1155 | 23°09'47"SE | 10.49                 | 1,155           | 539,262.484300  | 1,813,795.783200 |
| 1155 - 1156 | 55°16'43"SE | 9.10                  | 1,156           | 539,269.964000  | 1,813,790.599900 |
| 1156 - 1157 | 42°59'21"SE | 6.59                  | 1,157           | 539,274.455000  | 1,813,785.782100 |
| 1157 - 1158 | 71°46'27"SE | 4.72                  | 1,158           | 539,278.939900  | 1,813,784.305300 |
| 1158 - 1159 | 26°48'42"SE | 4.99                  | 1,159           | 539,281.189100  | 1,813,779.854900 |
| 1159 - 1160 | 26°48'42"SE | 3.32                  | 1,160           | 539,282.688600  | 1,813,776.887900 |
| 1160 - 1161 | 13°10'33"SE | 4.95                  | 1,161           | 539,283.817900  | 1,813,772.064000 |
| 1161 - 1162 | 07°54'57"SE | 4.04                  | 1,162           | 539,284.373700  | 1,813,768.066700 |
| 1162 - 1163 | 77°39'02"SE | 5.56                  | 1,163           | 539,289.803600  | 1,813,766.877900 |
| 1163 - 1164 | 50°19'15"SE | 17.98                 | 1,164           | 539,303.644700  | 1,813,755.395300 |
| 1164 - 1165 | 42°47'26"SE | 12.12                 | 1,165           | 539,311.878200  | 1,813,746.501000 |
| 1165 - 1166 | 53°24'14"SE | 9.32                  | 1,166           | 539,319.358700  | 1,813,740.946300 |
| 1166 - 1167 | 21°15'37"SE | 10.35                 | 1,167           | 539,323.111400  | 1,813,731.301400 |
| 1167 - 1168 | 53°24'15"SE | 7.45                  | 1,168           | 539,329.095800  | 1,813,726.857700 |
| 1168 - 1169 | 49°05'35"SE | 7.92                  | 1,169           | 539,335.081500  | 1,813,721.671500 |
| 1169 - 1170 | 45°16'55"SE | 3.16                  | 1,170           | 539,337.326700  | 1,813,719.448300 |
| 1170 - 1171 | 21°04'34"SE | 8.35                  | 1,171           | 539,340.329000  | 1,813,711.658100 |
| 1171 - 1172 | 47°15'22"SE | 7.64                  | 1,172           | 539,345.941300  | 1,813,706.471300 |
| 1172 - 1173 | 33°22'37"SE | 10.21                 | 1,173           | 539,351.559500  | 1,813,697.943400 |
| 1173 - 1174 | 47°40'00"SE | 12.65                 | 1,174           | 539,360.913100  | 1,813,689.422400 |
| 1174 - 1175 | 46°33'14"SE | 11.85                 | 1,175           | 539,369.518900  | 1,813,681.271200 |
| 1175 - 1176 | 65°02'20"SE | 7.01                  | 1,176           | 539,375.874100  | 1,813,678.313000 |
| 1176 - 1177 | 45°58'18"SE | 21.86                 | 1,177           | 539,391.589600  | 1,813,663.121700 |
| 1177 - 1178 | 38°56'08"SE | 2.38                  | 1,178           | 539,393.087100  | 1,813,661.268200 |
| 1178 - 1179 | 17°33'33"SE | 6.23                  | 1,179           | 539,394.965500  | 1,813,655.332100 |
| 1179 - 1180 | 28°33'11"SE | 10.98                 | 1,180           | 539,400.212300  | 1,813,645.690000 |
| 1180 - 1181 | 53°48'15"SE | 10.66                 | 1,181           | 539,408.814800  | 1,813,639.394900 |
| 1181 - 1182 | 41°05'39"SE | 10.82                 | 1,182           | 539,415.926500  | 1,813,631.241000 |
| 1182 - 1183 | 21°28'28"SE | 7.18                  | 1,183           | 539,418.553300  | 1,813,624.563800 |
| 1183 - 1184 | 30°00'06"SE | 3.00                  | 1,184           | 539,420.052100  | 1,813,621.968000 |
| 1184 - 1185 | 24°40'57"SE | 4.49                  | 1,185           | 539,421.927200  | 1,813,617.888000 |
| 1185 - 1186 | 63°40'49"SE | 10.84                 | 1,186           | 539,431.647500  | 1,813,613.079800 |
| 1186 - 1187 | 31°13'31"SE | 6.50                  | 1,187           | 539,435.019400  | 1,813,607.517700 |
| 1187 - 1188 | 71°46'30"SE | 7.08                  | 1,188           | 539,441.746800  | 1,813,605.302600 |
| 1188 - 1189 | 34°33'21"SE | 9.90                  | 1,189           | 539,447.364400  | 1,813,597.146000 |
| 1189 - 1190 | 06°29'06"SE | 3.36                  | 1,190           | 539,447.744100  | 1,813,593.805700 |
| 1190 - 1191 | 33°17'22"SE | 8.87                  | 1,191           | 539,452.613300  | 1,813,586.390100 |
| 1191 - 1192 | 40°05'05"SE | 5.81                  | 1,192           | 539,456.356700  | 1,813,581.942300 |
| 1192 - 1193 | 36°18'00"SE | 5.06                  | 1,193           | 539,459.352300  | 1,813,577.864300 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1193 - 1194 | 52°52'13"SE | 7.98                  | 1,194           | 539,465.711000  | 1,813,573.050100 |
| 1194 - 1195 | 38°56'12"SE | 7.15                  | 1,195           | 539,470.203400  | 1,813,567.489900 |
| 1195 - 1196 | 35°34'59"SE | 10.94                 | 1,196           | 539,476.569500  | 1,813,558.592300 |
| 1196 - 1197 | 45°16'49"SE | 7.90                  | 1,197           | 539,482.182400  | 1,813,553.034100 |
| 1197 - 1198 | 81°48'53"NE | 2.64                  | 1,198           | 539,484.796500  | 1,813,553.410100 |
| 1198 - 1199 | 45°16'46"SE | 1.58                  | 1,199           | 539,485.919000  | 1,813,552.298500 |
| 1199 - 1200 | 29°18'34"SE | 7.66                  | 1,200           | 539,489.666400  | 1,813,545.623300 |
| 1200 - 1201 | 51°11'04"SE | 7.68                  | 1,201           | 539,495.651600  | 1,813,540.808400 |
| 1201 - 1202 | 41°46'36"SE | 12.92                 | 1,202           | 539,504.260200  | 1,813,531.172400 |
| 1202 - 1203 | 67°50'54"SE | 6.86                  | 1,203           | 539,510.614800  | 1,813,528.585400 |
| 1203 - 1204 | 40°22'47"SE | 9.24                  | 1,204           | 539,516.604000  | 1,813,521.543100 |
| 1204 - 1205 | 18°38'52"SE | 3.52                  | 1,205           | 539,517.730800  | 1,813,518.204100 |
| 1205 - 1206 | 36°31'38"SE | 6.92                  | 1,206           | 539,521.849700  | 1,813,512.643300 |
| 1206 - 1207 | 45°16'51"SE | 6.85                  | 1,207           | 539,526.714200  | 1,813,507.826300 |
| 1207 - 1208 | 28°33'15"SE | 5.49                  | 1,208           | 539,529.337700  | 1,813,503.005300 |
| 1208 - 1209 | 18°38'45"SE | 5.87                  | 1,209           | 539,531.215500  | 1,813,497.440300 |
| 1209 - 1210 | 42°47'28"SE | 12.12                 | 1,210           | 539,539.449200  | 1,813,488.546000 |
| 1210 - 1211 | 55°45'42"SE | 7.24                  | 1,211           | 539,545.433100  | 1,813,484.473500 |
| 1211 - 1212 | 45°16'53"SE | 7.90                  | 1,212           | 539,551.046100  | 1,813,478.915400 |
| 1212 - 1213 | 30°00'07"SE | 8.99                  | 1,213           | 539,555.542600  | 1,813,471.127900 |
| 1213 - 1214 | 07°55'04"SE | 4.86                  | 1,214           | 539,556.211600  | 1,813,466.317700 |
| 1214 - 1215 | 80°41'57"SE | 4.63                  | 1,215           | 539,560.782100  | 1,813,465.569200 |
| 1215 - 1216 | 42°06'02"SE | 9.49                  | 1,216           | 539,567.144900  | 1,813,458.527500 |
| 1216 - 1217 | 47°07'43"SE | 8.17                  | 1,217           | 539,573.131400  | 1,813,452.970100 |
| 1217 - 1218 | 54°26'08"SE | 8.28                  | 1,218           | 539,579.863700  | 1,813,448.156600 |
| 1218 - 1219 | 18°38'46"SE | 3.52                  | 1,219           | 539,580.990400  | 1,813,444.817600 |
| 1219 - 1220 | 40°22'47"SE | 9.24                  | 1,220           | 539,586.979600  | 1,813,437.775300 |
| 1220 - 1221 | 47°34'19"SE | 6.59                  | 1,221           | 539,591.843600  | 1,813,433.329500 |
| 1221 - 1222 | 69°11'09"SE | 5.20                  | 1,222           | 539,596.702800  | 1,813,431.482300 |
| 1222 - 1223 | 59°17'48"SE | 8.70                  | 1,223           | 539,604.181500  | 1,813,427.041200 |
| 1223 - 1224 | 26°48'39"SE | 6.65                  | 1,224           | 539,607.180400  | 1,813,421.107200 |
| 1224 - 1225 | 18°38'48"SE | 5.87                  | 1,225           | 539,609.058300  | 1,813,415.542200 |
| 1225 - 1226 | 00°06'17"SE | 5.57                  | 1,226           | 539,609.068500  | 1,813,409.973900 |
| 1226 - 1227 | 45°16'55"SE | 13.69                 | 1,227           | 539,618.797800  | 1,813,400.339900 |
| 1227 - 1228 | 51°59'10"SE | 9.02                  | 1,228           | 539,625.904900  | 1,813,394.784500 |
| 1228 - 1229 | 30°30'58"SE | 5.17                  | 1,229           | 539,628.527800  | 1,813,390.334600 |
| 1229 - 1230 | 31°13'29"SE | 10.84                 | 1,230           | 539,634.147600  | 1,813,381.064300 |
| 1230 - 1231 | 52°52'11"SE | 7.98                  | 1,231           | 539,640.506300  | 1,813,376.250000 |
| 1231 - 1232 | 44°00'32"SE | 11.85                 | 1,232           | 539,648.739500  | 1,813,367.727000 |
| 1232 - 1233 | 45°16'55"SE | 12.11                 | 1,233           | 539,657.346300  | 1,813,359.204500 |
| 1233 - 1234 | 34°51'44"SE | 13.10                 | 1,234           | 539,664.836400  | 1,813,348.452700 |
| 1234 - 1235 | 51°59'15"SE | 9.02                  | 1,235           | 539,671.943700  | 1,813,342.897400 |
| 1235 - 1236 | 43°26'01"SE | 8.17                  | 1,236           | 539,677.557500  | 1,813,336.968000 |
| 1236 - 1237 | 45°16'55"SE | 6.32                  | 1,237           | 539,682.047900  | 1,813,332.521600 |
| 1237 - 1238 | 66°16'24"SE | 7.35                  | 1,238           | 539,688.776800  | 1,813,329.564100 |
| 1238 - 1239 | 24°48'18"SW | 5.32                  | 1,239           | 539,686.544500  | 1,813,324.734100 |
| 1239 - 1240 | 08°17'06"SE | 5.25                  | 1,240           | 539,687.301100  | 1,813,319.538300 |
| 1240 - 1241 | 40°30'58"SE | 6.34                  | 1,241           | 539,691.418700  | 1,813,314.720000 |
| 1241 - 1242 | 16°35'25"SE | 6.58                  | 1,242           | 539,693.297900  | 1,813,308.412500 |
| 1242 - 1243 | 46°36'50"SE | 11.33                 | 1,243           | 539,701.529700  | 1,813,300.631900 |
| 1243 - 1244 | 66°36'21"SE | 6.52                  | 1,244           | 539,707.511000  | 1,813,298.044300 |
| 1244 - 1245 | 60°30'44"SE | 6.01                  | 1,245           | 539,712.745800  | 1,813,295.084100 |
| 1245 - 1246 | 34°57'57"SE | 5.88                  | 1,246           | 539,716.116400  | 1,813,290.264300 |
| 1246 - 1247 | 49°40'42"SE | 6.87                  | 1,247           | 539,721.353900  | 1,813,285.819200 |
| 1247 - 1248 | 40°30'56"SE | 6.34                  | 1,248           | 539,725.471500  | 1,813,281.000800 |
| 1248 - 1249 | 40°05'05"SE | 5.81                  | 1,249           | 539,729.214900  | 1,813,276.553000 |
| 1249 - 1250 | 25°53'05"SE | 10.31                 | 1,250           | 539,733.714300  | 1,813,267.280600 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1250 - 1251 | 01°48'58"SW | 5.17                  | 1,251           | 539,733.550600  | 1,813,262.117900 |
| 1251 - 1252 | 44°10'32"SE | 3.50                  | 1,252           | 539,735.989300  | 1,813,259.608000 |
| 1252 - 1253 | 45°56'52"SE | 0.36                  | 1,253           | 539,736.250400  | 1,813,259.355400 |
| 1253 - 1254 | 87°59'47"SE | 6.45                  | 1,254           | 539,742.694000  | 1,813,259.130000 |
| 1254 - 1255 | 89°53'40"NE | 5.98                  | 1,255           | 539,748.670400  | 1,813,259.141000 |
| 1255 - 1256 | 56°34'39"SE | 5.38                  | 1,256           | 539,753.158100  | 1,813,256.179400 |
| 1256 - 1257 | 11°29'02"SE | 3.79                  | 1,257           | 539,753.912000  | 1,813,252.468600 |
| 1257 - 1258 | 12°03'42"SW | 5.32                  | 1,258           | 539,752.801000  | 1,813,247.269300 |
| 1258 - 1259 | 54°44'06"SE | 6.41                  | 1,259           | 539,758.037200  | 1,813,243.566700 |
| 1259 - 1260 | 59°40'49"SE | 9.53                  | 1,260           | 539,766.263600  | 1,813,238.755800 |
| 1260 - 1261 | 66°36'23"SE | 6.52                  | 1,261           | 539,772.244800  | 1,813,236.168300 |
| 1261 - 1262 | 49°54'56"SE | 9.78                  | 1,262           | 539,779.727000  | 1,813,229.871200 |
| 1262 - 1263 | 35°35'00"SE | 10.94                 | 1,263           | 539,786.093300  | 1,813,220.973400 |
| 1263 - 1264 | 43°44'02"SE | 9.74                  | 1,264           | 539,792.829800  | 1,813,213.932400 |
| 1264 - 1265 | 45°16'57"SE | 12.64                 | 1,265           | 539,801.810900  | 1,813,205.039500 |
| 1265 - 1266 | 35°58'47"SE | 14.66                 | 1,266           | 539,810.423800  | 1,813,193.176100 |
| 1266 - 1267 | 45°16'56"SE | 8.95                  | 1,267           | 539,816.785400  | 1,813,186.876900 |
| 1267 - 1268 | 26°06'39"SE | 13.63                 | 1,268           | 539,822.784400  | 1,813,174.637400 |
| 1268 - 1269 | 47°24'11"SE | 14.23                 | 1,269           | 539,833.260900  | 1,813,165.004800 |
| 1269 - 1270 | 38°09'07"SE | 16.97                 | 1,270           | 539,843.744300  | 1,813,151.659800 |
| 1270 - 1271 | 40°18'37"SE | 12.15                 | 1,271           | 539,851.605500  | 1,813,142.393600 |
| 1271 - 1272 | 40°22'51"SE | 9.24                  | 1,272           | 539,857.595000  | 1,813,135.351200 |
| 1272 - 1273 | 36°18'03"SE | 10.12                 | 1,273           | 539,863.586400  | 1,813,127.195200 |
| 1273 - 1274 | 30°43'35"SE | 7.33                  | 1,274           | 539,867.333400  | 1,813,120.891200 |
| 1274 - 1275 | 49°40'43"SE | 13.74                 | 1,275           | 539,877.808500  | 1,813,112.001000 |
| 1275 - 1276 | 43°18'28"SE | 7.64                  | 1,276           | 539,883.048300  | 1,813,106.442200 |
| 1276 - 1277 | 25°00'54"SE | 5.32                  | 1,277           | 539,885.298300  | 1,813,101.620400 |
| 1277 - 1278 | 52°07'13"SE | 6.63                  | 1,278           | 539,890.535300  | 1,813,097.546500 |
| 1278 - 1279 | 72°51'05"SE | 6.26                  | 1,279           | 539,896.515200  | 1,813,095.701300 |
| 1279 - 1280 | 76°56'37"SE | 6.52                  | 1,280           | 539,902.867900  | 1,813,094.228100 |
| 1280 - 1281 | 23°04'00"SE | 7.66                  | 1,281           | 539,905.869200  | 1,813,087.180300 |
| 1281 - 1282 | 36°39'32"SE | 8.78                  | 1,282           | 539,911.111600  | 1,813,080.136600 |
| 1282 - 1283 | 40°05'07"SE | 8.72                  | 1,283           | 539,916.726800  | 1,813,073.464900 |
| 1283 - 1284 | 17°43'58"SE | 7.40                  | 1,284           | 539,918.981000  | 1,813,066.415600 |
| 1284 - 1285 | 11°39'14"SW | 3.58                  | 1,285           | 539,918.257200  | 1,813,062.906300 |
| 1285 - 1286 | 40°03'40"SE | 2.41                  | 1,286           | 539,919.811400  | 1,813,061.058100 |
| 1286 - 1287 | 46°16'13"SE | 78.63                 | 1,287           | 539,976.633300  | 1,813,006.701600 |
| 1287 - 1288 | 40°27'35"SE | 106.40                | 1,288           | 540,045.676500  | 1,812,925.747400 |
| 1288 - 1289 | 47°10'30"SE | 22.18                 | 1,289           | 540,061.944200  | 1,812,910.670300 |
| 1289 - 1290 | 87°44'03"SE | 6.74                  | 1,290           | 540,068.682300  | 1,812,910.403700 |
| 1290 - 1291 | 68°58'28"SE | 7.21                  | 1,291           | 540,075.410700  | 1,812,907.817500 |
| 1291 - 1292 | 15°27'06"SE | 4.23                  | 1,292           | 540,076.538900  | 1,812,903.736000 |
| 1292 - 1293 | 37°08'49"SE | 3.72                  | 1,293           | 540,078.785600  | 1,812,900.770400 |
| 1293 - 1294 | 50°59'22"SE | 5.30                  | 1,294           | 540,082.900600  | 1,812,897.436900 |
| 1294 - 1295 | 35°35'53"SW | 3.20                  | 1,295           | 540,081.037800  | 1,812,894.834800 |
| 1295 - 1296 | 24°40'55"SE | 4.49                  | 1,296           | 540,082.912900  | 1,812,890.754700 |
| 1296 - 1297 | 58°39'23"SE | 5.69                  | 1,297           | 540,087.774400  | 1,812,887.793800 |
| 1297 - 1298 | 31°13'30"SE | 4.34                  | 1,298           | 540,090.022400  | 1,812,884.085600 |
| 1298 - 1299 | 36°39'36"SE | 8.78                  | 1,299           | 540,095.265000  | 1,812,877.041900 |
| 1299 - 1300 | 47°34'23"SE | 6.59                  | 1,300           | 540,100.129100  | 1,812,872.596200 |
| 1300 - 1301 | 55°03'18"SE | 7.76                  | 1,301           | 540,106.487500  | 1,812,868.153100 |
| 1301 - 1302 | 44°03'51"SE | 12.38                 | 1,302           | 540,115.095300  | 1,812,859.259500 |
| 1302 - 1303 | 42°27'59"SE | 16.08                 | 1,303           | 540,125.949700  | 1,812,847.400100 |
| 1303 - 1304 | 25°26'38"SE | 6.98                  | 1,304           | 540,128.949700  | 1,812,841.094600 |
| 1304 - 1305 | 06°46'47"SE | 7.40                  | 1,305           | 540,129.822900  | 1,812,833.749700 |
| 1305 - 1306 | 40°47'53"SE | 1.51                  | 1,306           | 540,130.808500  | 1,812,832.607800 |
| 1306 - 1307 | 41°06'15"SE | 8.40                  | 1,307           | 540,136.330800  | 1,812,826.278400 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1307 - 1308 | 80°42'01"SE | 4.66                  | 1,308           | 540,140.931700  | 1,812,825.525000 |
| 1308 - 1309 | 52°52'17"SE | 7.98                  | 1,309           | 540,147.290800  | 1,812,820.710700 |
| 1309 - 1310 | 42°47'36"SE | 6.06                  | 1,310           | 540,151.407900  | 1,812,816.263600 |
| 1310 - 1311 | 49°40'46"SE | 6.87                  | 1,311           | 540,156.645600  | 1,812,811.818500 |
| 1311 - 1312 | 39°22'24"SE | 7.67                  | 1,312           | 540,161.512600  | 1,812,805.887700 |
| 1312 - 1313 | 45°17'02"SE | 5.79                  | 1,313           | 540,165.629000  | 1,812,801.811900 |
| 1313 - 1314 | 43°38'46"SE | 9.22                  | 1,314           | 540,171.991500  | 1,812,795.141400 |
| 1314 - 1315 | 53°24'23"SE | 7.45                  | 1,315           | 540,177.976400  | 1,812,790.697700 |
| 1315 - 1316 | 38°26'06"SE | 6.63                  | 1,316           | 540,182.094900  | 1,812,785.508000 |
| 1316 - 1317 | 51°37'07"SE | 11.93                 | 1,317           | 540,191.447000  | 1,812,778.100600 |
| 1317 - 1318 | 43°32'52"SE | 8.69                  | 1,318           | 540,197.435300  | 1,812,771.800800 |
| 1318 - 1319 | 59°47'43"SE | 7.36                  | 1,319           | 540,203.792400  | 1,812,768.100200 |
| 1319 - 1320 | 22°01'44"SE | 6.00                  | 1,320           | 540,206.043800  | 1,812,762.535900 |
| 1320 - 1321 | 01°57'55"SE | 5.90                  | 1,321           | 540,206.246200  | 1,812,756.637900 |
| 1321 - 1322 | 36°48'47"SE | 10.85                 | 1,322           | 540,212.746200  | 1,812,747.953300 |
| 1322 - 1323 | 87°55'51"NE | 3.41                  | 1,323           | 540,216.156200  | 1,812,748.076500 |
| 1323 - 1324 | 79°33'02"SE | 6.08                  | 1,324           | 540,222.134800  | 1,812,746.973900 |
| 1324 - 1325 | 45°17'00"SE | 6.32                  | 1,325           | 540,226.625500  | 1,812,742.527400 |
| 1325 - 1326 | 25°15'33"SE | 6.15                  | 1,326           | 540,229.250600  | 1,812,736.963700 |
| 1326 - 1327 | 28°00'42"SE | 7.98                  | 1,327           | 540,232.999100  | 1,812,729.917300 |
| 1327 - 1328 | 49°16'20"SE | 11.36                 | 1,328           | 540,241.604200  | 1,812,722.508500 |
| 1328 - 1329 | 41°46'44"SE | 12.92                 | 1,329           | 540,250.213500  | 1,812,712.872400 |
| 1329 - 1330 | 30°50'26"SE | 9.50                  | 1,330           | 540,255.084600  | 1,812,704.714200 |
| 1330 - 1331 | 14°39'45"SE | 6.26                  | 1,331           | 540,256.669000  | 1,812,698.658800 |
| 1331 - 1332 | 44°48'12"SE | 23.83                 | 1,332           | 540,273.459600  | 1,812,681.752600 |
| 1332 - 1333 | 41°12'43"SE | 23.16                 | 1,333           | 540,288.721200  | 1,812,664.326900 |
| 1333 - 1334 | 43°20'29"SE | 16.71                 | 1,334           | 540,300.187500  | 1,812,652.176800 |
| 1334 - 1335 | 47°58'06"SE | 4.57                  | 1,335           | 540,303.579900  | 1,812,649.118900 |
| 1335 - 1336 | 89°53'37"NE | 5.77                  | 1,336           | 540,309.351100  | 1,812,649.129600 |
| 1336 - 1337 | 59°17'56"SE | 6.52                  | 1,337           | 540,314.960400  | 1,812,645.798900 |
| 1337 - 1338 | 47°07'52"SE | 8.17                  | 1,338           | 540,320.947400  | 1,812,640.241500 |
| 1338 - 1339 | 52°02'40"SE | 15.66                 | 1,339           | 540,333.292000  | 1,812,630.612300 |
| 1339 - 1340 | 30°00'18"SE | 8.99                  | 1,340           | 540,337.789100  | 1,812,622.824700 |
| 1340 - 1341 | 33°57'35"SE | 10.73                 | 1,341           | 540,343.782200  | 1,812,613.926100 |
| 1341 - 1342 | 36°06'48"SE | 8.26                  | 1,342           | 540,348.650700  | 1,812,607.253000 |
| 1342 - 1343 | 48°08'43"SE | 10.55                 | 1,343           | 540,356.508200  | 1,812,600.214100 |
| 1343 - 1344 | 48°38'54"SE | 8.97                  | 1,344           | 540,363.242900  | 1,812,594.286800 |
| 1344 - 1345 | 46°52'28"SE | 18.97                 | 1,345           | 540,377.088100  | 1,812,581.319200 |
| 1345 - 1346 | 53°05'33"SE | 13.57                 | 1,346           | 540,387.935900  | 1,812,573.172300 |
| 1346 - 1347 | 36°39'37"SE | 8.78                  | 1,347           | 540,393.178600  | 1,812,566.128500 |
| 1347 - 1348 | 40°52'59"SE | 10.29                 | 1,348           | 540,399.916800  | 1,812,558.345100 |
| 1348 - 1349 | 16°08'46"SE | 5.41                  | 1,349           | 540,401.420700  | 1,812,553.150500 |
| 1349 - 1350 | 50°02'42"SE | 6.34                  | 1,350           | 540,406.284300  | 1,812,549.076000 |
| 1350 - 1351 | 49°40'48"SE | 6.87                  | 1,351           | 540,411.522200  | 1,812,544.630800 |
| 1351 - 1352 | 58°15'37"SE | 7.04                  | 1,352           | 540,417.505700  | 1,812,540.929600 |
| 1352 - 1353 | 82°01'39"SE | 2.64                  | 1,353           | 540,420.121200  | 1,812,540.563300 |
| 1353 - 1354 | 42°16'13"SE | 10.02                 | 1,354           | 540,426.858800  | 1,812,533.151100 |
| 1354 - 1355 | 05°51'10"SE | 7.57                  | 1,355           | 540,427.630600  | 1,812,525.621900 |
| 1355 - 1356 | 46°09'18"SE | 0.47                  | 1,356           | 540,427.969600  | 1,812,525.296300 |
| 1356 - 1357 | 74°56'28"SE | 5.44                  | 1,357           | 540,433.226300  | 1,812,523.882000 |
| 1357 - 1358 | 58°15'34"SE | 7.04                  | 1,358           | 540,439.209800  | 1,812,520.180700 |
| 1358 - 1359 | 53°24'24"SE | 11.18                 | 1,359           | 540,448.187300  | 1,812,513.515100 |
| 1359 - 1360 | 37°58'22"SE | 10.35                 | 1,360           | 540,454.552700  | 1,812,505.359800 |
| 1360 - 1361 | 65°13'32"SE | 6.18                  | 1,361           | 540,460.160700  | 1,812,502.771600 |
| 1361 - 1362 | 34°33'32"SE | 9.90                  | 1,362           | 540,465.779100  | 1,812,494.614800 |
| 1362 - 1363 | 05°51'07"SE | 7.09                  | 1,363           | 540,466.501900  | 1,812,487.562600 |
| 1363 - 1364 | 89°53'31"NE | 2.65                  | 1,364           | 540,469.154100  | 1,812,487.567600 |

| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1364 - 1365 | 80°18'00"SE | 8.72                  | 1,365           | 540,477.748300  | 1,812,486.098600 |
| 1365 - 1366 | 69°22'13"SE | 8.39                  | 1,366           | 540,485.598200  | 1,812,483.143400 |
| 1366 - 1367 | 45°17'03"SE | 19.49                 | 1,367           | 540,499.444900  | 1,812,469.433400 |
| 1367 - 1368 | 45°17'03"SE | 12.11                 | 1,368           | 540,508.052300  | 1,812,460.911000 |
| 1368 - 1369 | 28°51'59"SE | 9.32                  | 1,369           | 540,512.550100  | 1,812,452.752000 |
| 1369 - 1370 | 30°19'43"SE | 8.16                  | 1,370           | 540,516.672100  | 1,812,445.706200 |
| 1370 - 1371 | 48°00'36"SE | 11.08                 | 1,371           | 540,524.904000  | 1,812,438.296800 |
| 1371 - 1372 | 49°51'20"SE | 13.21                 | 1,372           | 540,535.005600  | 1,812,429.777100 |
| 1372 - 1373 | 47°18'18"SE | 22.40                 | 1,373           | 540,551.469900  | 1,812,414.587000 |
| 1373 - 1374 | 46°11'37"SE | 16.59                 | 1,374           | 540,563.444800  | 1,812,403.101000 |
| 1374 - 1375 | 51°54'42"SE | 11.41                 | 1,375           | 540,572.423000  | 1,812,396.064200 |
| 1375 - 1376 | 70°33'56"SE | 5.55                  | 1,376           | 540,577.656100  | 1,812,394.217800 |
| 1376 - 1377 | 00°06'23"SE | 4.08                  | 1,377           | 540,577.663700  | 1,812,390.134100 |
| 1377 - 1378 | 35°03'05"SW | 4.54                  | 1,378           | 540,575.055900  | 1,812,386.416900 |
| 1378 - 1379 | 36°31'47"SE | 6.92                  | 1,379           | 540,579.175300  | 1,812,380.855900 |
| 1379 - 1380 | 43°09'46"SE | 21.34                 | 1,380           | 540,593.772600  | 1,812,365.291200 |
| 1380 - 1381 | 38°26'12"SE | 13.25                 | 1,381           | 540,602.010100  | 1,812,354.911800 |
| 1381 - 1382 | 23°18'20"SE | 12.91                 | 1,382           | 540,607.116100  | 1,812,343.059000 |
| 1382 - 1383 | 45°04'43"SE | 37.31                 | 1,383           | 540,633.533800  | 1,812,316.713800 |
| 1383 - 1384 | 40°45'10"SE | 39.33                 | 1,384           | 540,659.208700  | 1,812,286.919800 |
| 1384 - 1385 | 43°02'04"SE | 22.59                 | 1,385           | 540,674.621600  | 1,812,270.411400 |
| 1385 - 1386 | 57°36'26"SE | 13.68                 | 1,386           | 540,686.171000  | 1,812,263.084000 |
| 1386 - 1387 | 29°44'07"SE | 12.61                 | 1,387           | 540,692.424700  | 1,812,252.135800 |
| 1387 - 1388 | 45°53'00"SE | 16.92                 | 1,388           | 540,704.571900  | 1,812,240.357500 |
| 1388 - 1389 | 74°56'29"SE | 6.97                  | 1,389           | 540,711.303500  | 1,812,238.546400 |
| 1389 - 1390 | 50°28'36"SE | 8.73                  | 1,390           | 540,718.037800  | 1,812,232.990500 |
| 1390 - 1391 | 43°44'12"SE | 9.75                  | 1,391           | 540,724.775000  | 1,812,225.949500 |
| 1391 - 1392 | 56°06'42"SE | 12.62                 | 1,392           | 540,735.247400  | 1,812,218.915500 |
| 1392 - 1393 | 42°39'27"SE | 28.72                 | 1,393           | 540,754.711600  | 1,812,197.791100 |
| 1393 - 1394 | 27°36'08"SE | 12.14                 | 1,394           | 540,760.335000  | 1,812,187.035600 |
| 1394 - 1395 | 46°33'27"SE | 11.85                 | 1,395           | 540,768.941900  | 1,812,178.884400 |
| 1395 - 1396 | 35°58'58"SE | 14.66                 | 1,396           | 540,777.555900  | 1,812,167.020800 |
| 1396 - 1397 | 23°31'15"SW | 4.31                  | 1,397           | 540,775.834500  | 1,812,163.065800 |
| 1397 - 1398 | 48°28'23"SE | 4.28                  | 1,398           | 540,779.042400  | 1,812,160.225000 |
| 1398 - 1399 | 87°06'48"SE | 11.99                 | 1,399           | 540,791.017600  | 1,812,159.621200 |
| 1399 - 1400 | 33°30'05"SE | 12.89                 | 1,400           | 540,798.135100  | 1,812,148.868500 |
| 1400 - 1401 | 43°44'13"SE | 19.49                 | 1,401           | 540,811.609500  | 1,812,134.786600 |
| 1401 - 1402 | 48°45'05"SE | 17.42                 | 1,402           | 540,824.705200  | 1,812,123.302600 |
| 1402 - 1403 | 42°59'37"SE | 13.17                 | 1,403           | 540,833.688500  | 1,812,113.667100 |
| 1403 - 1404 | 18°38'59"SE | 9.40                  | 1,404           | 540,836.693700  | 1,812,104.762900 |
| 1404 - 1405 | 44°06'57"SE | 12.90                 | 1,405           | 540,845.676400  | 1,812,095.498600 |
| 1405 - 1406 | 49°31'09"SE | 14.26                 | 1,406           | 540,856.526700  | 1,812,086.237900 |
| 1406 - 1407 | 40°53'04"SE | 17.16                 | 1,407           | 540,867.757700  | 1,812,073.265400 |
| 1407 - 1408 | 44°38'29"SE | 23.44                 | 1,408           | 540,884.225300  | 1,812,056.590400 |
| 1408 - 1409 | 45°17'06"SE | 25.81                 | 1,409           | 540,902.563500  | 1,812,038.433800 |
| 1409 - 1410 | 31°38'19"SE | 10.32                 | 1,410           | 540,907.977700  | 1,812,029.646500 |
| 1410 - 1411 | 88°36'35"SE | 6.48                  | 1,411           | 540,914.451500  | 1,812,029.489400 |
| 1411 - 1412 | 48°27'50"SE | 64.53                 | 1,412           | 540,962.755200  | 1,811,986.699700 |
| 1412 - 1413 | 21°40'36"SE | 30.38                 | 1,413           | 540,973.976000  | 1,811,958.469900 |
| 1413 - 1414 | 47°00'12"SE | 71.61                 | 1,414           | 541,026.352400  | 1,811,909.634100 |
| 1414 - 1415 | 39°46'03"SE | 73.38                 | 1,415           | 541,073.293000  | 1,811,853.229500 |
| 1415 - 1416 | 56°34'54"SE | 19.67                 | 1,416           | 541,089.710100  | 1,811,842.396900 |
| 1416 - 1417 | 43°09'50"SE | 28.45                 | 1,417           | 541,109.174100  | 1,811,821.643700 |
| 1417 - 1418 | 48°46'04"SE | 30.35                 | 1,418           | 541,131.998900  | 1,811,801.639500 |
| 1418 - 1419 | 59°11'36"SE | 33.96                 | 1,419           | 541,161.169200  | 1,811,784.246000 |
| 1419 - 1420 | 51°46'50"SE | 41.90                 | 1,420           | 541,194.091200  | 1,811,758.320900 |
| 1420 - 1421 | 39°16'23"SE | 10.06                 | 1,421           | 541,200.456500  | 1,811,750.536600 |



| Est-PV      | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-------------|-------------|-----------------------|-----------------|-----------------|------------------|
|             |             |                       |                 | X               | Y                |
| 1421 - 1422 | 43°57'12"SE | 11.32                 | 1,422           | 541,208.316600  | 1,811,742.384000 |
| 1422 - 1423 | 14°54'40"SW | 11.53                 | 1,423           | 541,205.349300  | 1,811,731.240800 |
| 1423 - 1424 | 38°26'17"SE | 13.25                 | 1,424           | 541,213.587300  | 1,811,720.861300 |
| 1424 - 1425 | 51°29'06"SE | 24.39                 | 1,425           | 541,232.667500  | 1,811,705.676200 |
| 1425 - 1426 | 16°45'46"SE | 14.34                 | 1,426           | 541,236.802700  | 1,811,691.947700 |
| 1426 - 1427 | 28°09'12"SE | 14.30                 | 1,427           | 541,243.550800  | 1,811,679.337900 |
| 1427 - 1428 | 74°00'53"SE | 12.05                 | 1,428           | 541,255.137300  | 1,811,676.018800 |
| 1428 - 1429 | 56°21'57"NE | 4.03                  | 1,429           | 541,258.495100  | 1,811,678.252600 |
| 1429 - 1430 | 86°56'57"SE | 6.73                  | 1,430           | 541,265.219700  | 1,811,677.894200 |
| 1430 - 1431 | 72°58'02"SE | 11.34                 | 1,431           | 541,276.059200  | 1,811,674.573500 |
| 1431 - 1432 | 56°34'56"SE | 12.10                 | 1,432           | 541,286.157900  | 1,811,667.910200 |
| 1432 - 1433 | 14°49'00"SE | 8.83                  | 1,433           | 541,288.415500  | 1,811,659.375600 |
| 1433 - 1434 | 48°17'53"SE | 15.04                 | 1,434           | 541,299.641200  | 1,811,649.373200 |
| 1434 - 1435 | 41°15'23"SE | 18.73                 | 1,435           | 541,311.995500  | 1,811,635.289000 |
| 1435 - 1436 | 58°56'14"SE | 20.08                 | 1,436           | 541,329.198800  | 1,811,624.926600 |
| 1436 - 1437 | 56°34'57"SE | 12.10                 | 1,437           | 541,339.297600  | 1,811,618.263300 |
| 1437 - 1438 | 44°25'53"SE | 17.64                 | 1,438           | 541,351.649100  | 1,811,605.664200 |
| 1438 - 1439 | 48°24'24"SE | 14.51                 | 1,439           | 541,362.500500  | 1,811,596.032200 |
| 1439 - 1440 | 49°41'00"SE | 13.74                 | 1,440           | 541,372.977200  | 1,811,587.142100 |
| 1440 - 1441 | 29°48'00"SE | 25.64                 | 1,441           | 541,385.720500  | 1,811,564.891100 |
| 1441 - 1442 | 04°13'13"SE | 10.42                 | 1,442           | 541,386.487500  | 1,811,554.497500 |
| 1442 - 1443 | 71°46'47"SE | 9.44                  | 1,443           | 541,395.458500  | 1,811,551.544500 |
| 1443 - 1444 | 44°37'41"SE | 22.91                 | 1,444           | 541,411.552700  | 1,811,535.240000 |
| 1444 - 1445 | 26°48'59"SE | 16.62                 | 1,445           | 541,419.052300  | 1,811,520.404000 |
| 1445 - 1446 | 15°43'28"SE | 13.88                 | 1,446           | 541,422.813300  | 1,811,507.045900 |
| 1446 - 1447 | 20°01'19"SE | 9.87                  | 1,447           | 541,426.193100  | 1,811,497.771100 |
| 1447 - 1448 | 35°29'37"SE | 7.74                  | 1,448           | 541,430.687900  | 1,811,491.468200 |
| 1448 - 1449 | 48°34'10"NE | 12.93                 | 1,449           | 541,440.384100  | 1,811,500.025700 |
| 1449 - 1450 | 17°31'06"NE | 7.40                  | 1,450           | 541,442.612000  | 1,811,507.083800 |
| 1450 - 1451 | 85°22'31"SE | 9.00                  | 1,451           | 541,451.578700  | 1,811,506.358500 |
| 1451 - 1452 | 23°04'13"SE | 7.66                  | 1,452           | 541,454.580700  | 1,811,499.310300 |
| 1452 - 1453 | 12°26'52"SE | 8.74                  | 1,453           | 541,456.464800  | 1,811,490.775000 |
| 1453 - 1454 | 55°03'31"SE | 7.76                  | 1,454           | 541,462.823900  | 1,811,486.332000 |
| 1454 - 1455 | 42°51'59"SE | 18.71                 | 1,455           | 541,475.551100  | 1,811,472.619800 |
| 1455 - 1456 | 21°50'46"SE | 21.18                 | 1,456           | 541,483.433500  | 1,811,452.958300 |
| 1456 - 1457 | 39°57'05"SE | 19.82                 | 1,457           | 541,496.163600  | 1,811,437.761100 |
| 1457 - 1458 | 59°04'58"NE | 10.87                 | 1,458           | 541,505.492000  | 1,811,443.347800 |
| 1458 - 1459 | 43°09'52"SE | 7.11                  | 1,459           | 541,510.358100  | 1,811,438.159500 |
| 1459 - 1460 | 38°56'34"SE | 7.15                  | 1,460           | 541,514.851500  | 1,811,432.599300 |
| 1460 - 1461 | 19°39'25"SW | 5.52                  | 1,461           | 541,512.993600  | 1,811,427.398100 |
| 1461 - 1462 | 52°39'17"SW | 7.98                  | 1,462           | 541,506.652400  | 1,811,422.559500 |
| 1462 - 1463 | 42°33'36"SE | 5.53                  | 1,463           | 541,510.395800  | 1,811,418.482900 |
| 1463 - 1464 | 81°04'27"SE | 9.46                  | 1,464           | 541,519.737700  | 1,811,417.015700 |
| 1464 - 1465 | 08°55'04"SW | 7.14                  | 1,465           | 541,518.630500  | 1,811,409.959700 |
| 1465 - 1466 | 09°37'44"SE | 6.78                  | 1,466           | 541,519.763900  | 1,811,403.279200 |
| 1466 - 1467 | 58°50'17"SE | 7.87                  | 1,467           | 541,526.495900  | 1,811,399.208300 |
| 1467 - 1468 | 72°33'43"SE | 8.62                  | 1,468           | 541,534.719200  | 1,811,396.625300 |
| 1468 - 1469 | 37°27'53"SE | 13.54                 | 1,469           | 541,542.958100  | 1,811,385.874500 |
| 1469 - 1470 | 58°56'17"SE | 10.04                 | 1,470           | 541,551.559900  | 1,811,380.693400 |
| 1470 - 1471 | 47°56'57"SE | 22.68                 | 1,471           | 541,568.399300  | 1,811,365.504100 |
| 1471 - 1472 | 51°59'29"SE | 9.02                  | 1,472           | 541,575.507600  | 1,811,359.948800 |
| 1472 - 1473 | 34°47'02"SE | 7.22                  | 1,473           | 541,579.628200  | 1,811,354.016500 |
| 1473 - 1474 | 44°07'03"SE | 10.59                 | 1,474           | 541,587.003000  | 1,811,346.411000 |
| 1474 - 1475 | 41°34'36"SW | 103.96                | 1,475           | 541,518.013600  | 1,811,268.643100 |

A partir de este vértice 1,475 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 18,337.39 metros hasta llegar al vértice 1.

**Zona de Amortiguamiento**  
**“Punta Maldonado” (El Faro)**  
**(Superficie 131-83-76.04 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 1 - 2   | 44°06'55"SE | 2.31                  | 1               | 541,587.003035  | 1,811,346.411030 |
| 2 - 3   | 73°47'43"NE | 12.05                 | 2               | 541,588.611439  | 1,811,344.752180 |
| 3 - 4   | 60°54'11"SE | 6.85                  | 3               | 541,600.185424  | 1,811,348.115710 |
| 4 - 5   | 34°29'25"SE | 11.25                 | 4               | 541,606.168809  | 1,811,344.785850 |
| 5 - 6   | 02°36'53"SE | 8.55                  | 5               | 541,612.537152  | 1,811,335.516580 |
| 6 - 7   | 07°16'43"SE | 11.97                 | 6               | 541,612.927095  | 1,811,326.978360 |
| 7 - 8   | 51°37'22"SE | 11.93                 | 7               | 541,614.444131  | 1,811,315.100960 |
| 8 - 9   | 43°13'00"SE | 21.87                 | 8               | 541,623.797419  | 1,811,307.693700 |
| 9 - 10  | 45°17'13"SE | 8.95                  | 9               | 541,638.770531  | 1,811,291.758250 |
| 10 - 11 | 74°51'00"SE | 19.75                 | 10              | 541,645.133202  | 1,811,285.459040 |
| 11 - 12 | 58°34'00"SE | 14.90                 | 11              | 541,664.194852  | 1,811,280.297990 |
| 12 - 13 | 16°42'40"SE | 5.41                  | 12              | 541,676.910946  | 1,811,272.525950 |
| 13 - 14 | 78°30'14"SE | 10.58                 | 13              | 541,678.467481  | 1,811,267.341430 |
| 14 - 15 | 67°24'10"SE | 65.35                 | 14              | 541,688.839120  | 1,811,265.232060 |
| 15 - 16 | 34°02'22"SW | 4.08                  | 15              | 541,749.168277  | 1,811,240.123150 |
| 16 - 17 | 82°43'27"SE | 0.71                  | 16              | 541,746.882283  | 1,811,236.739060 |
| 17 - 18 | 36°06'58"SE | 8.26                  | 17              | 541,747.583536  | 1,811,236.649530 |
| 18 - 19 | 03°29'51"SE | 12.64                 | 18              | 541,752.452717  | 1,811,229.976200 |
| 19 - 20 | 19°27'05"SE | 16.92                 | 19              | 541,753.224138  | 1,811,217.354790 |
| 20 - 21 | 26°21'52"SE | 21.11                 | 20              | 541,758.858319  | 1,811,201.401380 |
| 21 - 22 | 35°24'41"SE | 12.28                 | 21              | 541,768.233864  | 1,811,182.485060 |
| 22 - 23 | 39°16'29"SE | 10.06                 | 22              | 541,775.350882  | 1,811,172.474680 |
| 23 - 24 | 66°16'44"SE | 14.70                 | 23              | 541,781.716487  | 1,811,164.690430 |
| 24 - 25 | 67°02'23"SE | 14.21                 | 24              | 541,795.176244  | 1,811,158.776160 |
| 25 - 26 | 39°34'24"SE | 10.58                 | 25              | 541,808.261729  | 1,811,153.232430 |
| 26 - 27 | 00°06'37"SE | 9.65                  | 26              | 541,815.001632  | 1,811,145.077640 |
| 27 - 28 | 03°24'04"SE | 13.02                 | 27              | 541,815.020237  | 1,811,135.424840 |
| 28 - 29 | 25°15'48"SE | 6.15                  | 28              | 541,815.792413  | 1,811,122.432120 |
| 29 - 30 | 29°48'05"SE | 12.82                 | 29              | 541,818.418102  | 1,811,116.868230 |
| 30 - 31 | 29°48'05"SE | 12.82                 | 30              | 541,824.790181  | 1,811,105.742610 |
| 31 - 32 | 39°12'40"SE | 12.44                 | 31              | 541,832.653665  | 1,811,096.104920 |
| 32 - 33 | 12°03'25"SW | 10.63                 | 32              | 541,830.432316  | 1,811,085.705250 |
| 33 - 34 | 42°59'47"SE | 13.17                 | 33              | 541,839.416506  | 1,811,076.069710 |
| 34 - 35 | 54°29'22"SE | 19.76                 | 34              | 541,855.502039  | 1,811,064.591550 |
| 35 - 36 | 25°39'21"SE | 8.93                  | 35              | 541,859.370551  | 1,811,056.537500 |
| 36 - 37 | 57°45'12"SE | 59.01                 | 36              | 541,909.277421  | 1,811,025.052810 |
| 37 - 38 | 47°57'45"SE | 153.37                | 37              | 542,023.186316  | 1,810,922.354060 |
| 38 - 39 | 68°49'05"SE | 111.14                | 38              | 542,126.822097  | 1,810,882.194460 |
| 39 - 40 | 46°27'26"SE | 70.16                 | 39              | 542,177.679782  | 1,810,833.860490 |
| 40 - 41 | 17°30'58"SW | 40.23                 | 40              | 542,165.571015  | 1,810,795.494260 |
| 41 - 42 | 64°47'07"SE | 141.53                | 41              | 542,293.613653  | 1,810,735.202220 |
| 42 - 43 | 36°48'36"SE | 67.96                 | 42              | 542,334.331065  | 1,810,680.794360 |
| 43 - 44 | 20°12'32"SE | 70.91                 | 43              | 542,358.827787  | 1,810,614.246440 |
| 44 - 45 | 43°57'24"SE | 184.68                | 44              | 542,487.014277  | 1,810,481.304960 |
| 45 - 46 | 45°17'21"SE | 65.85                 | 45              | 542,533.808579  | 1,810,434.981010 |
| 46 - 47 | 70°58'22"SE | 135.41                | 46              | 542,661.822662  | 1,810,390.834630 |
| 47 - 48 | 63°32'10"SE | 12.63                 | 47              | 542,673.126127  | 1,810,385.207890 |
| 48 - 49 | 27°21'53"SE | 44.41                 | 48              | 542,693.539099  | 1,810,345.767890 |
| 49 - 50 | 37°09'10"SE | 89.31                 | 49              | 542,747.474827  | 1,810,274.588790 |
| 50 - 51 | 50°46'44"SE | 110.12                | 50              | 542,832.788797  | 1,810,204.956590 |
| 51 - 52 | 42°10'02"SE | 116.01                | 51              | 542,910.663962  | 1,810,118.973450 |
| 52 - 53 | 37°55'56"SE | 65.80                 | 52              | 542,951.113739  | 1,810,067.074090 |
| 53 - 54 | 46°02'04"SE | 81.13                 | 53              | 543,009.504593  | 1,810,010.754820 |
| 54 - 55 | 51°51'17"SE | 175.08                | 54              | 543,147.199202  | 1,809,902.613260 |
| 55 - 56 | 46°19'57"SE | 173.86                | 55              | 543,272.964043  | 1,809,782.567060 |
| 56 - 57 | 56°35'15"SE | 64.53                 | 56              | 543,326.831933  | 1,809,747.030950 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 56 - 57   | 88°55'41"SE | 23.16                 | 57              | 543,349.985412  | 1,809,746.597820 |
| 57 - 58   | 46°00'18"SE | 14.13                 | 58              | 543,360.152599  | 1,809,736.781290 |
| 58 - 59   | 16°54'41"SE | 45.07                 | 59              | 543,373.263805  | 1,809,693.658240 |
| 59 - 60   | 50°55'07"SE | 75.20                 | 60              | 543,431.638938  | 1,809,646.249990 |
| 60 - 61   | 65°23'45"SW | 39.41                 | 61              | 543,395.806850  | 1,809,629.841630 |
| 61 - 62   | 30°00'44"SE | 35.98                 | 62              | 543,413.801590  | 1,809,598.689290 |
| 62 - 63   | 67°10'41"NE | 30.78                 | 63              | 543,442.170799  | 1,809,610.627300 |
| 63 - 64   | 85°34'07"SE | 37.48                 | 64              | 543,479.535912  | 1,809,607.731770 |
| 64 - 65   | 82°40'34"NE | 37.49                 | 65              | 543,516.717161  | 1,809,612.510480 |
| 65 - 66   | 59°18'25"SE | 4.57                  | 66              | 543,520.646964  | 1,809,610.177790 |
| 66 - 67   | 68°34'13"SE | 51.51                 | 67              | 543,568.591464  | 1,809,591.359870 |
| 67 - 68   | 26°49'19"SE | 44.65                 | 68              | 543,588.737985  | 1,809,551.514610 |
| 68 - 69   | 30°55'16"SE | 46.69                 | 69              | 543,612.728457  | 1,809,511.463360 |
| 69 - 70   | 45°17'32"SE | 54.78                 | 70              | 543,651.659795  | 1,809,472.927250 |
| 70 - 71   | 41°55'29"SE | 53.80                 | 71              | 543,687.605500  | 1,809,432.899970 |
| 71 - 72   | 27°36'36"SE | 48.55                 | 72              | 543,710.107879  | 1,809,389.875260 |
| 72 - 73   | 64°36'44"SE | 41.39                 | 73              | 543,747.503337  | 1,809,372.128470 |
| 73 - 74   | 87°20'23"SE | 61.34                 | 74              | 543,808.779053  | 1,809,369.281640 |
| 74 - 75   | 73°30'49"SE | 31.19                 | 75              | 543,838.684717  | 1,809,360.430940 |
| 75 - 76   | 53°48'56"SE | 42.65                 | 76              | 543,873.106566  | 1,809,335.252450 |
| 76 - 77   | 22°51'42"SE | 38.65                 | 77              | 543,888.122460  | 1,809,299.638500 |
| 77 - 78   | 14°14'08"SE | 42.88                 | 78              | 543,898.667237  | 1,809,258.074730 |
| 78 - 79   | 08°15'38"SW | 61.55                 | 79              | 543,889.823942  | 1,809,197.164280 |
| 79 - 80   | 15°16'24"SE | 40.01                 | 80              | 543,900.362763  | 1,809,158.570690 |
| 80 - 81   | 38°09'45"SE | 50.92                 | 81              | 543,931.826240  | 1,809,118.534150 |
| 81 - 82   | 61°27'16"SE | 68.12                 | 82              | 543,991.668468  | 1,809,085.981010 |
| 82 - 83   | 74°15'50"SE | 54.37                 | 83              | 544,044.002711  | 1,809,071.235120 |
| 83 - 84   | 81°48'11"NE | 73.96                 | 84              | 544,117.207425  | 1,809,081.780050 |
| 84 - 85   | 81°07'48"NE | 24.39                 | 85              | 544,141.303159  | 1,809,085.540360 |
| 85 - 86   | 61°20'23"SE | 54.18                 | 86              | 544,188.843243  | 1,809,059.555850 |
| 86 - 87   | 29°04'38"SE | 46.13                 | 87              | 544,211.263282  | 1,809,019.237380 |
| 87 - 88   | 79°11'10"SE | 51.20                 | 88              | 544,261.551083  | 1,809,009.631850 |
| 88 - 89   | 23°27'29"SE | 106.24                | 89              | 544,303.844485  | 1,808,912.169500 |
| 89 - 90   | 07°18'07"SW | 30.77                 | 90              | 544,299.933645  | 1,808,881.649670 |
| 90 - 91   | 00°07'00"SE | 81.69                 | 91              | 544,300.100226  | 1,808,799.963360 |
| 91 - 92   | 40°53'36"SE | 54.92                 | 92              | 544,336.051267  | 1,808,758.450660 |
| 92 - 93   | 39°51'02"SE | 44.42                 | 93              | 544,364.515133  | 1,808,724.348740 |
| 93 - 94   | 10°50'04"SW | 39.33                 | 94              | 544,357.121831  | 1,808,685.717890 |
| 94 - 95   | 58°16'14"SE | 14.07                 | 95              | 544,369.092450  | 1,808,678.316230 |
| 95 - 96   | 26°35'24"NE | 19.95                 | 96              | 544,378.022638  | 1,808,696.157130 |
| 96 - 97   | 56°35'25"SE | 26.89                 | 97              | 544,400.469457  | 1,808,681.350770 |
| 97 - 98   | 67°02'47"SE | 45.48                 | 98              | 544,442.350014  | 1,808,663.613730 |
| 98 - 99   | 77°56'35"NE | 33.70                 | 99              | 544,475.305186  | 1,808,670.652740 |
| 99 - 100  | 64°37'58"SE | 9.67                  | 100             | 544,484.041162  | 1,808,666.510730 |
| 100 - 101 | 69°06'41"SE | 95.71                 | 101             | 544,573.464727  | 1,808,632.383910 |
| 101 - 102 | 72°17'26"SE | 27.88                 | 102             | 544,600.021252  | 1,808,623.903900 |
| 102 - 103 | 47°21'51"SE | 43.86                 | 103             | 544,632.286470  | 1,808,594.197440 |
| 103 - 104 | 24°28'42"SE | 32.61                 | 104             | 544,645.797455  | 1,808,564.520600 |
| 104 - 105 | 14°37'27"SE | 53.69                 | 105             | 544,659.354268  | 1,808,512.565310 |
| 105 - 106 | 36°11'45"SE | 53.29                 | 106             | 544,690.826186  | 1,808,469.558170 |
| 106 - 107 | 40°05'52"SE | 46.52                 | 107             | 544,720.788494  | 1,808,433.974090 |
| 107 - 108 | 67°31'46"SE | 22.32                 | 108             | 544,741.410615  | 1,808,425.444590 |
| 108 - 109 | 65°20'00"SE | 51.24                 | 109             | 544,787.975141  | 1,808,404.060130 |
| 109 - 110 | 37°51'27"SE | 182.48                | 110             | 544,899.966174  | 1,808,259.982100 |
| 110 - 111 | 66°05'45"SE | 92.37                 | 111             | 544,984.413453  | 1,808,222.553320 |
| 111 - 112 | 17°15'35"SE | 116.37                | 112             | 545,018.940340  | 1,808,111.426240 |
| 112 - 113 | 51°45'49"SE | 124.82                | 113             | 545,116.983512  | 1,808,034.173640 |
| 113 - 114 | 59°34'28"SE | 75.46                 | 114             | 545,182.049294  | 1,807,995.961090 |
| 114 - 115 | 34°37'26"SE | 56.82                 | 115             | 545,214.332515  | 1,807,949.206050 |
| 115 - 116 | 26°53'14"SE | 47.94                 | 116             | 545,236.013408  | 1,807,906.447470 |
| 116 - 117 | 77°11'24"SE | 6.35                  | 117             | 545,242.210149  | 1,807,905.038480 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 117 - 118 | 01°28'31"SE | 21.02                 | 118             | 545,242.751461  | 1,807,884.023350 |
| 118 - 119 | 76°43'08"NE | 13.05                 | 119             | 545,255.448427  | 1,807,887.020340 |
| 119 - 120 | 60°31'36"SE | 12.03                 | 120             | 545,265.922216  | 1,807,881.101030 |
| 120 - 121 | 26°49'35"SE | 13.30                 | 121             | 545,271.924919  | 1,807,869.231300 |
| 121 - 122 | 27°54'40"SE | 17.63                 | 122             | 545,280.177099  | 1,807,853.653060 |
| 122 - 123 | 15°40'54"SW | 24.70                 | 123             | 545,273.501390  | 1,807,829.874650 |
| 123 - 124 | 42°26'00"SE | 21.09                 | 124             | 545,287.731558  | 1,807,814.308830 |
| 124 - 125 | 66°51'46"SE | 30.09                 | 125             | 545,315.404453  | 1,807,802.484240 |
| 125 - 126 | 67°29'06"NE | 33.14                 | 126             | 545,346.015244  | 1,807,815.172990 |
| 126 - 127 | 20°33'11"NE | 19.05                 | 127             | 545,352.703275  | 1,807,833.010330 |
| 127 - 128 | 73°42'54"NE | 18.67                 | 128             | 545,370.626328  | 1,807,838.246220 |
| 128 - 129 | 83°49'05"SE | 6.77                  | 129             | 545,377.353091  | 1,807,837.517620 |
| 129 - 130 | 62°02'50"NE | 11.30                 | 130             | 545,387.335104  | 1,807,842.814550 |
| 130 - 131 | 46°31'30"SE | 5.73                  | 131             | 545,391.490443  | 1,807,838.874760 |
| 131 - 132 | 33°00'17"SE | 0.12                  | 132             | 545,391.557695  | 1,807,838.771220 |
| 132 - 133 | 11°02'30"SE | 31.50                 | 133             | 545,397.590771  | 1,807,807.854230 |
| 133 - 134 | 45°17'48"SE | 20.02                 | 134             | 545,411.817941  | 1,807,793.773750 |
| 134 - 135 | 20°27'35"SE | 15.05                 | 135             | 545,417.078154  | 1,807,779.674530 |
| 135 - 136 | 06°15'34"SW | 13.45                 | 136             | 545,415.611588  | 1,807,766.303890 |
| 136 - 137 | 32°02'16"SE | 18.37                 | 137             | 545,425.358407  | 1,807,750.728740 |
| 137 - 138 | 08°17'58"SE | 26.26                 | 138             | 545,429.148973  | 1,807,724.744120 |
| 138 - 139 | 37°41'46"SE | 15.93                 | 139             | 545,438.889610  | 1,807,712.139520 |
| 139 - 140 | 47°25'03"SE | 14.24                 | 140             | 545,449.371299  | 1,807,702.507040 |
| 140 - 141 | 11°29'53"SE | 22.73                 | 141             | 545,453.901388  | 1,807,680.237140 |
| 141 - 142 | 00°07'11"SE | 16.34                 | 142             | 545,453.935550  | 1,807,663.898990 |
| 142 - 143 | 06°52'15"SE | 12.71                 | 143             | 545,455.456453  | 1,807,651.277170 |
| 143 - 144 | 49°06'34"SE | 7.92                  | 144             | 545,461.445343  | 1,807,646.091160 |
| 144 - 145 | 86°49'56"NE | 15.83                 | 145             | 545,477.248422  | 1,807,646.965700 |
| 145 - 146 | 19°26'34"SE | 24.50                 | 146             | 545,485.404040  | 1,807,623.861850 |
| 146 - 147 | 52°43'20"SE | 12.23                 | 147             | 545,495.133875  | 1,807,616.455730 |
| 147 - 148 | 25°16'22"SE | 24.61                 | 148             | 545,505.642062  | 1,807,594.198260 |
| 148 - 149 | 35°49'31"SE | 25.61                 | 149             | 545,520.630690  | 1,807,573.435460 |
| 149 - 150 | 34°39'56"SE | 34.26                 | 150             | 545,540.118438  | 1,807,545.255560 |
| 150 - 151 | 46°37'45"SE | 45.32                 | 151             | 545,573.063089  | 1,807,514.133240 |
| 151 - 152 | 36°40'26"SE | 35.13                 | 152             | 545,594.045474  | 1,807,485.956440 |
| 152 - 153 | 51°55'30"SE | 22.82                 | 153             | 545,612.009272  | 1,807,471.883720 |
| 153 - 154 | 41°01'39"SE | 35.38                 | 154             | 545,635.230409  | 1,807,445.196910 |
| 154 - 155 | 15°33'40"SE | 19.65                 | 155             | 545,640.500981  | 1,807,426.270280 |
| 155 - 156 | 54°15'40"SE | 15.21                 | 156             | 545,652.849488  | 1,807,417.384350 |
| 156 - 157 | 06°09'58"NW | 5.11                  | 157             | 545,652.300838  | 1,807,422.462540 |
| 157 - 158 | 46°01'21"SE | 15.84                 | 158             | 545,663.697244  | 1,807,411.465880 |
| 158 - 159 | 76°42'17"SE | 9.60                  | 159             | 545,673.042683  | 1,807,409.257550 |
| 159 - 160 | 83°54'26"NE | 14.28                 | 160             | 545,687.237518  | 1,807,410.772680 |
| 160 - 161 | 86°03'35"SE | 5.24                  | 161             | 545,692.469124  | 1,807,410.412350 |
| 161 - 162 | 36°55'11"SW | 5.58                  | 162             | 545,689.115814  | 1,807,405.949370 |
| 162 - 162 | 79°55'55"SW | 6.45                  | 162             | 545,682.766437  | 1,807,404.822040 |
| 162 - 164 | 25°01'50"SE | 10.64                 | 164             | 545,687.270290  | 1,807,395.176980 |
| 164 - 165 | 32°28'34"SE | 11.87                 | 165             | 545,693.643082  | 1,807,385.164520 |
| 165 - 166 | 49°46'48"SE | 26.96                 | 166             | 545,714.229473  | 1,807,367.755360 |
| 166 - 167 | 43°15'06"SE | 14.76                 | 167             | 545,724.340161  | 1,807,357.008090 |
| 167 - 168 | 40°37'43"SE | 25.88                 | 168             | 545,741.194974  | 1,807,337.363120 |
| 168 - 169 | 89°52'46"NE | 12.33                 | 169             | 545,753.524820  | 1,807,337.389060 |
| 169 - 170 | 78°38'14"NE | 6.86                  | 170             | 545,760.254195  | 1,807,338.741360 |
| 170 - 171 | 37°57'28"SE | 7.59                  | 171             | 545,764.921770  | 1,807,332.758080 |
| 171 - 172 | 32°42'05"SW | 8.60                  | 172             | 545,760.275198  | 1,807,325.520730 |
| 172 - 173 | 12°36'28"SW | 18.65                 | 173             | 545,756.203538  | 1,807,307.317020 |
| 173 - 174 | 00°07'14"SE | 9.65                  | 174             | 545,756.223855  | 1,807,297.662500 |
| 174 - 175 | 59°39'16"NE | 12.54                 | 175             | 545,767.045906  | 1,807,303.997880 |
| 175 - 176 | 58°00'17"SE | 8.38                  | 176             | 545,774.154300  | 1,807,299.556890 |
| 176 - 177 | 12°17'17"SE | 15.95                 | 177             | 545,777.549826  | 1,807,283.968180 |
| 177 - 178 | 24°57'28"SE | 20.46                 | 178             | 545,786.182473  | 1,807,265.419860 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 178 - 179 | 37°09'39"SE | 13.03                 | 179             | 545,794.050662  | 1,807,255.039180 |
| 179 - 180 | 46°22'43"SE | 13.96                 | 180             | 545,804.159094  | 1,807,245.405880 |
| 180 - 181 | 15°27'57"SE | 12.71                 | 181             | 545,807.547609  | 1,807,233.159100 |
| 181 - 182 | 70°30'38"SE | 21.02                 | 182             | 545,827.365054  | 1,807,226.145570 |
| 182 - 183 | 62°07'34"SE | 18.20                 | 183             | 545,843.449306  | 1,807,217.638870 |
| 183 - 184 | 28°52'49"SE | 18.64                 | 184             | 545,852.450971  | 1,807,201.319270 |
| 184 - 185 | 60°09'38"SE | 21.56                 | 185             | 545,871.155391  | 1,807,190.590110 |
| 185 - 186 | 49°41'40"SE | 34.36                 | 186             | 545,897.356817  | 1,807,168.365500 |
| 186 - 187 | 38°18'43"SE | 25.99                 | 187             | 545,913.466230  | 1,807,147.976240 |
| 187 - 188 | 52°00'11"SE | 36.09                 | 188             | 545,941.909562  | 1,807,125.756370 |
| 188 - 189 | 50°06'59"SE | 21.95                 | 189             | 545,958.752978  | 1,807,111.681310 |
| 189 - 190 | 80°04'21"NE | 8.72                  | 190             | 545,967.343458  | 1,807,113.184800 |
| 190 - 191 | 72°56'23"SE | 17.60                 | 191             | 545,984.168055  | 1,807,108.021710 |
| 191 - 192 | 70°15'05"SE | 13.11                 | 192             | 545,996.507459  | 1,807,103.591810 |
| 192 - 193 | 78°52'45"SE | 15.24                 | 193             | 546,011.459177  | 1,807,100.652780 |
| 193 - 194 | 73°42'47"SE | 10.52                 | 194             | 546,021.553633  | 1,807,097.703480 |
| 194 - 195 | 40°39'38"SE | 9.77                  | 195             | 546,027.921163  | 1,807,090.290290 |
| 195 - 196 | 57°48'37"SE | 4.86                  | 196             | 546,032.036662  | 1,807,087.699670 |
| 196 - 197 | 19°58'33"NE | 4.35                  | 197             | 546,033.522559  | 1,807,091.787480 |
| 197 - 198 | 06°15'28"NE | 3.36                  | 198             | 546,033.889120  | 1,807,095.130250 |
| 198 - 199 | 37°37'07"NE | 6.10                  | 199             | 546,037.615260  | 1,807,099.965470 |
| 199 - 200 | 65°23'20"NE | 9.85                  | 200             | 546,046.573872  | 1,807,104.069110 |
| 200 - 201 | 63°27'18"NE | 5.84                  | 201             | 546,051.799269  | 1,807,106.679500 |
| 201 - 202 | 80°06'06"SE | 17.07                 | 202             | 546,068.619172  | 1,807,103.744470 |
| 202 - 203 | 39°51'18"SE | 11.11                 | 203             | 546,075.736349  | 1,807,095.218880 |
| 203 - 204 | 36°11'58"SE | 13.32                 | 204             | 546,083.605526  | 1,807,084.466890 |
| 204 - 205 | 16°24'20"SE | 11.99                 | 205             | 546,086.992648  | 1,807,072.962730 |
| 205 - 206 | 06°07'12"SW | 17.18                 | 206             | 546,085.160666  | 1,807,055.877490 |
| 206 - 207 | 10°11'24"SE | 6.41                  | 207             | 546,086.294954  | 1,807,049.567220 |
| 207 - 208 | 54°34'57"SE | 4.55                  | 208             | 546,090.003051  | 1,807,046.930310 |
| 208 - 209 | 24°57'29"SW | 14.12                 | 209             | 546,084.045143  | 1,807,034.129220 |
| 209 - 210 | 54°32'07"NW | 5.46                  | 210             | 546,079.595458  | 1,807,037.299000 |
| 210 - 211 | 68°26'31"NW | 6.03                  | 211             | 546,073.986183  | 1,807,039.515120 |
| 211 - 212 | 41°28'59"NW | 11.87                 | 212             | 546,066.120928  | 1,807,048.410470 |
| 212 - 213 | 71°47'32"NW | 8.27                  | 213             | 546,058.269051  | 1,807,050.993180 |
| 213 - 214 | 81°23'58"SW | 7.56                  | 214             | 546,050.798675  | 1,807,049.863350 |
| 214 - 215 | 02°48'03"SE | 15.98                 | 215             | 546,051.579762  | 1,807,033.897640 |
| 215 - 216 | 50°08'23"SE | 15.60                 | 216             | 546,063.557384  | 1,807,023.896980 |
| 216 - 217 | 27°54'47"SE | 8.81                  | 217             | 546,067.683913  | 1,807,016.107700 |
| 217 - 218 | 29°42'02"SE | 8.86                  | 218             | 546,072.074806  | 1,807,008.409880 |
| 218 - 219 | 24°57'29"SW | 10.67                 | 219             | 546,067.572543  | 1,806,998.736370 |
| 219 - 220 | 43°30'30"SE | 18.27                 | 220             | 546,080.151240  | 1,806,985.485110 |
| 220 - 221 | 20°05'18"SW | 4.54                  | 221             | 546,078.593355  | 1,806,981.225330 |
| 221 - 222 | 14°14'28"SE | 10.72                 | 222             | 546,081.230852  | 1,806,970.833530 |
| 222 - 223 | 26°49'42"SE | 5.82                  | 223             | 546,083.857336  | 1,806,965.640400 |
| 223 - 224 | 12°28'57"SW | 6.85                  | 224             | 546,082.376946  | 1,806,958.953230 |
| 224 - 225 | 16°54'18"SW | 8.93                  | 225             | 546,079.779574  | 1,806,950.407000 |
| 225 - 226 | 76°27'47"NE | 9.60                  | 226             | 546,089.115814  | 1,806,952.654800 |
| 226 - 227 | 76°33'56"NE | 8.06                  | 227             | 546,096.958286  | 1,806,954.528100 |
| 227 - 228 | 80°42'59"SE | 4.54                  | 228             | 546,101.443521  | 1,806,953.794940 |
| 228 - 229 | 24°47'19"SW | 5.32                  | 229             | 546,099.211924  | 1,806,948.962850 |
| 229 - 230 | 31°27'57"SW | 7.85                  | 230             | 546,095.116067  | 1,806,942.270120 |
| 230 - 231 | 16°40'32"SW | 7.76                  | 231             | 546,092.889976  | 1,806,934.838680 |
| 231 - 232 | 05°55'28"SW | 7.09                  | 232             | 546,092.157652  | 1,806,927.781750 |
| 232 - 233 | 26°49'42"SE | 5.82                  | 233             | 546,094.784142  | 1,806,922.588610 |
| 233 - 234 | 89°52'42"NE | 7.47                  | 234             | 546,102.256922  | 1,806,922.604450 |
| 234 - 235 | 89°52'43"NE | 2.62                  | 235             | 546,104.872394  | 1,806,922.609990 |
| 235 - 236 | 37°09'42"SE | 5.58                  | 236             | 546,108.244592  | 1,806,918.161110 |
| 236 - 237 | 28°20'28"SE | 6.32                  | 237             | 546,111.245515  | 1,806,912.597420 |
| 237 - 238 | 39°51'19"SE | 11.11                 | 238             | 546,118.362769  | 1,806,904.071780 |
| 238 - 239 | 89°52'42"NE | 12.33                 | 239             | 546,130.692866  | 1,806,904.097930 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 239 - 240 | 40°23'49"SE | 9.25                  | 240             | 546,136.686062  | 1,806,897.055250 |
| 240 - 241 | 30°55'40"SE | 11.67                 | 241             | 546,142.685565  | 1,806,887.041880 |
| 241 - 242 | 27°44'28"SE | 10.48                 | 242             | 546,147.562578  | 1,806,877.768810 |
| 242 - 243 | 65°14'24"SE | 18.53                 | 243             | 546,164.392919  | 1,806,870.006450 |
| 243 - 244 | 21°44'39"SE | 26.36                 | 244             | 546,174.159589  | 1,806,845.518920 |
| 244 - 245 | 62°37'16"SE | 8.85                  | 245             | 546,182.014709  | 1,806,841.450890 |
| 245 - 246 | 83°12'34"NE | 6.40                  | 246             | 546,188.365019  | 1,806,842.207050 |
| 246 - 247 | 66°42'40"SE | 41.12                 | 247             | 546,226.137425  | 1,806,825.948440 |
| 247 - 248 | 04°54'53"SE | 44.72                 | 248             | 546,229.968548  | 1,806,781.395990 |
| 248 - 249 | 11°47'02"SE | 29.57                 | 249             | 546,236.008384  | 1,806,752.444400 |
| 249 - 250 | 14°02'42"SE | 26.40                 | 250             | 546,242.414772  | 1,806,726.835610 |
| 250 - 251 | 13°56'24"SE | 17.21                 | 251             | 546,246.560368  | 1,806,710.134140 |
| 251 - 252 | 17°44'58"SE | 14.81                 | 252             | 546,251.074086  | 1,806,696.032820 |
| 252 - 253 | 49°41'44"SE | 13.74                 | 253             | 546,261.555043  | 1,806,687.142940 |
| 253 - 254 | 30°01'10"SE | 14.99                 | 254             | 546,269.055551  | 1,806,674.161980 |
| 254 - 255 | 48°28'40"SE | 9.50                  | 255             | 546,276.168205  | 1,806,667.864330 |
| 255 - 256 | 18°39'48"SE | 21.15                 | 256             | 546,282.936454  | 1,806,647.826330 |
| 256 - 257 | 08°47'24"SE | 12.40                 | 257             | 546,284.830749  | 1,806,635.576110 |
| 257 - 258 | 50°57'27"SW | 7.68                  | 258             | 546,278.862716  | 1,806,630.735970 |
| 258 - 259 | 05°52'03"SE | 7.46                  | 259             | 546,279.625806  | 1,806,623.310770 |
| 259 - 260 | 16°01'03"SE | 20.46                 | 260             | 546,285.272348  | 1,806,603.641690 |
| 260 - 261 | 38°57'17"SE | 9.53                  | 261             | 546,291.266465  | 1,806,596.227610 |
| 261 - 262 | 02°06'32"SE | 10.78                 | 262             | 546,291.663028  | 1,806,585.459540 |
| 262 - 263 | 14°44'33"SE | 10.36                 | 263             | 546,294.299880  | 1,806,575.438920 |
| 263 - 264 | 17°30'20"SW | 7.40                  | 264             | 546,292.073025  | 1,806,568.378680 |
| 264 - 265 | 23°18'04"SE | 56.96                 | 265             | 546,314.603213  | 1,806,516.067320 |
| 265 - 266 | 25°32'12"SE | 14.80                 | 266             | 546,320.983662  | 1,806,502.712550 |
| 266 - 267 | 44°33'18"SE | 20.28                 | 267             | 546,335.213068  | 1,806,488.260450 |
| 267 - 268 | 34°52'48"SE | 13.11                 | 268             | 546,342.708941  | 1,806,477.507450 |
| 268 - 269 | 15°51'23"SE | 9.64                  | 269             | 546,345.344246  | 1,806,468.229470 |
| 269 - 270 | 13°00'11"SE | 8.38                  | 270             | 546,347.229886  | 1,806,460.063920 |
| 270 - 271 | 42°51'43"SE | 24.78                 | 271             | 546,364.082782  | 1,806,441.903960 |
| 271 - 272 | 16°55'09"SE | 19.39                 | 272             | 546,369.727069  | 1,806,423.348770 |
| 272 - 273 | 13°35'41"SE | 16.04                 | 273             | 546,373.496793  | 1,806,407.760320 |
| 273 - 274 | 06°13'55"SE | 17.55                 | 274             | 546,375.402238  | 1,806,390.311160 |
| 274 - 275 | 38°57'17"SE | 9.53                  | 275             | 546,381.396444  | 1,806,382.897030 |
| 275 - 276 | 68°11'54"NE | 5.20                  | 276             | 546,386.225408  | 1,806,384.828640 |
| 276 - 277 | 08°55'18"SE | 13.59                 | 277             | 546,388.333485  | 1,806,371.400110 |
| 277 - 278 | 41°38'45"SE | 24.80                 | 278             | 546,404.813627  | 1,806,352.867970 |
| 278 - 279 | 22°52'05"SE | 28.99                 | 279             | 546,416.080138  | 1,806,326.155080 |
| 279 - 280 | 14°27'25"SE | 48.29                 | 280             | 546,428.136769  | 1,806,279.391110 |
| 280 - 281 | 18°39'49"SE | 30.55                 | 281             | 546,437.913497  | 1,806,250.446880 |
| 281 - 282 | 25°28'44"SW | 17.29                 | 282             | 546,430.473769  | 1,806,234.834390 |
| 282 - 283 | 01°44'12"SW | 23.04                 | 283             | 546,429.775600  | 1,806,211.809320 |
| 283 - 284 | 39°23'23"SE | 30.70                 | 284             | 546,449.256208  | 1,806,188.084600 |
| 284 - 285 | 35°49'40"SE | 12.80                 | 285             | 546,456.751444  | 1,806,177.702830 |
| 285 - 286 | 40°39'42"SE | 19.55                 | 286             | 546,469.487334  | 1,806,162.876070 |
| 286 - 287 | 78°38'08"NE | 3.81                  | 287             | 546,473.222269  | 1,806,163.626740 |
| 287 - 288 | 19°31'23"SE | 15.75                 | 288             | 546,478.485129  | 1,806,148.784020 |
| 288 - 289 | 07°17'28"SE | 41.92                 | 289             | 546,483.805119  | 1,806,107.204210 |
| 289 - 290 | 26°35'05"SW | 24.94                 | 290             | 546,472.643114  | 1,806,084.899350 |
| 290 - 291 | 02°29'46"SW | 16.36                 | 291             | 546,471.930705  | 1,806,068.558400 |
| 291 - 292 | 06°52'24"SE | 25.43                 | 292             | 546,474.973871  | 1,806,043.313030 |
| 292 - 293 | 24°55'05"SW | 22.95                 | 293             | 546,465.303269  | 1,806,022.496700 |
| 293 - 294 | 03°09'13"SE | 42.39                 | 294             | 546,467.635601  | 1,805,980.167570 |
| 294 - 295 | 03°22'55"SE | 39.43                 | 295             | 546,469.961595  | 1,805,940.809160 |
| 295 - 296 | 11°21'17"SE | 57.55                 | 296             | 546,481.291844  | 1,805,884.387650 |
| 296 - 297 | 74°30'21"SE | 4.00                  | 297             | 546,485.151247  | 1,805,883.317770 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 297 - 298 | 16°21'48"SW | 13.59                 | 298             | 546,481.321985  | 1,805,870.276260 |
| 298 - 299 | 14°14'32"SE | 52.08                 | 299             | 546,494.134233  | 1,805,819.799420 |
| 299 - 300 | 00°50'18"SW | 89.14                 | 300             | 546,492.830006  | 1,805,730.671260 |
| 300 - 301 | 07°02'47"SE | 43.39                 | 301             | 546,498.153277  | 1,805,687.605240 |
| 301 - 302 | 19°40'26"SE | 26.80                 | 302             | 546,507.175087  | 1,805,662.372210 |
| 302 - 303 | 61°58'09"SE | 11.02                 | 303             | 546,516.901379  | 1,805,657.193990 |
| 303 - 304 | 11°16'59"SE | 24.11                 | 304             | 546,521.618824  | 1,805,633.549680 |
| 304 - 305 | 40°11'40"SW | 31.76                 | 305             | 546,501.123780  | 1,805,609.292440 |
| 305 - 306 | 78°52'50"NW | 4.11                  | 306             | 546,497.090082  | 1,805,610.085240 |
| 306 - 307 | 78°52'49"NW | 11.35                 | 307             | 546,485.958034  | 1,805,612.273210 |
| 307 - 308 | 85°30'21"SW | 15.23                 | 308             | 546,470.778491  | 1,805,611.080140 |
| 308 - 309 | 21°48'05"SW | 9.38                  | 309             | 546,467.293532  | 1,805,602.367830 |
| 309 - 310 | 36°18'02"SW | 10.82                 | 310             | 546,460.888949  | 1,805,593.649280 |
| 310 - 311 | 21°48'05"SW | 9.38                  | 311             | 546,457.403983  | 1,805,584.936960 |
| 311 - 312 | 40°53'55"SE | 10.73                 | 312             | 546,464.428423  | 1,805,576.827400 |
| 312 - 313 | 45°03'17"SW | 4.94                  | 313             | 546,460.932307  | 1,805,573.337980 |
| 313 - 314 | 13°20'05"SE | 9.32                  | 314             | 546,463.082228  | 1,805,564.267870 |
| 314 - 315 | 40°11'41"SW | 5.06                  | 315             | 546,459.819599  | 1,805,560.406370 |
| 315 - 316 | 24°08'33"SW | 122.55                | 316             | 546,409.694800  | 1,805,448.574960 |
| 316 - 317 | 16°55'05"SW | 2.65                  | 317             | 546,408.923222  | 1,805,446.038290 |
| 317 - 318 | 00°00'00"SE | 10.96                 | 318             | 546,408.923222  | 1,805,435.081500 |
| 318 - 319 | 24°04'31"SW | 25.59                 | 319             | 546,398.483628  | 1,805,411.716700 |
| 319 - 320 | 16°55'05"SW | 34.54                 | 320             | 546,388.432901  | 1,805,378.673500 |
| 320 - 321 | 51°25'43"SW | 19.59                 | 321             | 546,373.113100  | 1,805,366.456500 |
| 321 - 322 | 27°38'34"SW | 25.76                 | 322             | 546,361.163801  | 1,805,343.641200 |
| 322 - 323 | 20°19'50"SE | 7.13                  | 323             | 546,363.642301  | 1,805,336.952000 |
| 323 - 324 | 33°14'59"SW | 78.56                 | 324             | 546,320.570801  | 1,805,271.256600 |
| 324 - 325 | 38°29'12"SW | 25.36                 | 325             | 546,304.786626  | 1,805,251.403880 |
| 325 - 326 | 42°42'33"SW | 18.75                 | 326             | 546,292.070002  | 1,805,237.627540 |
| 326 - 327 | 40°16'52"SW | 11.00                 | 327             | 546,284.956500  | 1,805,229.234060 |
| 327 - 328 | 42°27'09"SW | 63.64                 | 328             | 546,242.000600  | 1,805,182.277860 |
| 328 - 329 | 57°37'35"SW | 60.02                 | 329             | 546,191.311500  | 1,805,150.142560 |
| 329 - 330 | 58°00'40"SW | 42.11                 | 330             | 546,155.595795  | 1,805,127.834610 |
| 330 - 331 | 58°00'39"SW | 4.80                  | 331             | 546,151.526800  | 1,805,125.293100 |
| 331 - 332 | 73°10'15"SW | 29.86                 | 332             | 546,122.948100  | 1,805,116.648900 |
| 332 - 333 | 79°24'27"NW | 74.99                 | 333             | 546,049.236500  | 1,805,130.433400 |
| 333 - 334 | 61°03'47"NW | 81.03                 | 334             | 545,978.320100  | 1,805,169.640600 |
| 334 - 335 | 72°22'28"NW | 36.30                 | 335             | 545,943.727900  | 1,805,180.630800 |
| 335 - 336 | 52°53'05"SW | 5.51                  | 336             | 545,939.336000  | 1,805,177.307400 |
| 336 - 337 | 88°03'26"SW | 3.91                  | 337             | 545,935.431142  | 1,805,177.174950 |
| 337 - 338 | 88°03'44"SW | 0.17                  | 338             | 545,935.259112  | 1,805,177.169130 |
| 338 - 339 | 88°03'25"SW | 12.98                 | 339             | 545,922.284500  | 1,805,176.728960 |
| 339 - 340 | 15°32'04"SW | 11.78                 | 340             | 545,919.129600  | 1,805,165.379360 |
| 340 - 341 | 25°02'35"SE | 35.50                 | 341             | 545,934.155900  | 1,805,133.218760 |
| 341 - 342 | 64°57'23"SW | 20.00                 | 342             | 545,916.036100  | 1,805,124.752600 |
| 342 - 343 | 67°27'09"SW | 15.21                 | 343             | 545,901.986835  | 1,805,118.919630 |
| 343 - 344 | 53°07'48"NW | 17.75                 | 344             | 545,887.789202  | 1,805,129.567850 |

A partir de este vértice 344 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 8,564.50 metros hasta llegar al vértice 345

|         |             |        |     |                |                  |
|---------|-------------|--------|-----|----------------|------------------|
|         |             |        | 345 | 541,518.013609 | 1,811,268.643110 |
| 345 - 1 | 41°34'36"NE | 103.96 | 1   |                |                  |

| Polígono general      | Superficie (ha)   | Zonificación    | Nombre                       | Superficie (ha)   |
|-----------------------|-------------------|-----------------|------------------------------|-------------------|
| Playa Tierra Colorada | 263.720446        | Amortiguamiento | Punta Maldonado<br>(El Faro) | 131.837604        |
|                       |                   | Núcleo          | Barrita del río              | 131.882842        |
| <b>Total</b>          | <b>263.720446</b> | <b>Total</b>    |                              | <b>263.720446</b> |





**“Playa Chacahua”**

El Santuario conocido como Playa Chacahua, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en los municipios de Villa de Tututepec y Santiago Jamiltepec, en el estado de Oaxaca, con una superficie total de 545-63-28.73 hectáreas (QUINIENTAS CUARENTA Y CINCO HECTÁREAS, SESENTA Y TRES ÁREAS, VEINTIOCHO PUNTO SETENTA Y TRES CENTIÁREAS). En el área se ubican cuatro zonas de amortiguamiento con una superficie de 382.88-31.43 hectáreas (TRESCIENTAS OCHENTA Y DOS HECTÁREAS, OCHENTA Y OCHO ÁREAS, TREINTA Y UNA PUNTO CUARENTA Y TRES CENTIÁREAS) y ocho zonas núcleo con una superficie de 162-74-97.30 hectáreas (CIENTO SESENTA Y DOS HECTÁREAS, SETENTA Y CUATRO ÁREAS, NOVENTA Y SIETE PUNTO TREINTA CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Chacahua, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 14 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General****(Superficie 545-63-28.73 hectáreas)**

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
|         |             |                    | 1            | 619,618.118200  | 1,774,300.474400 |
| 1 - 2   | 55°46'13"SE | 480.32             | 2            | 620,015.239400  | 1,774,030.291600 |
| 2 - 3   | 56°01'39"SE | 1,542.76           | 3            | 621,294.662300  | 1,773,168.203900 |
| 3 - 4   | 48°41'48"SE | 370.58             | 4            | 621,573.051000  | 1,772,923.605600 |
| 4 - 5   | 41°18'59"SE | 18.15              | 5            | 621,585.036200  | 1,772,909.971100 |
| 5 - 6   | 60°15'17"SE | 4.91               | 6            | 621,589.299700  | 1,772,907.534800 |
| 6 - 7   | 33°55'24"SE | 12.38              | 7            | 621,596.211100  | 1,772,897.258600 |
| 7 - 8   | 41°19'00"SE | 134.46             | 8            | 621,684.986600  | 1,772,796.267700 |
| 8 - 9   | 50°15'58"SE | 144.09             | 9            | 621,795.793100  | 1,772,704.164300 |
| 9 - 10  | 50°56'32"SE | 26.77              | 10           | 621,816.583200  | 1,772,687.294200 |
| 10 - 11 | 40°06'48"SE | 49.68              | 11           | 621,848.591900  | 1,772,649.300900 |
| 11 - 12 | 66°15'15"SE | 67.17              | 12           | 621,910.072400  | 1,772,622.254300 |
| 12 - 13 | 68°27'13"SE | 70.44              | 13           | 621,975.592200  | 1,772,596.384200 |
| 13 - 14 | 78°26'23"SE | 47.53              | 14           | 622,022.158900  | 1,772,586.859200 |
| 14 - 15 | 44°50'55"SE | 28.36              | 15           | 622,042.161500  | 1,772,566.750800 |
| 15 - 16 | 65°22'35"SE | 83.82              | 16           | 622,118.361600  | 1,772,531.825800 |
| 16 - 17 | 69°02'03"SE | 121.27             | 17           | 622,231.603500  | 1,772,488.434100 |
| 17 - 18 | 37°58'17"SE | 55.04              | 18           | 622,265.470300  | 1,772,445.042200 |
| 18 - 19 | 54°09'44"SE | 47.00              | 19           | 622,303.570300  | 1,772,417.525500 |
| 19 - 20 | 62°15'57"SE | 115.98             | 20           | 622,406.228900  | 1,772,363.550500 |
| 20 - 21 | 39°48'20"SE | 66.13              | 21           | 622,448.562300  | 1,772,312.750400 |
| 21 - 22 | 59°17'13"SE | 149.20             | 22           | 622,576.832600  | 1,772,236.550200 |
| 22 - 23 | 34°37'26"SE | 54.02              | 23           | 622,607.524300  | 1,772,192.100000 |
| 23 - 24 | 49°58'11"SE | 34.55              | 24           | 622,633.982700  | 1,772,169.875100 |
| 24 - 25 | 60°45'03"SE | 60.65              | 25           | 622,686.899400  | 1,772,140.241600 |
| 25 - 26 | 56°41'22"SE | 88.65              | 26           | 622,760.982900  | 1,772,091.558300 |
| 26 - 27 | 45°38'37"SE | 66.61              | 27           | 622,808.608000  | 1,772,044.991400 |
| 27 - 28 | 74°44'41"SE | 72.40              | 28           | 622,878.458200  | 1,772,025.941500 |
| 28 - 29 | 63°44'58"SE | 86.14              | 29           | 622,955.716600  | 1,771,987.841300 |
| 29 - 30 | 63°23'39"SE | 199.45             | 30           | 623,134.046200  | 1,771,898.517900 |
| 30 - 31 | 43°04'09"SE | 66.64              | 31           | 623,179.554600  | 1,771,849.834300 |
| 31 - 32 | 20°24'35"SE | 48.56              | 32           | 623,196.488000  | 1,771,804.326000 |
| 32 - 33 | 59°53'55"SE | 84.41              | 33           | 623,269.513100  | 1,771,761.992600 |
| 33 - 34 | 51°33'45"SE | 85.12              | 34           | 623,336.188200  | 1,771,709.075800 |
| 34 - 35 | 66°38'40"SE | 101.45             | 35           | 623,429.321800  | 1,771,668.859100 |
| 35 - 36 | 57°37'09"SE | 51.38              | 36           | 623,472.713500  | 1,771,641.342300 |
| 36 - 37 | 53°46'52"SE | 93.14              | 37           | 623,547.855300  | 1,771,586.308900 |
| 37 - 38 | 61°09'14"SE | 225.94             | 38           | 623,745.764100  | 1,771,477.300400 |
| 38 - 39 | 56°19'40"SE | 185.92             | 39           | 623,900.492700  | 1,771,374.218400 |
| 39 - 40 | 58°39'44"SE | 250.30             | 40           | 624,114.276500  | 1,771,244.043100 |
| 40 - 41 | 58°13'40"SE | 192.96             | 41           | 624,278.318500  | 1,771,142.442900 |

| Est-PV  | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|--------------------|--------------|-----------------|------------------|
|         |             |                    |              | X               | Y                |
| 41 - 42 | 51°06'56"SE | 42.15              | 42           | 624,311.126900  | 1,771,115.984600 |
| 42 - 43 | 66°30'05"SE | 53.09              | 43           | 624,359.810300  | 1,771,094.817900 |
| 43 - 44 | 51°30'14"SE | 53.38              | 44           | 624,401.584900  | 1,771,061.593700 |
| 44 - 45 | 61°24'34"SE | 44.53              | 45           | 624,440.682900  | 1,771,040.285200 |
| 45 - 46 | 59°01'55"SE | 24.42              | 46           | 624,461.622200  | 1,771,027.719500 |
| 46 - 47 | 55°50'24"SE | 35.81              | 47           | 624,491.255600  | 1,771,007.611100 |
| 47 - 48 | 60°27'39"SE | 36.49              | 48           | 624,523.005600  | 1,770,989.619300 |
| 48 - 49 | 63°26'05"SE | 30.76              | 49           | 624,550.522300  | 1,770,975.860900 |
| 49 - 50 | 58°08'03"SE | 46.11              | 50           | 624,589.680800  | 1,770,951.519300 |
| 50 - 51 | 54°27'44"SE | 27.31              | 51           | 624,611.905800  | 1,770,935.644300 |
| 51 - 52 | 52°22'25"SE | 64.14              | 52           | 624,662.705900  | 1,770,896.485900 |
| 52 - 53 | 68°11'55"SE | 34.20              | 53           | 624,694.456000  | 1,770,883.785900 |
| 53 - 54 | 60°45'03"SE | 30.32              | 54           | 624,720.914300  | 1,770,868.969100 |
| 54 - 55 | 56°46'06"SE | 36.69              | 55           | 624,751.606100  | 1,770,848.860800 |
| 55 - 56 | 48°48'50"SE | 45.00              | 56           | 624,785.472800  | 1,770,819.227400 |
| 56 - 57 | 58°23'32"SE | 32.31              | 57           | 624,812.989500  | 1,770,802.293900 |
| 57 - 58 | 72°10'52"SE | 31.13              | 58           | 624,842.622900  | 1,770,792.768900 |
| 58 - 59 | 83°17'24"SE | 36.23              | 59           | 624,878.606300  | 1,770,788.535600 |
| 59 - 60 | 66°02'14"SE | 31.27              | 60           | 624,907.181400  | 1,770,775.835500 |
| 60 - 61 | 54°27'44"SE | 72.83              | 61           | 624,966.448200  | 1,770,733.502200 |
| 61 - 62 | 40°06'02"SE | 26.29              | 62           | 624,983.381500  | 1,770,713.393800 |
| 62 - 63 | 54°39'07"SE | 22.32              | 63           | 625,001.584900  | 1,770,700.482200 |
| 63 - 64 | 43°21'47"SE | 26.20              | 64           | 625,019.576600  | 1,770,681.432100 |
| 64 - 65 | 69°26'37"SE | 18.08              | 65           | 625,036.510000  | 1,770,675.082000 |
| 65 - 66 | 77°28'16"SE | 19.51              | 66           | 625,055.560000  | 1,770,670.848700 |
| 66 - 67 | 56°18'35"SE | 19.08              | 67           | 625,071.435000  | 1,770,660.265300 |
| 67 - 68 | 54°46'57"SE | 22.02              | 68           | 625,089.426700  | 1,770,647.565400 |
| 68 - 69 | 84°17'20"SE | 21.27              | 69           | 625,110.593500  | 1,770,645.448600 |
| 69 - 70 | 54°14'45"SE | 32.60              | 70           | 625,137.051800  | 1,770,626.398600 |
| 70 - 71 | 48°34'34"SE | 23.99              | 71           | 625,155.043500  | 1,770,610.523600 |
| 71 - 72 | 67°53'26"SE | 36.55              | 72           | 625,188.910300  | 1,770,596.765300 |
| 72 - 73 | 57°31'43"SE | 27.60              | 73           | 625,212.193700  | 1,770,581.948500 |
| 73 - 74 | 50°54'22"SE | 21.82              | 74           | 625,229.127000  | 1,770,568.190200 |
| 74 - 75 | 37°52'30"SE | 24.13              | 75           | 625,243.943700  | 1,770,549.140200 |
| 75 - 76 | 62°31'31"SE | 29.82              | 76           | 625,270.402100  | 1,770,535.381800 |
| 76 - 77 | 65°13'29"SE | 45.46              | 77           | 625,311.677200  | 1,770,516.331800 |
| 77 - 78 | 41°59'13"SE | 28.48              | 78           | 625,330.727200  | 1,770,495.165100 |
| 78 - 79 | 60°01'05"SE | 31.77              | 79           | 625,358.244000  | 1,770,479.290000 |
| 79 - 80 | 56°18'35"SE | 26.71              | 80           | 625,380.469000  | 1,770,464.473300 |
| 80 - 81 | 64°21'31"SE | 29.35              | 81           | 625,406.927400  | 1,770,451.773200 |
| 81 - 82 | 62°35'33"SE | 32.19              | 82           | 625,435.502400  | 1,770,436.956600 |
| 82 - 83 | 65°50'00"SE | 36.19              | 83           | 625,468.522500  | 1,770,422.139900 |
| 83 - 84 | 71°33'53"SE | 46.85              | 84           | 625,512.972600  | 1,770,407.323100 |
| 84 - 85 | 67°46'56"SE | 81.17              | 85           | 625,588.114400  | 1,770,376.631500 |
| 85 - 86 | 59°02'10"SE | 30.86              | 86           | 625,614.572800  | 1,770,360.756400 |
| 86 - 87 | 64°05'36"SE | 82.36              | 87           | 625,688.656300  | 1,770,324.773000 |
| 87 - 88 | 67°02'45"SE | 97.69              | 88           | 625,778.614800  | 1,770,286.672900 |
| 88 - 89 | 69°31'40"SE | 84.73              | 89           | 625,857.990000  | 1,770,257.039600 |
| 89 - 90 | 56°18'35"SE | 72.50              | 90           | 625,918.315100  | 1,770,216.822800 |
| 90 - 91 | 62°55'40"SE | 106.97             | 91           | 626,013.565300  | 1,770,168.139400 |
| 91 - 92 | 58°55'15"SE | 90.21              | 92           | 626,090.823800  | 1,770,121.572700 |
| 92 - 93 | 63°22'09"SE | 124.19             | 93           | 626,201.843100  | 1,770,065.904200 |
| 93 - 94 | 62°50'05"SE | 90.41              | 94           | 626,282.276600  | 1,770,024.629000 |
| 94 - 95 | 63°46'05"SE | 81.41              | 95           | 626,355.301800  | 1,769,988.645600 |
| 95 - 96 | 68°11'55"SE | 62.69              | 96           | 626,413.510200  | 1,769,965.362300 |
| 96 - 97 | 64°34'50"SE | 118.35             | 97           | 626,520.402100  | 1,769,914.562100 |
| 97 - 98 | 12°39'09"SW | 53.15              | 98           | 626,508.760400  | 1,769,862.703800 |
| 98 - 99 | 76°32'43"SE | 22.74              | 99           | 626,530.879600  | 1,769,857.412000 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 99 - 100  | 73°23'34"SE | 62.95              | 100          | 626,591.204800  | 1,769,839.420300 |
| 100 - 101 | 64°29'10"SE | 51.60              | 101          | 626,637.771500  | 1,769,817.195300 |
| 101 - 102 | 73°55'35"SE | 64.98              | 102          | 626,700.213300  | 1,769,799.203700 |
| 102 - 103 | 72°20'59"SE | 73.30              | 103          | 626,770.063400  | 1,769,776.978600 |
| 103 - 104 | 74°24'25"SE | 94.49              | 104          | 626,861.080300  | 1,769,751.578500 |
| 104 - 105 | 70°04'28"SE | 90.06              | 105          | 626,945.747100  | 1,769,720.886900 |
| 105 - 106 | 55°47'03"SE | 32.00              | 106          | 626,972.205500  | 1,769,702.895200 |
| 106 - 107 | 66°56'55"SE | 108.12             | 107          | 627,071.689000  | 1,769,660.561700 |
| 107 - 108 | 58°34'13"SE | 44.65              | 108          | 627,109.789100  | 1,769,637.278400 |
| 108 - 109 | 59°12'24"SE | 97.58              | 109          | 627,193.609300  | 1,769,587.324900 |
| 109 - 110 | 52°07'30"SE | 36.20              | 110          | 627,222.184300  | 1,769,565.099900 |
| 110 - 111 | 56°55'45"SE | 54.31              | 111          | 627,267.692800  | 1,769,535.466400 |
| 111 - 112 | 46°38'11"SE | 52.41              | 112          | 627,305.792800  | 1,769,499.483000 |
| 112 - 113 | 53°54'06"SE | 62.87              | 113          | 627,356.593000  | 1,769,462.441200 |
| 113 - 114 | 46°45'19"SE | 67.75              | 114          | 627,405.947900  | 1,769,416.021500 |
| 114 - 115 | 68°26'06"SE | 49.35              | 115          | 627,451.843100  | 1,769,397.882900 |
| 115 - 116 | 41°59'14"NE | 25.63              | 116          | 627,468.988200  | 1,769,416.932900 |
| 116 - 117 | 51°20'24"SE | 33.88              | 117          | 627,495.446600  | 1,769,395.766100 |
| 117 - 118 | 58°09'39"SE | 154.48             | 118          | 627,626.680200  | 1,769,314.274300 |
| 118 - 119 | 52°07'29"SE | 36.20              | 119          | 627,655.255200  | 1,769,292.049200 |
| 119 - 120 | 54°41'19"SE | 62.25              | 120          | 627,706.055300  | 1,769,256.065900 |
| 120 - 121 | 55°47'03"SE | 32.00              | 121          | 627,732.513700  | 1,769,238.074200 |
| 121 - 122 | 63°26'06"SE | 44.96              | 122          | 627,772.730400  | 1,769,217.965900 |
| 122 - 123 | 56°58'34"SE | 75.74              | 123          | 627,836.230600  | 1,769,176.690800 |
| 123 - 124 | 43°03'20"NE | 24.88              | 124          | 627,853.217600  | 1,769,194.871600 |
| 124 - 125 | 23°52'13"NE | 49.56              | 125          | 627,873.272300  | 1,769,240.190800 |
| 125 - 126 | 57°05'41"SE | 42.86              | 126          | 627,909.255700  | 1,769,216.907500 |
| 126 - 127 | 56°18'35"SE | 45.79              | 127          | 627,947.355800  | 1,769,191.507400 |
| 127 - 128 | 39°26'48"NE | 21.00              | 128          | 627,960.695900  | 1,769,207.720900 |
| 128 - 129 | 70°19'45"SE | 17.43              | 129          | 627,977.106600  | 1,769,201.854500 |
| 129 - 130 | 49°15'23"SE | 83.89              | 130          | 628,040.663800  | 1,769,147.102500 |
| 130 - 131 | 44°59'59"SE | 28.28              | 131          | 628,060.663700  | 1,769,127.102500 |
| 131 - 132 | 48°23'17"SE | 119.31             | 132          | 628,149.865700  | 1,769,047.872000 |
| 132 - 133 | 56°09'04"SE | 53.78              | 133          | 628,194.532200  | 1,769,017.915200 |
| 133 - 134 | 45°43'26"SE | 79.38              | 134          | 628,251.368300  | 1,768,962.497800 |
| 134 - 135 | 84°08'38"SE | 25.93              | 135          | 628,277.165200  | 1,768,959.852000 |
| 135 - 136 | 30°57'49"SE | 27.00              | 136          | 628,291.055900  | 1,768,936.700900 |
| 136 - 137 | 78°31'50"SE | 46.57              | 137          | 628,336.696600  | 1,768,927.440600 |
| 137 - 138 | 16°11'21"SW | 21.35              | 138          | 628,330.743400  | 1,768,906.935300 |
| 138 - 139 | 02°17'26"SE | 16.55              | 139          | 628,331.404900  | 1,768,890.398700 |
| 139 - 140 | 41°00'33"SE | 20.16              | 140          | 628,344.634100  | 1,768,875.185200 |
| 140 - 141 | 18°26'05"SE | 25.10              | 141          | 628,352.571600  | 1,768,851.372700 |
| 141 - 142 | 81°04'37"SE | 22.57              | 142          | 628,374.864900  | 1,768,847.872500 |
| 142 - 143 | 86°48'32"NE | 39.81              | 143          | 628,414.610900  | 1,768,850.088300 |
| 143 - 144 | 88°18'55"SE | 36.00              | 144          | 628,450.594300  | 1,768,849.030100 |
| 144 - 145 | 44°59'59"SE | 22.45              | 145          | 628,466.469300  | 1,768,833.155000 |
| 145 - 146 | 18°58'13"SE | 35.81              | 146          | 628,478.111000  | 1,768,799.288300 |
| 146 - 147 | 38°02'49"SE | 30.91              | 147          | 628,497.161100  | 1,768,774.946500 |
| 147 - 148 | 86°03'17"SE | 30.76              | 148          | 628,527.852800  | 1,768,772.829900 |
| 148 - 149 | 82°03'23"NE | 45.95              | 149          | 628,573.361200  | 1,768,779.179900 |
| 149 - 150 | 49°47'49"SE | 96.55              | 150          | 628,647.104100  | 1,768,716.855900 |
| 150 - 151 | 63°21'12"SE | 64.62              | 151          | 628,704.863700  | 1,768,687.873400 |
| 151 - 152 | 53°34'30"SE | 70.83              | 152          | 628,761.854300  | 1,768,645.818300 |
| 152 - 153 | 61°02'20"SE | 78.68              | 153          | 628,830.692300  | 1,768,607.722000 |
| 153 - 154 | 59°42'50"SE | 71.12              | 154          | 628,892.103100  | 1,768,571.856400 |
| 154 - 155 | 54°51'49"SE | 171.37             | 155          | 629,032.245800  | 1,768,473.230300 |
| 155 - 156 | 53°07'48"SE | 50.00              | 156          | 629,072.245600  | 1,768,443.230500 |
| 156 - 157 | 55°37'58"SE | 44.76              | 157          | 629,109.196000  | 1,768,417.961100 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 157 - 158 | 49°10'13"SE | 19.60              | 158          | 629,124.024800  | 1,768,405.147800 |
| 158 - 159 | 56°02'23"SE | 50.20              | 159          | 629,165.660600  | 1,768,377.106100 |
| 159 - 160 | 70°16'53"SE | 35.44              | 160          | 629,199.024500  | 1,768,365.148000 |
| 160 - 161 | 60°19'57"SE | 34.72              | 161          | 629,229.195700  | 1,768,347.961400 |
| 161 - 162 | 45°49'30"SE | 29.93              | 162          | 629,250.660300  | 1,768,327.106300 |
| 162 - 163 | 44°54'56"SE | 103.00             | 163          | 629,323.385500  | 1,768,254.166700 |
| 163 - 164 | 43°15'30"SE | 41.67              | 164          | 629,351.939900  | 1,768,223.821400 |
| 164 - 165 | 27°51'11"SE | 50.94              | 165          | 629,375.741300  | 1,768,178.779400 |
| 165 - 166 | 23°52'15"SE | 36.80              | 166          | 629,390.633700  | 1,768,145.126700 |
| 166 - 167 | 56°33'30"SE | 40.22              | 167          | 629,424.195100  | 1,768,122.962000 |
| 167 - 168 | 45°15'26"SE | 62.22              | 168          | 629,468.385600  | 1,768,079.166700 |
| 168 - 169 | 52°49'27"SE | 53.06              | 169          | 629,510.659700  | 1,768,047.107100 |
| 169 - 170 | 58°29'42"SE | 83.96              | 170          | 629,582.244000  | 1,768,003.231900 |
| 170 - 171 | 41°58'40"SE | 122.01             | 171          | 629,663.849300  | 1,767,912.530100 |
| 171 - 172 | 47°04'02"NE | 69.96              | 172          | 629,715.070700  | 1,767,960.182500 |
| 172 - 173 | 56°36'41"SE | 69.71              | 173          | 629,773.279100  | 1,767,921.817900 |
| 173 - 174 | 46°07'24"SE | 47.72              | 174          | 629,807.675000  | 1,767,888.745000 |
| 174 - 175 | 67°41'37"SE | 55.77              | 175          | 629,859.268900  | 1,767,867.578300 |
| 175 - 176 | 50°11'39"SE | 72.33              | 176          | 629,914.831500  | 1,767,821.276100 |
| 176 - 177 | 56°18'35"SE | 52.47              | 177          | 629,958.487800  | 1,767,792.171800 |
| 177 - 178 | 55°10'31"SE | 74.13              | 178          | 630,019.342100  | 1,767,749.838400 |
| 178 - 179 | 53°23'34"SE | 57.68              | 179          | 630,065.644300  | 1,767,715.442500 |
| 179 - 180 | 87°55'00"SE | 52.29              | 180          | 630,117.896000  | 1,767,713.541900 |
| 180 - 181 | 82°24'19"SE | 48.05              | 181          | 630,165.521100  | 1,767,707.192000 |
| 181 - 182 | 57°31'43"SE | 41.40              | 182          | 630,200.446100  | 1,767,684.966900 |
| 182 - 183 | 64°01'32"SE | 68.87              | 183          | 630,262.358800  | 1,767,654.804300 |
| 183 - 184 | 52°18'20"SE | 88.27              | 184          | 630,332.208900  | 1,767,600.829200 |
| 184 - 185 | 06°31'11"SE | 55.92              | 185          | 630,338.558900  | 1,767,545.266700 |
| 185 - 186 | 47°12'09"SE | 47.11              | 186          | 630,373.127600  | 1,767,513.258600 |
| 186 - 187 | 57°39'26"SE | 73.70              | 187          | 630,435.396600  | 1,767,473.829000 |
| 187 - 188 | 45°51'18"SE | 75.22              | 188          | 630,489.371700  | 1,767,421.441300 |
| 188 - 189 | 73°48'39"SE | 51.24              | 189          | 630,538.584300  | 1,767,407.153900 |
| 189 - 190 | 53°56'06"SE | 62.56              | 190          | 630,589.154200  | 1,767,370.325200 |
| 190 - 191 | 82°59'20"NE | 54.61              | 191          | 630,643.359500  | 1,767,376.991300 |
| 191 - 192 | 87°08'15"SE | 63.58              | 192          | 630,706.859700  | 1,767,373.816300 |
| 192 - 193 | 73°08'29"SE | 54.74              | 193          | 630,759.247300  | 1,767,357.941300 |
| 193 - 194 | 17°06'09"SE | 21.59              | 194          | 630,765.597300  | 1,767,337.303800 |
| 194 - 195 | 42°08'15"SE | 44.96              | 195          | 630,795.759800  | 1,767,303.966200 |
| 195 - 196 | 31°45'10"SW | 21.65              | 196          | 630,784.367400  | 1,767,285.558400 |
| 196 - 197 | 21°17'40"SW | 23.81              | 197          | 630,775.721600  | 1,767,263.376800 |
| 197 - 198 | 38°42'13"SE | 11.68              | 198          | 630,783.024900  | 1,767,254.262000 |
| 198 - 199 | 44°39'46"SW | 9.17               | 199          | 630,776.576600  | 1,767,247.737400 |
| 199 - 200 | 80°04'13"SW | 27.48              | 200          | 630,749.513000  | 1,767,242.999700 |
| 200 - 201 | 82°45'58"SW | 47.66              | 201          | 630,702.233700  | 1,767,236.998600 |
| 201 - 202 | 73°34'22"SW | 20.65              | 202          | 630,682.426400  | 1,767,231.158800 |
| 202 - 203 | 45°44'40"SW | 14.30              | 203          | 630,672.182700  | 1,767,221.177900 |
| 203 - 204 | 24°17'55"SE | 15.03              | 204          | 630,678.368200  | 1,767,207.477700 |
| 204 - 205 | 77°15'25"SE | 38.78              | 205          | 630,716.193700  | 1,767,198.923600 |
| 205 - 206 | 76°33'53"SE | 40.07              | 206          | 630,755.168500  | 1,767,189.613200 |
| 206 - 207 | 81°41'57"SE | 30.49              | 207          | 630,785.338400  | 1,767,185.211500 |
| 207 - 208 | 77°34'07"NE | 35.31              | 208          | 630,819.821100  | 1,767,192.812800 |
| 208 - 209 | 83°31'37"SE | 20.56              | 209          | 630,840.253400  | 1,767,190.494600 |
| 209 - 210 | 71°41'39"NE | 14.84              | 210          | 630,854.344100  | 1,767,195.156200 |
| 210 - 211 | 87°17'41"SE | 137.13             | 211          | 630,991.318000  | 1,767,188.684500 |
| 211 - 212 | 06°16'05"SW | 80.25              | 212          | 630,982.556000  | 1,767,108.914900 |
| 212 - 213 | 78°11'12"SE | 165.43             | 213          | 631,144.481400  | 1,767,075.048100 |
| 213 - 214 | 16°41'58"SW | 22.10              | 214          | 631,138.131300  | 1,767,053.881500 |
| 214 - 215 | 66°28'36"SE | 98.11              | 215          | 631,228.089900  | 1,767,014.723000 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 215 - 216 | 87°21'41"SE | 229.90             | 216          | 631,457.748700  | 1,767,004.139800 |
| 216 - 217 | 89°08'36"SE | 228.86             | 217          | 631,686.584000  | 1,767,000.718400 |
| 217 - 218 | 77°28'16"SE | 84.35              | 218          | 631,768.926800  | 1,766,982.419900 |
| 218 - 219 | 86°02'23"NE | 51.57              | 219          | 631,820.375200  | 1,766,985.981500 |
| 219 - 220 | 81°15'59"SE | 42.27              | 220          | 631,862.153400  | 1,766,979.563600 |
| 220 - 221 | 78°36'11"SE | 85.21              | 221          | 631,945.679600  | 1,766,962.726500 |
| 221 - 222 | 80°06'48"SE | 99.59              | 222          | 632,043.793700  | 1,766,945.626600 |
| 222 - 223 | 82°24'37"SE | 300.17             | 223          | 632,341.330300  | 1,766,905.981600 |
| 223 - 224 | 85°09'35"SE | 59.26              | 224          | 632,400.375100  | 1,766,900.981700 |
| 224 - 225 | 83°40'29"SE | 93.99              | 225          | 632,493.792700  | 1,766,890.626800 |
| 225 - 226 | 82°52'30"SE | 161.24             | 226          | 632,653.792300  | 1,766,870.626900 |
| 226 - 227 | 83°32'15"SE | 529.95             | 227          | 633,180.374800  | 1,766,810.982000 |
| 227 - 228 | 83°18'12"SE | 70.78              | 228          | 633,250.674100  | 1,766,802.728200 |
| 228 - 229 | 81°52'11"SE | 141.42             | 229          | 633,390.673500  | 1,766,782.728400 |
| 229 - 230 | 81°01'39"SE | 96.18              | 230          | 633,485.673100  | 1,766,767.728700 |
| 230 - 231 | 75°38'02"SE | 91.54              | 231          | 633,574.348700  | 1,766,745.016600 |
| 231 - 232 | 80°12'53"SE | 55.25              | 232          | 633,628.790100  | 1,766,735.627400 |
| 232 - 233 | 79°34'39"SE | 53.58              | 233          | 633,681.481700  | 1,766,725.935400 |
| 233 - 234 | 81°27'15"SE | 76.51              | 234          | 633,757.145200  | 1,766,714.565700 |
| 234 - 235 | 84°17'22"SE | 50.25              | 235          | 633,807.145000  | 1,766,709.565800 |
| 235 - 236 | 85°14'34"SE | 163.79             | 236          | 633,970.375000  | 1,766,695.982200 |
| 236 - 237 | 83°43'33"SE | 91.50              | 237          | 634,061.330700  | 1,766,685.982300 |
| 237 - 238 | 86°02'43"SE | 77.64              | 238          | 634,138.789000  | 1,766,680.627600 |
| 238 - 239 | 80°43'31"SE | 99.66              | 239          | 634,237.143100  | 1,766,664.566200 |
| 239 - 240 | 80°18'42"SE | 82.83              | 240          | 634,318.788800  | 1,766,650.627700 |
| 240 - 241 | 79°55'31"SE | 83.99              | 241          | 634,401.481700  | 1,766,635.935800 |
| 241 - 242 | 81°27'15"SE | 76.51              | 242          | 634,477.142100  | 1,766,624.566400 |
| 242 - 243 | 77°37'33"SE | 40.28              | 243          | 634,516.481500  | 1,766,615.935800 |
| 243 - 244 | 80°31'44"SE | 49.87              | 244          | 634,565.668600  | 1,766,607.730200 |
| 244 - 245 | 80°13'59"SE | 77.60              | 245          | 634,642.141400  | 1,766,594.566700 |
| 245 - 246 | 79°26'44"SE | 64.62              | 246          | 634,705.668000  | 1,766,582.730400 |
| 246 - 247 | 79°08'45"SE | 64.27              | 247          | 634,768.787500  | 1,766,570.628100 |
| 247 - 248 | 79°55'31"SE | 83.99              | 248          | 634,851.481700  | 1,766,555.935900 |
| 248 - 249 | 81°05'07"SE | 85.21              | 249          | 634,935.667000  | 1,766,542.730700 |
| 249 - 250 | 80°34'22"SE | 134.94             | 250          | 635,068.787000  | 1,766,520.628200 |
| 250 - 251 | 80°48'28"SE | 69.24              | 251          | 635,137.139200  | 1,766,509.567100 |
| 251 - 252 | 79°22'49"SE | 81.39              | 252          | 635,217.138900  | 1,766,494.567300 |
| 252 - 253 | 78°40'44"SE | 671.59             | 253          | 635,875.663000  | 1,766,362.731900 |
| 253 - 254 | 79°00'58"SE | 89.77              | 254          | 635,963.785200  | 1,766,345.628600 |
| 254 - 255 | 79°46'13"SE | 128.93             | 255          | 636,090.662200  | 1,766,322.732300 |
| 255 - 256 | 79°08'43"SE | 64.27              | 256          | 636,153.784800  | 1,766,310.628700 |
| 256 - 257 | 79°28'34"SE | 54.40              | 257          | 636,207.272700  | 1,766,300.692500 |
| 257 - 258 | 79°54'08"SE | 57.40              | 258          | 636,263.784500  | 1,766,290.628700 |
| 258 - 259 | 77°54'51"SE | 37.71              | 259          | 636,300.661300  | 1,766,282.732700 |
| 259 - 260 | 77°28'16"SE | 92.20              | 260          | 636,390.660900  | 1,766,262.732900 |
| 260 - 261 | 77°09'51"SE | 54.48              | 261          | 636,443.784000  | 1,766,250.628900 |
| 261 - 262 | 77°54'52"SE | 37.71              | 262          | 636,480.660500  | 1,766,242.733000 |
| 262 - 263 | 76°52'06"SE | 53.00              | 263          | 636,532.273100  | 1,766,230.692400 |
| 263 - 264 | 78°26'42"SE | 64.70              | 264          | 636,595.660100  | 1,766,217.733100 |
| 264 - 265 | 76°52'41"SE | 57.99              | 265          | 636,652.132700  | 1,766,204.568800 |
| 265 - 266 | 77°28'16"SE | 138.29             | 266          | 636,787.132200  | 1,766,174.569000 |
| 266 - 267 | 78°37'26"SE | 110.70             | 267          | 636,895.658800  | 1,766,152.733500 |
| 267 - 268 | 78°14'10"SE | 59.37              | 268          | 636,953.783100  | 1,766,140.629100 |
| 268 - 269 | 78°00'14"SE | 206.38             | 269          | 637,155.657700  | 1,766,097.733900 |
| 269 - 270 | 75°57'49"SE | 20.62              | 270          | 637,175.657600  | 1,766,092.733900 |
| 270 - 271 | 80°32'16"SE | 30.41              | 271          | 637,205.657500  | 1,766,087.734100 |
| 271 - 272 | 78°51'46"SE | 42.27              | 272          | 637,247.130200  | 1,766,079.569500 |
| 272 - 273 | 81°58'56"SE | 49.01              | 273          | 637,295.657100  | 1,766,072.734200 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 273 - 274 | 81°24'55"SE | 45.22              | 274          | 637,340.374800  | 1,766,065.983500 |
| 274 - 275 | 82°58'05"SE | 43.74              | 275          | 637,383.782000  | 1,766,060.629300 |
| 275 - 276 | 82°02'31"SE | 43.77              | 276          | 637,427.129400  | 1,766,054.569700 |
| 276 - 277 | 77°31'55"SE | 54.82              | 277          | 637,480.656300  | 1,766,042.734500 |
| 277 - 278 | 73°32'16"SE | 64.10              | 278          | 637,542.128900  | 1,766,024.569700 |
| 278 - 279 | 74°03'16"SE | 109.20             | 279          | 637,647.128400  | 1,765,994.569800 |
| 279 - 280 | 78°28'37"SE | 34.22              | 280          | 637,680.655500  | 1,765,987.734700 |
| 280 - 281 | 81°52'11"SE | 70.71              | 281          | 637,750.655200  | 1,765,977.734700 |
| 281 - 282 | 81°24'54"SE | 45.23              | 282          | 637,795.375000  | 1,765,970.983500 |
| 282 - 283 | 82°56'08"SE | 52.15              | 283          | 637,847.127600  | 1,765,964.570100 |
| 283 - 284 | 77°31'55"SE | 54.82              | 284          | 637,900.654600  | 1,765,952.734900 |
| 284 - 285 | 75°57'49"SE | 144.31             | 285          | 638,040.654100  | 1,765,917.735200 |
| 285 - 286 | 76°45'33"SE | 87.32              | 286          | 638,125.653700  | 1,765,897.735200 |
| 286 - 287 | 78°47'51"SE | 67.76              | 287          | 638,192.126100  | 1,765,884.570400 |
| 287 - 288 | 74°00'56"NE | 52.54              | 288          | 638,242.635000  | 1,765,899.038500 |
| 288 - 289 | 80°50'15"SE | 41.54              | 289          | 638,283.645500  | 1,765,892.423900 |
| 289 - 290 | 89°59'59"NE | 78.05              | 290          | 638,361.697700  | 1,765,892.424000 |
| 290 - 291 | 65°33'21"SE | 47.95              | 291          | 638,405.354100  | 1,765,872.580100 |
| 291 - 292 | 78°29'10"SE | 72.90              | 292          | 638,476.791700  | 1,765,858.028000 |
| 292 - 293 | 79°14'56"SE | 106.38             | 293          | 638,581.302300  | 1,765,838.184300 |
| 293 - 294 | 81°05'05"SE | 68.29              | 294          | 638,648.771200  | 1,765,827.600800 |
| 294 - 295 | 83°51'46"SE | 173.24             | 295          | 638,821.015300  | 1,765,809.080100 |
| 295 - 296 | 74°21'27"SE | 68.69              | 296          | 638,887.161300  | 1,765,790.559200 |
| 296 - 297 | 86°31'54"NE | 43.74              | 297          | 638,930.817600  | 1,765,793.205000 |
| 297 - 298 | 80°59'29"SE | 109.83             | 298          | 639,039.297000  | 1,765,776.007100 |
| 298 - 299 | 71°52'41"SE | 76.56              | 299          | 639,112.057600  | 1,765,752.194500 |
| 299 - 300 | 82°30'14"SE | 50.70              | 300          | 639,162.328500  | 1,765,745.579900 |
| 300 - 301 | 72°53'50"SE | 17.99              | 301          | 639,179.526400  | 1,765,740.288300 |
| 301 - 302 | 60°15'17"SE | 32.00              | 302          | 639,207.307800  | 1,765,724.413100 |
| 302 - 303 | 83°17'23"NE | 22.64              | 303          | 639,229.797400  | 1,765,727.059100 |
| 303 - 304 | 89°59'59"SE | 27.78              | 304          | 639,257.578700  | 1,765,727.059000 |
| 304 - 305 | 82°43'29"NE | 62.68              | 305          | 639,319.755900  | 1,765,734.996600 |
| 305 - 306 | 76°30'15"SE | 68.02              | 306          | 639,385.901900  | 1,765,719.121500 |
| 306 - 307 | 74°28'33"SE | 49.43              | 307          | 639,433.527000  | 1,765,705.892400 |
| 307 - 308 | 75°57'49"SE | 54.55              | 308          | 639,486.443700  | 1,765,692.663100 |
| 308 - 309 | 78°51'25"SE | 88.99              | 309          | 639,573.756400  | 1,765,675.465200 |
| 309 - 310 | 74°44'41"SE | 45.25              | 310          | 639,617.412700  | 1,765,663.558900 |
| 310 - 311 | 77°19'10"SE | 54.24              | 311          | 639,670.329500  | 1,765,651.652600 |
| 311 - 312 | 75°29'59"SE | 79.25              | 312          | 639,747.058800  | 1,765,631.808800 |
| 312 - 313 | 11°45'43"SW | 100.31             | 313          | 639,726.611100  | 1,765,533.605700 |
| 313 - 314 | 74°03'56"SE | 33.79              | 314          | 639,759.105700  | 1,765,524.328400 |
| 314 - 315 | 79°38'25"SE | 61.17              | 315          | 639,819.277700  | 1,765,513.328500 |
| 315 - 316 | 82°46'18"NE | 31.71              | 316          | 639,850.735200  | 1,765,517.318300 |
| 316 - 317 | 32°04'37"NE | 21.34              | 317          | 639,862.069900  | 1,765,535.403500 |
| 317 - 318 | 80°13'03"SE | 48.46              | 318          | 639,909.822300  | 1,765,527.170300 |
| 318 - 319 | 83°25'16"SE | 47.09              | 319          | 639,956.602900  | 1,765,521.775200 |
| 319 - 320 | 14°07'07"NE | 44.28              | 320          | 639,967.405200  | 1,765,564.721700 |
| 320 - 321 | 78°48'08"NE | 19.08              | 321          | 639,986.125400  | 1,765,568.427600 |
| 321 - 322 | 29°36'31"NE | 26.25              | 322          | 639,999.097200  | 1,765,591.254100 |
| 322 - 323 | 79°24'11"SE | 74.82              | 323          | 640,072.642700  | 1,765,577.494500 |
| 323 - 324 | 81°19'30"SE | 48.30              | 324          | 640,120.389200  | 1,765,570.209700 |
| 324 - 325 | 81°53'47"SE | 180.36             | 325          | 640,298.949900  | 1,765,544.786000 |
| 325 - 326 | 87°17'08"SE | 35.35              | 326          | 640,334.259100  | 1,765,543.112000 |
| 326 - 327 | 84°52'02"SE | 29.71              | 327          | 640,363.850300  | 1,765,540.454000 |
| 327 - 328 | 72°48'48"SE | 22.01              | 328          | 640,384.879700  | 1,765,533.949700 |
| 328 - 329 | 85°02'17"SE | 61.32              | 329          | 640,445.970200  | 1,765,528.646000 |
| 329 - 330 | 82°21'21"SE | 102.12             | 330          | 640,547.181700  | 1,765,515.062300 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 330 - 331 | 85°25'20"SE | 88.10              | 331          | 640,634.995700  | 1,765,508.031300 |
| 331 - 332 | 74°30'35"SE | 62.48              | 332          | 640,695.204200  | 1,765,491.345200 |
| 332 - 333 | 82°58'32"SE | 44.25              | 333          | 640,739.123300  | 1,765,485.933700 |
| 333 - 334 | 63°56'20"SE | 40.48              | 334          | 640,775.488400  | 1,765,468.149300 |
| 334 - 335 | 39°11'43"SE | 30.43              | 335          | 640,794.717800  | 1,765,444.567900 |
| 335 - 336 | 60°15'36"SE | 26.47              | 336          | 640,817.697300  | 1,765,431.439400 |
| 336 - 337 | 82°02'49"SE | 32.78              | 337          | 640,850.162700  | 1,765,426.903900 |
| 337 - 338 | 84°52'07"SE | 59.42              | 338          | 640,909.345800  | 1,765,421.589300 |
| 338 - 339 | 85°37'40"SE | 45.95              | 339          | 640,955.161000  | 1,765,418.086400 |
| 339 - 340 | 89°00'25"SE | 40.08              | 340          | 640,995.234500  | 1,765,417.391800 |
| 340 - 341 | 84°41'13"SE | 67.11              | 341          | 641,062.055500  | 1,765,411.177700 |
| 341 - 342 | 81°15'22"SE | 59.90              | 342          | 641,121.262700  | 1,765,402.071400 |
| 342 - 343 | 77°59'15"SE | 75.21              | 343          | 641,194.821800  | 1,765,386.419200 |
| 343 - 344 | 76°00'16"SE | 64.99              | 344          | 641,257.887100  | 1,765,370.700700 |
| 344 - 345 | 57°47'22"SE | 7.65               | 345          | 641,264.361500  | 1,765,366.621900 |
| 345 - 346 | 72°47'38"NE | 44.06              | 346          | 641,306.451800  | 1,765,379.655800 |
| 346 - 347 | 46°58'30"SE | 8.14               | 347          | 641,312.404900  | 1,765,374.099600 |
| 347 - 348 | 90°00'00"NE | 11.31              | 348          | 641,323.715900  | 1,765,374.099600 |
| 348 - 349 | 74°50'45"NE | 19.74              | 349          | 641,342.765900  | 1,765,379.259000 |
| 349 - 350 | 80°45'13"SE | 17.29              | 350          | 641,359.831600  | 1,765,376.480800 |
| 350 - 351 | 76°36'27"NE | 17.13              | 351          | 641,376.500300  | 1,765,380.449500 |
| 351 - 352 | 77°07'31"SE | 14.25              | 352          | 641,390.391000  | 1,765,377.274600 |
| 352 - 353 | 69°02'20"NE | 17.43              | 353          | 641,406.670000  | 1,765,383.510800 |
| 353 - 354 | 77°14'38"NE | 27.83              | 354          | 641,433.809000  | 1,765,389.654700 |
| 354 - 355 | 53°34'09"SE | 36.23              | 355          | 641,462.955500  | 1,765,368.141900 |
| 355 - 356 | 87°57'34"SE | 77.90              | 356          | 641,540.806900  | 1,765,365.368300 |
| 356 - 357 | 72°10'51"NE | 46.69              | 357          | 641,585.257000  | 1,765,379.655900 |
| 357 - 358 | 61°21'42"NE | 43.35              | 358          | 641,623.300200  | 1,765,400.430700 |
| 358 - 359 | 03°57'27"NE | 24.63              | 359          | 641,625.000000  | 1,765,425.000000 |
| 359 - 360 | 16°28'29"NW | 41.24              | 360          | 641,613.304400  | 1,765,464.547400 |
| 360 - 361 | 23°02'47"NE | 3.26               | 361          | 641,614.581900  | 1,765,467.550200 |
| 361 - 362 | 27°43'28"NE | 5.87               | 362          | 641,617.310500  | 1,765,472.742000 |
| 362 - 363 | 31°09'03"NE | 10.56              | 363          | 641,622.773600  | 1,765,481.780100 |
| 363 - 364 | 13°18'50"NE | 48.04              | 364          | 641,633.836400  | 1,765,528.527800 |
| 364 - 365 | 50°14'30"NW | 102.39             | 365          | 641,555.122800  | 1,765,594.012300 |
| 365 - 366 | 70°31'24"NW | 57.53              | 366          | 641,500.883100  | 1,765,613.194700 |
| 366 - 367 | 85°47'40"NW | 45.10              | 367          | 641,455.903800  | 1,765,616.502000 |
| 367 - 368 | 61°40'52"NW | 53.62              | 368          | 641,408.701300  | 1,765,641.937900 |
| 368 - 369 | 25°20'46"NW | 27.81              | 369          | 641,396.795000  | 1,765,667.073300 |
| 369 - 370 | 71°59'44"NW | 55.64              | 370          | 641,343.878300  | 1,765,684.271300 |
| 370 - 371 | 15°01'06"NE | 56.16              | 371          | 641,358.430400  | 1,765,738.511000 |
| 371 - 372 | 16°21'16"NE | 91.61              | 372          | 641,384.227300  | 1,765,826.418900 |
| 372 - 373 | 54°09'44"NE | 29.37              | 373          | 641,408.039900  | 1,765,843.616900 |
| 373 - 374 | 72°53'50"NE | 26.99              | 374          | 641,433.836800  | 1,765,851.554300 |
| 374 - 375 | 74°44'41"SE | 30.17              | 375          | 641,462.941000  | 1,765,843.616800 |
| 375 - 376 | 64°34'23"SE | 34.49              | 376          | 641,494.089000  | 1,765,828.808800 |
| 376 - 377 | 58°18'12"SE | 52.85              | 377          | 641,539.056300  | 1,765,801.040300 |
| 377 - 378 | 27°51'36"NE | 29.43              | 378          | 641,552.808600  | 1,765,827.057700 |
| 378 - 379 | 09°27'44"NE | 54.78              | 379          | 641,561.814400  | 1,765,881.093000 |
| 379 - 380 | 26°09'41"NE | 142.98             | 380          | 641,624.855700  | 1,766,009.427000 |
| 380 - 381 | 27°03'02"NE | 118.82             | 381          | 641,678.891000  | 1,766,115.246200 |
| 381 - 382 | 36°01'38"NE | 91.87              | 382          | 641,732.926300  | 1,766,189.544700 |
| 382 - 383 | 45°03'27"NE | 125.31             | 383          | 641,821.624000  | 1,766,278.063800 |
| 383 - 384 | 45°30'41"NE | 78.15              | 384          | 641,877.375300  | 1,766,332.828400 |
| 384 - 385 | 31°12'31"NE | 5.84               | 385          | 641,880.401000  | 1,766,337.822700 |
| 385 - 386 | 47°24'25"NE | 21.27              | 386          | 641,896.059700  | 1,766,352.218100 |
| 386 - 387 | 49°01'11"NE | 29.58              | 387          | 641,918.391400  | 1,766,371.617100 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 387 - 388 | 52°05'47"NE | 66.40              | 388          | 641,970.784300  | 1,766,412.409100 |
| 388 - 389 | 50°37'50"NE | 28.75              | 389          | 641,993.012800  | 1,766,430.647800 |
| 389 - 390 | 54°15'12"NE | 24.46              | 390          | 642,012.864000  | 1,766,444.936800 |
| 390 - 391 | 53°23'11"NE | 22.26              | 391          | 642,030.733300  | 1,766,458.214300 |
| 391 - 392 | 55°22'32"NE | 27.16              | 392          | 642,053.084800  | 1,766,473.647600 |
| 392 - 393 | 54°32'27"NE | 26.89              | 393          | 642,074.991300  | 1,766,489.249700 |
| 393 - 394 | 55°59'51"NE | 27.57              | 394          | 642,097.844400  | 1,766,504.665700 |
| 394 - 395 | 58°15'58"NE | 44.11              | 395          | 642,135.364200  | 1,766,527.869000 |
| 395 - 396 | 59°00'28"NE | 22.62              | 396          | 642,154.753400  | 1,766,539.515600 |
| 396 - 397 | 59°45'00"NE | 24.02              | 397          | 642,175.505100  | 1,766,551.617500 |
| 397 - 398 | 62°32'18"NE | 25.80              | 398          | 642,198.395500  | 1,766,563.514000 |
| 398 - 399 | 57°24'12"NE | 20.85              | 399          | 642,215.957400  | 1,766,574.743800 |
| 399 - 400 | 60°32'31"NE | 16.85              | 400          | 642,230.626500  | 1,766,583.029000 |
| 400 - 401 | 57°10'29"NE | 25.95              | 401          | 642,252.429700  | 1,766,597.093800 |
| 401 - 402 | 60°12'32"NE | 22.50              | 402          | 642,271.957500  | 1,766,608.273400 |
| 402 - 403 | 61°30'49"NE | 20.54              | 403          | 642,290.008800  | 1,766,618.068900 |
| 403 - 404 | 58°59'32"NE | 13.69              | 404          | 642,301.744600  | 1,766,625.122600 |
| 404 - 405 | 49°41'27"NE | 14.20              | 405          | 642,312.575800  | 1,766,634.311100 |
| 405 - 406 | 67°16'42"NE | 22.88              | 406          | 642,333.675900  | 1,766,643.146800 |
| 406 - 407 | 64°25'30"NE | 22.35              | 407          | 642,353.834300  | 1,766,652.794200 |
| 407 - 408 | 65°52'46"NE | 25.56              | 408          | 642,377.165400  | 1,766,663.240700 |
| 408 - 409 | 59°44'42"NE | 19.56              | 409          | 642,394.060500  | 1,766,673.095500 |
| 409 - 410 | 66°46'19"NE | 32.84              | 410          | 642,424.236900  | 1,766,686.046600 |
| 410 - 411 | 75°56'59"NE | 1.59               | 411          | 642,425.784100  | 1,766,686.433800 |
| 411 - 412 | 85°41'58"SE | 1.59               | 412          | 642,427.374600  | 1,766,686.314200 |
| 412 - 413 | 76°31'06"SE | 11.40              | 413          | 642,438.458800  | 1,766,683.656900 |
| 413 - 414 | 70°20'01"NE | 6.72               | 414          | 642,444.788600  | 1,766,685.919100 |
| 414 - 415 | 66°54'33"NE | 30.16              | 415          | 642,472.532900  | 1,766,697.747800 |
| 415 - 416 | 68°52'05"NE | 23.03              | 416          | 642,494.011500  | 1,766,706.049400 |
| 416 - 417 | 67°34'12"NE | 22.19              | 417          | 642,514.523500  | 1,766,714.516300 |
| 417 - 418 | 69°17'59"NE | 47.01              | 418          | 642,558.502800  | 1,766,731.134800 |
| 418 - 419 | 73°33'22"NE | 25.13              | 419          | 642,582.608700  | 1,766,738.249500 |
| 419 - 420 | 74°48'01"NE | 19.35              | 420          | 642,601.281800  | 1,766,743.322700 |
| 420 - 421 | 66°17'08"NE | 23.48              | 421          | 642,622.777800  | 1,766,752.765200 |
| 421 - 422 | 65°15'08"NE | 26.88              | 422          | 642,647.185100  | 1,766,764.015900 |
| 422 - 423 | 72°48'43"NE | 62.26              | 423          | 642,706.666600  | 1,766,782.414700 |
| 423 - 424 | 69°44'27"NE | 25.63              | 424          | 642,730.712700  | 1,766,791.290100 |
| 424 - 425 | 71°42'01"NE | 26.94              | 425          | 642,756.293200  | 1,766,799.749800 |
| 425 - 426 | 67°25'11"NE | 18.53              | 426          | 642,773.401000  | 1,766,806.864100 |
| 426 - 427 | 72°28'22"NE | 29.62              | 427          | 642,801.644000  | 1,766,815.783800 |
| 427 - 428 | 73°21'25"NE | 24.40              | 428          | 642,825.026100  | 1,766,822.773400 |
| 428 - 429 | 68°14'20"NE | 21.93              | 429          | 642,845.390100  | 1,766,830.902300 |
| 429 - 430 | 72°54'29"NE | 22.93              | 430          | 642,867.308200  | 1,766,837.641700 |
| 430 - 431 | 70°54'20"NE | 27.77              | 431          | 642,893.552700  | 1,766,846.726800 |
| 431 - 432 | 68°21'34"NE | 28.33              | 432          | 642,919.886000  | 1,766,857.174400 |
| 432 - 433 | 69°35'22"NE | 25.18              | 433          | 642,943.481300  | 1,766,865.954300 |
| 433 - 434 | 70°38'39"NE | 29.98              | 434          | 642,971.768400  | 1,766,875.891200 |
| 434 - 435 | 72°01'34"NE | 26.12              | 435          | 642,996.615600  | 1,766,883.951900 |
| 435 - 436 | 72°49'40"NE | 26.96              | 436          | 643,022.376400  | 1,766,891.912500 |
| 436 - 437 | 76°00'44"NE | 33.77              | 437          | 643,055.140600  | 1,766,900.074000 |
| 437 - 438 | 74°41'38"NE | 18.82              | 438          | 643,073.297700  | 1,766,905.043300 |
| 438 - 439 | 75°36'08"NE | 26.51              | 439          | 643,098.971100  | 1,766,911.634000 |
| 439 - 440 | 74°13'25"NE | 27.46              | 440          | 643,125.400500  | 1,766,919.101000 |
| 440 - 441 | 77°49'59"NE | 21.02              | 441          | 643,145.947000  | 1,766,923.530800 |
| 441 - 442 | 75°45'23"NE | 25.53              | 442          | 643,170.693700  | 1,766,929.812600 |
| 442 - 443 | 77°34'02"NE | 41.24              | 443          | 643,210.969500  | 1,766,938.691900 |
| 443 - 444 | 82°26'54"NE | 82.41              | 444          | 643,292.666600  | 1,766,949.522300 |



| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 444 - 445 | 82°55'38"NE | 27.51              | 445          | 643,319.970600  | 1,766,952.909900 |
| 445 - 446 | 80°25'53"NE | 54.09              | 446          | 643,373.308400  | 1,766,961.901100 |
| 446 - 447 | 83°25'53"NE | 91.07              | 447          | 643,463.781500  | 1,766,972.318900 |
| 447 - 448 | 81°18'30"NE | 25.89              | 448          | 643,489.377900  | 1,766,976.231800 |
| 448 - 449 | 83°16'37"NE | 25.35              | 449          | 643,514.551500  | 1,766,979.199200 |
| 449 - 450 | 82°38'10"NE | 54.74              | 450          | 643,568.842300  | 1,766,986.215300 |
| 450 - 451 | 84°29'50"NE | 32.60              | 451          | 643,601.293600  | 1,766,989.341500 |
| 451 - 452 | 85°32'47"NE | 29.31              | 452          | 643,630.518100  | 1,766,991.617600 |
| 452 - 453 | 83°07'33"NE | 27.14              | 453          | 643,657.462800  | 1,766,994.865900 |
| 453 - 454 | 84°14'17"NE | 28.88              | 454          | 643,686.198500  | 1,766,997.765400 |
| 454 - 455 | 89°21'20"SE | 25.42              | 455          | 643,711.613500  | 1,766,997.479600 |
| 455 - 456 | 81°20'39"NE | 25.78              | 456          | 643,737.104600  | 1,767,001.360100 |
| 456 - 457 | 84°01'32"NE | 25.07              | 457          | 643,762.037300  | 1,767,003.969300 |
| 457 - 458 | 79°11'38"NE | 21.88              | 458          | 643,783.527100  | 1,767,008.071000 |
| 458 - 459 | 86°53'09"NE | 23.86              | 459          | 643,807.353600  | 1,767,009.367200 |
| 459 - 460 | 85°31'11"NE | 42.00              | 460          | 643,849.229200  | 1,767,012.648200 |
| 460 - 461 | 89°09'40"NE | 25.00              | 461          | 643,874.224600  | 1,767,013.014100 |
| 461 - 462 | 86°08'38"NE | 25.08              | 462          | 643,899.245200  | 1,767,014.700500 |
| 462 - 463 | 89°23'19"NE | 55.98              | 463          | 643,955.226100  | 1,767,015.297700 |
| 463 - 464 | 84°44'17"SE | 23.81              | 464          | 643,978.935800  | 1,767,013.114200 |
| 464 - 465 | 89°36'25"NE | 21.62              | 465          | 644,000.552500  | 1,767,013.262400 |
| 465 - 466 | 88°50'58"SE | 29.79              | 466          | 644,030.332300  | 1,767,012.664400 |
| 466 - 467 | 88°06'01"SE | 29.39              | 467          | 644,059.709700  | 1,767,011.690100 |
| 467 - 468 | 88°52'24"NE | 27.28              | 468          | 644,086.988000  | 1,767,012.226500 |
| 468 - 469 | 87°25'59"SE | 27.87              | 469          | 644,114.827500  | 1,767,010.978500 |
| 469 - 470 | 88°08'14"NE | 29.66              | 470          | 644,144.469400  | 1,767,011.942500 |
| 470 - 471 | 89°34'27"NE | 58.44              | 471          | 644,202.911400  | 1,767,012.376600 |
| 471 - 472 | 88°45'18"SE | 27.43              | 472          | 644,230.330200  | 1,767,011.780800 |
| 472 - 473 | 88°22'05"NE | 21.56              | 473          | 644,251.883800  | 1,767,012.394800 |
| 473 - 474 | 89°33'39"NE | 58.28              | 474          | 644,310.162700  | 1,767,012.841500 |
| 474 - 475 | 89°21'36"SE | 24.57              | 475          | 644,334.729900  | 1,767,012.567100 |
| 475 - 476 | 89°52'40"NE | 50.28              | 476          | 644,385.013300  | 1,767,012.674300 |
| 476 - 477 | 89°34'09"SE | 31.02              | 477          | 644,416.033500  | 1,767,012.441100 |
| 477 - 478 | 88°55'48"SE | 27.37              | 478          | 644,443.394900  | 1,767,011.930100 |
| 478 - 479 | 89°59'34"NE | 31.09              | 479          | 644,474.486800  | 1,767,011.934000 |
| 479 - 480 | 88°37'55"SE | 22.68              | 480          | 644,497.162600  | 1,767,011.392500 |
| 480 - 481 | 89°35'50"SE | 111.42             | 481          | 644,608.575500  | 1,767,010.609400 |
| 481 - 482 | 88°16'01"SE | 26.77              | 482          | 644,635.334200  | 1,767,009.799800 |
| 482 - 483 | 89°26'30"NE | 25.81              | 483          | 644,661.141500  | 1,767,010.051200 |
| 483 - 484 | 89°19'25"SE | 28.86              | 484          | 644,689.997900  | 1,767,009.710600 |
| 484 - 485 | 88°59'49"NE | 30.81              | 485          | 644,720.800900  | 1,767,010.249800 |
| 485 - 486 | 88°39'19"SE | 26.51              | 486          | 644,747.308100  | 1,767,009.627600 |
| 486 - 487 | 88°09'52"NE | 33.43              | 487          | 644,780.720700  | 1,767,010.698300 |
| 487 - 488 | 88°55'27"NE | 34.56              | 488          | 644,815.276600  | 1,767,011.347200 |
| 488 - 489 | 88°54'49"SE | 26.86              | 489          | 644,842.134700  | 1,767,010.838000 |
| 489 - 490 | 89°32'24"NE | 59.94              | 490          | 644,902.071700  | 1,767,011.319100 |
| 490 - 491 | 88°10'33"NE | 21.78              | 491          | 644,923.841900  | 1,767,012.012400 |
| 491 - 492 | 83°00'00"NE | 20.56              | 492          | 644,944.249400  | 1,767,014.518100 |
| 492 - 493 | 84°30'40"NE | 19.54              | 493          | 644,963.702500  | 1,767,016.387400 |
| 493 - 494 | 88°23'20"SE | 33.26              | 494          | 644,996.949400  | 1,767,015.452300 |
| 494 - 495 | 88°20'11"NE | 29.93              | 495          | 645,026.869800  | 1,767,016.321200 |
| 495 - 496 | 86°06'50"NE | 19.26              | 496          | 645,046.080900  | 1,767,017.626200 |
| 496 - 497 | 87°39'00"SE | 28.10              | 497          | 645,074.160200  | 1,767,016.473900 |
| 497 - 498 | 87°15'07"NE | 25.72              | 498          | 645,099.852900  | 1,767,017.707100 |
| 498 - 499 | 84°49'24"SE | 24.88              | 499          | 645,124.634400  | 1,767,015.462100 |
| 499 - 500 | 87°21'14"NE | 52.59              | 500          | 645,177.166400  | 1,767,017.889900 |
| 500 - 501 | 82°28'12"SE | 18.82              | 501          | 645,195.820700  | 1,767,015.424100 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 501 - 502 | 83°49'40"NE | 18.08              | 502          | 645,213.794700  | 1,767,017.367800 |
| 502 - 503 | 87°27'47"SE | 33.75              | 503          | 645,247.510100  | 1,767,015.874100 |
| 503 - 504 | 89°47'33"NE | 29.16              | 504          | 645,276.666200  | 1,767,015.979600 |
| 504 - 505 | 82°47'07"SE | 25.41              | 505          | 645,301.872800  | 1,767,012.788700 |
| 505 - 506 | 79°47'01"NE | 18.07              | 506          | 645,319.652700  | 1,767,015.993000 |
| 506 - 507 | 87°25'30"SE | 25.54              | 507          | 645,345.167200  | 1,767,014.845600 |
| 507 - 508 | 86°05'16"SE | 36.63              | 508          | 645,381.709600  | 1,767,012.346700 |
| 508 - 509 | 84°32'13"SE | 34.42              | 509          | 645,415.970400  | 1,767,009.070200 |
| 509 - 510 | 85°55'00"SE | 34.81              | 510          | 645,450.692000  | 1,767,006.591500 |
| 510 - 511 | 88°35'06"SE | 23.75              | 511          | 645,474.433200  | 1,767,006.005100 |
| 511 - 512 | 84°36'07"SE | 29.24              | 512          | 645,503.543000  | 1,767,003.254500 |
| 512 - 513 | 85°55'53"SE | 31.82              | 513          | 645,535.283800  | 1,767,000.996800 |
| 513 - 514 | 82°27'52"SE | 27.88              | 514          | 645,562.919100  | 1,766,997.341200 |
| 514 - 515 | 86°35'55"SE | 26.27              | 515          | 645,589.140200  | 1,766,995.782800 |
| 515 - 516 | 87°53'52"SE | 26.57              | 516          | 645,615.694800  | 1,766,994.808100 |
| 516 - 517 | 84°09'25"SE | 26.40              | 517          | 645,641.954900  | 1,766,992.120800 |
| 517 - 518 | 88°54'54"SE | 26.59              | 518          | 645,668.535700  | 1,766,991.617500 |
| 518 - 519 | 88°12'36"SE | 24.19              | 519          | 645,692.712500  | 1,766,990.862000 |
| 519 - 520 | 86°20'31"SE | 27.07              | 520          | 645,719.729000  | 1,766,989.134900 |
| 520 - 521 | 84°10'24"SE | 29.29              | 521          | 645,748.871000  | 1,766,986.161100 |
| 521 - 522 | 85°43'08"SE | 29.49              | 522          | 645,778.279200  | 1,766,983.959700 |
| 522 - 523 | 87°01'18"SE | 59.09              | 523          | 645,837.284800  | 1,766,980.889800 |
| 523 - 524 | 84°15'25"SE | 57.86              | 524          | 645,894.855500  | 1,766,975.100000 |
| 524 - 525 | 83°35'18"SE | 25.26              | 525          | 645,919.961300  | 1,766,972.278800 |
| 525 - 526 | 86°20'40"SE | 24.92              | 526          | 645,944.830700  | 1,766,970.690000 |
| 526 - 527 | 81°10'05"SE | 24.18              | 527          | 645,968.727100  | 1,766,966.977000 |
| 527 - 528 | 83°43'24"SE | 24.52              | 528          | 645,993.101300  | 1,766,964.296200 |
| 528 - 529 | 88°53'27"SE | 25.32              | 529          | 646,018.420700  | 1,766,963.806100 |
| 529 - 530 | 84°46'59"SE | 26.38              | 530          | 646,044.692900  | 1,766,961.407400 |
| 530 - 531 | 80°43'06"SE | 21.29              | 531          | 646,065.702800  | 1,766,957.973900 |
| 531 - 532 | 84°22'49"SE | 25.09              | 532          | 646,090.668200  | 1,766,955.517400 |
| 532 - 533 | 85°45'42"SE | 22.93              | 533          | 646,113.537500  | 1,766,953.822600 |
| 533 - 534 | 75°18'11"NE | 22.79              | 534          | 646,135.580300  | 1,766,959.604100 |
| 534 - 535 | 81°46'35"NE | 26.68              | 535          | 646,161.985000  | 1,766,963.420100 |
| 535 - 536 | 85°46'11"SE | 24.36              | 536          | 646,186.279800  | 1,766,961.623100 |
| 536 - 537 | 83°37'24"SE | 26.67              | 537          | 646,212.781800  | 1,766,958.661400 |
| 537 - 538 | 85°01'43"SE | 31.27              | 538          | 646,243.936900  | 1,766,955.951400 |
| 538 - 539 | 84°10'06"SE | 59.14              | 539          | 646,302.772500  | 1,766,949.942400 |
| 539 - 540 | 87°06'15"SE | 20.55              | 540          | 646,323.297500  | 1,766,948.904200 |
| 540 - 541 | 88°28'12"SE | 36.39              | 541          | 646,359.678400  | 1,766,947.932500 |
| 541 - 542 | 86°36'08"SE | 38.13              | 542          | 646,397.743900  | 1,766,945.672500 |
| 542 - 543 | 85°43'43"SE | 31.96              | 543          | 646,429.616600  | 1,766,943.292100 |
| 543 - 544 | 87°25'02"SE | 23.80              | 544          | 646,453.394400  | 1,766,942.219600 |
| 544 - 545 | 83°44'35"SE | 33.43              | 545          | 646,486.628700  | 1,766,938.575900 |
| 545 - 546 | 85°28'17"SE | 32.97              | 546          | 646,519.492600  | 1,766,935.973000 |
| 546 - 547 | 86°24'05"SE | 33.53              | 547          | 646,552.951800  | 1,766,933.868800 |
| 547 - 548 | 84°29'48"SE | 33.28              | 548          | 646,586.079100  | 1,766,930.677200 |
| 548 - 549 | 85°02'14"SE | 30.55              | 549          | 646,616.513200  | 1,766,928.034500 |
| 549 - 550 | 83°11'55"SE | 34.22              | 550          | 646,650.489200  | 1,766,923.982300 |
| 550 - 551 | 84°11'33"SE | 56.33              | 551          | 646,706.533100  | 1,766,918.282400 |
| 551 - 552 | 89°08'54"NE | 25.73              | 552          | 646,732.259800  | 1,766,918.664800 |
| 552 - 553 | 85°27'09"SE | 72.77              | 553          | 646,804.796800  | 1,766,912.895700 |
| 553 - 554 | 80°30'31"SE | 60.75              | 554          | 646,864.712900  | 1,766,902.878700 |
| 554 - 555 | 88°32'35"SE | 26.07              | 555          | 646,890.773400  | 1,766,902.216000 |
| 555 - 556 | 85°51'57"SE | 28.80              | 556          | 646,919.498900  | 1,766,900.139800 |
| 556 - 557 | 82°54'23"SE | 26.82              | 557          | 646,946.111900  | 1,766,896.828100 |
| 557 - 558 | 81°40'44"SE | 25.23              | 558          | 646,971.080400  | 1,766,893.176300 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 558 - 559 | 85°50'24"SE | 24.96              | 559          | 646,995.974600  | 1,766,891.365700 |
| 559 - 560 | 85°04'02"SE | 31.23              | 560          | 647,027.088200  | 1,766,888.680400 |
| 560 - 561 | 82°09'04"SE | 19.48              | 561          | 647,046.386600  | 1,766,886.020100 |
| 561 - 562 | 85°17'42"SE | 29.37              | 562          | 647,075.659200  | 1,766,883.610900 |
| 562 - 563 | 80°43'17"SE | 29.36              | 563          | 647,104.637000  | 1,766,878.876800 |
| 563 - 564 | 84°54'41"SE | 24.67              | 564          | 647,129.205600  | 1,766,876.689100 |
| 564 - 565 | 84°05'12"SE | 51.81              | 565          | 647,180.735900  | 1,766,871.352000 |
| 565 - 566 | 81°59'28"SE | 34.57              | 566          | 647,214.970400  | 1,766,866.535300 |
| 566 - 567 | 83°28'35"SE | 26.13              | 567          | 647,240.929600  | 1,766,863.566900 |
| 567 - 568 | 85°19'11"SE | 31.54              | 568          | 647,272.363500  | 1,766,860.993600 |
| 568 - 569 | 82°14'35"SE | 20.91              | 569          | 647,293.079100  | 1,766,858.171800 |
| 569 - 570 | 85°51'30"SE | 32.14              | 570          | 647,325.139000  | 1,766,855.850300 |
| 570 - 571 | 82°50'51"SE | 28.28              | 571          | 647,353.198500  | 1,766,852.329300 |
| 571 - 572 | 84°01'42"SE | 27.37              | 572          | 647,380.416100  | 1,766,849.482300 |
| 572 - 573 | 79°46'15"SE | 42.34              | 573          | 647,422.081500  | 1,766,841.963700 |
| 573 - 574 | 82°16'32"SE | 25.66              | 574          | 647,447.509100  | 1,766,838.514800 |
| 574 - 575 | 81°34'20"SE | 100.84             | 575          | 647,547.256600  | 1,766,823.736000 |
| 575 - 576 | 84°18'24"SE | 53.00              | 576          | 647,599.999600  | 1,766,818.477800 |
| 576 - 577 | 80°27'12"SE | 28.38              | 577          | 647,627.982800  | 1,766,813.771700 |
| 577 - 578 | 79°46'40"SE | 26.95              | 578          | 647,654.505500  | 1,766,808.988900 |
| 578 - 579 | 82°53'11"SE | 26.82              | 579          | 647,681.117900  | 1,766,805.667800 |
| 579 - 580 | 80°47'50"SE | 27.50              | 580          | 647,708.263300  | 1,766,801.269900 |
| 580 - 581 | 81°16'29"SE | 70.05              | 581          | 647,777.503000  | 1,766,790.643700 |
| 581 - 582 | 79°49'10"SE | 24.53              | 582          | 647,801.647700  | 1,766,786.307900 |
| 582 - 583 | 80°27'25"SE | 86.19              | 583          | 647,886.640400  | 1,766,772.019500 |
| 583 - 584 | 84°27'46"SE | 27.33              | 584          | 647,913.845400  | 1,766,769.382200 |
| 584 - 585 | 79°44'05"SE | 26.72              | 585          | 647,940.135700  | 1,766,764.621000 |
| 585 - 586 | 83°02'57"SE | 24.36              | 586          | 647,964.315800  | 1,766,761.673200 |
| 586 - 587 | 80°59'35"SE | 25.85              | 587          | 647,989.845100  | 1,766,757.626700 |
| 587 - 588 | 77°45'08"SE | 19.84              | 588          | 648,009.231800  | 1,766,753.418300 |
| 588 - 589 | 81°08'22"SE | 24.32              | 589          | 648,033.258300  | 1,766,749.672900 |
| 589 - 590 | 83°35'41"SE | 30.88              | 590          | 648,063.949800  | 1,766,746.227500 |
| 590 - 591 | 75°59'55"SE | 29.95              | 591          | 648,093.006500  | 1,766,738.982200 |
| 591 - 592 | 79°41'50"SE | 22.60              | 592          | 648,115.237800  | 1,766,734.941000 |
| 592 - 593 | 77°32'36"SE | 28.40              | 593          | 648,142.974100  | 1,766,728.814100 |
| 593 - 594 | 80°44'09"SE | 24.79              | 594          | 648,167.438900  | 1,766,724.823600 |
| 594 - 595 | 79°09'14"SE | 52.30              | 595          | 648,218.800100  | 1,766,714.983100 |
| 595 - 596 | 78°31'13"SE | 31.05              | 596          | 648,249.226500  | 1,766,708.804000 |
| 596 - 597 | 79°51'29"SE | 31.44              | 597          | 648,280.176000  | 1,766,703.267800 |
| 597 - 598 | 79°10'10"SE | 23.97              | 598          | 648,303.715600  | 1,766,698.764400 |
| 598 - 599 | 82°19'30"SE | 31.43              | 599          | 648,334.866300  | 1,766,694.566600 |
| 599 - 600 | 78°36'55"SE | 30.09              | 600          | 648,364.368700  | 1,766,688.626200 |
| 600 - 601 | 82°16'20"SE | 57.70              | 601          | 648,421.540000  | 1,766,680.868300 |
| 601 - 602 | 79°38'56"SE | 48.46              | 602          | 648,469.212700  | 1,766,672.161000 |
| 602 - 603 | 82°22'22"SE | 54.76              | 603          | 648,523.493000  | 1,766,664.892300 |
| 603 - 604 | 74°10'24"SE | 28.20              | 604          | 648,550.627200  | 1,766,657.200500 |
| 604 - 605 | 75°19'16"SE | 58.21              | 605          | 648,606.939500  | 1,766,642.449700 |
| 605 - 606 | 75°49'54"SE | 27.40              | 606          | 648,633.506900  | 1,766,635.742800 |
| 606 - 607 | 77°04'19"SE | 29.51              | 607          | 648,662.268600  | 1,766,629.140700 |
| 607 - 608 | 81°48'03"SE | 25.30              | 608          | 648,687.309300  | 1,766,625.532700 |
| 608 - 609 | 79°40'52"SE | 21.03              | 609          | 648,707.996600  | 1,766,621.766200 |
| 609 - 610 | 80°27'41"SE | 24.18              | 610          | 648,731.839000  | 1,766,617.759900 |
| 610 - 611 | 82°12'30"SE | 25.31              | 611          | 648,756.917000  | 1,766,614.328400 |
| 611 - 612 | 76°43'20"SE | 24.26              | 612          | 648,780.529200  | 1,766,608.756400 |
| 612 - 613 | 78°21'00"SE | 33.67              | 613          | 648,813.506500  | 1,766,601.957200 |
| 613 - 614 | 79°07'34"SE | 31.74              | 614          | 648,844.674600  | 1,766,595.969900 |
| 614 - 615 | 76°03'42"SE | 35.60              | 615          | 648,879.228600  | 1,766,587.394200 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 615 - 616 | 78°37'28"SE | 33.78              | 616          | 648,912.348100  | 1,766,580.730900 |
| 616 - 617 | 79°19'12"SE | 34.99              | 617          | 648,946.730700  | 1,766,574.246800 |
| 617 - 618 | 79°54'17"SE | 36.13              | 618          | 648,982.297000  | 1,766,567.914600 |
| 618 - 619 | 78°01'49"SE | 48.10              | 619          | 649,029.346900  | 1,766,557.940000 |
| 619 - 620 | 76°10'12"SE | 55.33              | 620          | 649,083.070200  | 1,766,544.714600 |
| 620 - 621 | 80°31'37"SE | 45.22              | 621          | 649,127.673500  | 1,766,537.272300 |
| 621 - 622 | 81°05'14"SE | 62.94              | 622          | 649,189.858000  | 1,766,527.520500 |
| 622 - 623 | 79°10'42"SE | 59.69              | 623          | 649,248.481700  | 1,766,516.314700 |
| 623 - 624 | 75°53'54"SE | 55.94              | 624          | 649,302.732000  | 1,766,502.686500 |
| 624 - 625 | 76°50'34"SE | 48.07              | 625          | 649,349.542000  | 1,766,491.744200 |
| 625 - 626 | 79°48'35"SE | 58.10              | 626          | 649,406.730200  | 1,766,481.464700 |
| 626 - 627 | 79°02'20"SE | 63.27              | 627          | 649,468.848200  | 1,766,469.434200 |
| 627 - 628 | 77°49'51"SE | 57.28              | 628          | 649,524.839700  | 1,766,457.360100 |
| 628 - 629 | 77°26'19"SE | 55.28              | 629          | 649,578.792200  | 1,766,445.338600 |
| 629 - 630 | 78°11'39"SE | 59.05              | 630          | 649,636.596600  | 1,766,433.256600 |
| 630 - 631 | 67°36'50"SE | 47.51              | 631          | 649,680.525200  | 1,766,415.163000 |
| 631 - 632 | 75°02'18"SE | 45.54              | 632          | 649,724.520800  | 1,766,403.406000 |
| 632 - 633 | 73°38'44"SE | 49.98              | 633          | 649,772.480800  | 1,766,389.332100 |
| 633 - 634 | 73°16'52"SE | 50.27              | 634          | 649,820.626100  | 1,766,374.870600 |
| 634 - 635 | 78°20'54"SE | 65.61              | 635          | 649,884.879900  | 1,766,361.620900 |
| 635 - 636 | 77°09'41"SE | 126.63             | 636          | 650,008.345300  | 1,766,333.483000 |
| 636 - 637 | 76°25'07"SE | 62.74              | 637          | 650,069.332900  | 1,766,318.749700 |
| 637 - 638 | 74°39'26"SE | 60.98              | 638          | 650,128.140400  | 1,766,302.614600 |
| 638 - 639 | 78°12'03"SE | 67.19              | 639          | 650,193.909500  | 1,766,288.875800 |
| 639 - 640 | 77°01'19"SE | 48.39              | 640          | 650,241.067600  | 1,766,278.007700 |
| 640 - 641 | 75°51'14"SE | 53.02              | 641          | 650,292.480800  | 1,766,265.049700 |
| 641 - 642 | 74°58'31"SE | 48.28              | 642          | 650,339.113700  | 1,766,252.533000 |
| 642 - 643 | 76°02'41"SE | 51.15              | 643          | 650,388.755600  | 1,766,240.197200 |
| 643 - 644 | 76°24'20"SE | 54.29              | 644          | 650,441.525000  | 1,766,227.436400 |
| 644 - 645 | 79°00'49"SE | 61.72              | 645          | 650,502.114500  | 1,766,215.674000 |
| 645 - 646 | 76°29'48"SE | 52.65              | 646          | 650,553.310000  | 1,766,203.380100 |
| 646 - 647 | 78°56'09"SE | 52.31              | 647          | 650,604.647800  | 1,766,193.341600 |
| 647 - 648 | 72°36'59"SE | 64.32              | 648          | 650,666.027200  | 1,766,174.125900 |
| 648 - 649 | 75°39'16"SE | 51.50              | 649          | 650,715.921900  | 1,766,161.365800 |
| 649 - 650 | 76°48'20"SE | 63.68              | 650          | 650,777.916700  | 1,766,146.831600 |
| 650 - 651 | 76°22'30"SE | 69.87              | 651          | 650,845.820900  | 1,766,130.372600 |
| 651 - 652 | 74°56'21"SE | 115.56             | 652          | 650,957.407400  | 1,766,100.346200 |
| 652 - 653 | 76°12'59"SE | 44.97              | 653          | 651,001.082600  | 1,766,089.632000 |
| 653 - 654 | 79°20'53"SE | 55.49              | 654          | 651,055.615600  | 1,766,079.375300 |
| 654 - 655 | 75°27'37"SE | 46.24              | 655          | 651,100.376100  | 1,766,067.766500 |
| 655 - 656 | 77°59'47"SE | 96.58              | 656          | 651,194.845600  | 1,766,047.680400 |
| 656 - 657 | 79°19'00"SE | 110.10             | 657          | 651,303.034200  | 1,766,027.270800 |
| 657 - 658 | 73°46'49"SE | 53.83              | 658          | 651,354.717000  | 1,766,012.236500 |
| 658 - 659 | 71°49'51"SE | 67.19              | 659          | 651,418.561700  | 1,765,991.283800 |
| 659 - 660 | 76°32'07"SE | 52.44              | 660          | 651,469.563500  | 1,765,979.072700 |
| 660 - 661 | 77°42'42"SE | 57.08              | 661          | 651,525.333900  | 1,765,966.924800 |
| 661 - 662 | 78°19'28"SE | 130.05             | 662          | 651,652.691600  | 1,765,940.607100 |
| 662 - 663 | 74°52'02"SE | 59.56              | 663          | 651,710.190700  | 1,765,925.057400 |
| 663 - 664 | 74°32'16"SE | 57.74              | 664          | 651,765.840700  | 1,765,909.663800 |
| 664 - 665 | 75°06'54"SE | 56.11              | 665          | 651,820.068900  | 1,765,895.250000 |
| 665 - 666 | 78°45'04"SE | 45.27              | 666          | 651,864.473800  | 1,765,886.418400 |
| 666 - 667 | 77°40'15"SE | 59.06              | 667          | 651,922.175900  | 1,765,873.806600 |
| 667 - 668 | 71°32'39"SE | 47.59              | 668          | 651,967.316800  | 1,765,858.741500 |
| 668 - 669 | 77°30'06"SE | 66.68              | 669          | 652,032.417700  | 1,765,844.311200 |
| 669 - 670 | 75°30'25"SE | 54.76              | 670          | 652,085.431000  | 1,765,830.608100 |
| 670 - 671 | 77°21'39"SE | 101.10             | 671          | 652,184.078000  | 1,765,808.487100 |
| 671 - 672 | 76°08'38"SE | 95.06              | 672          | 652,276.369600  | 1,765,785.722300 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 672 - 673 | 74°54'33"SE | 47.99              | 673          | 652,322.709200  | 1,765,773.227100 |
| 673 - 674 | 78°14'23"SE | 52.84              | 674          | 652,374.435800  | 1,765,762.458300 |
| 674 - 675 | 77°40'48"SE | 52.69              | 675          | 652,425.910400  | 1,765,751.216400 |
| 675 - 676 | 77°04'59"SE | 52.81              | 676          | 652,477.383900  | 1,765,739.411600 |
| 676 - 677 | 79°22'48"SE | 56.06              | 677          | 652,532.486800  | 1,765,729.079600 |
| 677 - 678 | 76°52'34"SE | 53.88              | 678          | 652,584.961200  | 1,765,716.845600 |
| 678 - 679 | 76°13'55"SE | 99.94              | 679          | 652,682.025500  | 1,765,693.061700 |
| 679 - 680 | 75°40'55"SE | 42.86              | 680          | 652,723.558800  | 1,765,682.461200 |
| 680 - 681 | 74°45'11"SE | 48.18              | 681          | 652,770.039500  | 1,765,669.791900 |
| 681 - 682 | 76°53'34"SE | 111.12             | 682          | 652,878.260900  | 1,765,644.594100 |
| 682 - 683 | 78°19'01"SE | 49.50              | 683          | 652,926.733300  | 1,765,634.571000 |
| 683 - 684 | 75°10'53"SE | 54.39              | 684          | 652,979.310100  | 1,765,620.661500 |
| 684 - 685 | 73°08'44"SE | 52.32              | 685          | 653,029.380500  | 1,765,605.492500 |
| 685 - 686 | 76°53'00"SE | 51.23              | 686          | 653,079.269200  | 1,765,593.867800 |
| 686 - 687 | 83°31'19"SE | 45.71              | 687          | 653,124.688100  | 1,765,588.710700 |
| 687 - 688 | 84°02'46"SE | 55.86              | 688          | 653,180.245900  | 1,765,582.916700 |
| 688 - 689 | 69°29'08"SE | 53.26              | 689          | 653,230.129300  | 1,765,564.252000 |
| 689 - 690 | 55°14'12"SE | 60.89              | 690          | 653,280.150700  | 1,765,529.533800 |
| 690 - 691 | 41°43'04"SE | 2.33               | 691          | 653,281.704100  | 1,765,527.791400 |
| 691 - 692 | 27°15'50"SE | 35.94              | 692          | 653,298.169900  | 1,765,495.840200 |
| 692 - 693 | 67°31'13"SE | 102.39             | 693          | 653,392.782000  | 1,765,456.690300 |
| 693 - 694 | 78°04'45"SE | 74.53              | 694          | 653,465.704500  | 1,765,441.295500 |
| 694 - 695 | 73°55'38"SE | 2.90               | 695          | 653,468.487400  | 1,765,440.493700 |
| 695 - 696 | 69°46'30"SE | 65.24              | 696          | 653,529.707200  | 1,765,417.939000 |
| 696 - 697 | 81°15'14"SE | 72.82              | 697          | 653,601.684200  | 1,765,406.865700 |
| 697 - 698 | 89°30'21"NE | 93.91              | 698          | 653,695.593400  | 1,765,407.675300 |
| 698 - 699 | 84°57'26"NE | 55.89              | 699          | 653,751.265500  | 1,765,412.587600 |
| 699 - 700 | 89°39'54"SE | 3.75               | 700          | 653,755.013400  | 1,765,412.565700 |
| 700 - 701 | 84°17'21"SE | 35.74              | 701          | 653,790.577400  | 1,765,409.009200 |
| 701 - 702 | 62°24'09"NE | 35.24              | 702          | 653,821.810400  | 1,765,425.335600 |
| 702 - 703 | 68°13'40"NE | 4.06               | 703          | 653,825.581000  | 1,765,426.841600 |
| 703 - 704 | 74°03'16"NE | 48.36              | 704          | 653,872.080200  | 1,765,440.127100 |
| 704 - 705 | 79°28'38"NE | 3.78               | 705          | 653,875.796000  | 1,765,440.817300 |
| 705 - 706 | 84°53'52"NE | 93.37              | 706          | 653,968.794300  | 1,765,449.120600 |
| 706 - 707 | 89°59'19"SE | 3.57               | 707          | 653,972.360600  | 1,765,449.119900 |
| 707 - 708 | 84°52'18"SE | 63.67              | 708          | 654,035.774400  | 1,765,443.428900 |
| 708 - 709 | 86°19'01"NE | 106.81             | 709          | 654,142.361900  | 1,765,450.289800 |
| 709 - 710 | 05°49'14"NW | 20.00              | 710          | 654,140.333600  | 1,765,470.186500 |
| 710 - 711 | 88°44'47"NE | 3.19               | 711          | 654,143.519400  | 1,765,470.256200 |
| 711 - 712 | 86°29'10"SE | 12.18              | 712          | 654,155.673300  | 1,765,469.509900 |
| 712 - 713 | 82°58'58"SE | 34.83              | 713          | 654,190.239200  | 1,765,465.255200 |
| 713 - 714 | 87°59'10"SE | 34.88              | 714          | 654,225.097800  | 1,765,464.029600 |
| 714 - 715 | 88°53'08"NE | 36.10              | 715          | 654,261.189600  | 1,765,464.731700 |
| 715 - 716 | 85°17'46"SE | 3.68               | 716          | 654,264.857600  | 1,765,464.429900 |
| 716 - 717 | 74°07'32"SE | 30.13              | 717          | 654,293.839300  | 1,765,456.188300 |
| 717 - 718 | 75°52'24"SE | 57.76              | 718          | 654,349.850700  | 1,765,442.091500 |
| 718 - 719 | 86°33'18"SE | 7.43               | 719          | 654,357.269500  | 1,765,441.644900 |
| 719 - 720 | 79°32'04"SE | 7.67               | 720          | 654,364.816200  | 1,765,440.250900 |
| 720 - 721 | 74°42'49"SE | 3.36               | 721          | 654,368.057200  | 1,765,439.365100 |
| 721 - 722 | 65°04'37"SE | 3.36               | 722          | 654,371.104100  | 1,765,437.949300 |
| 722 - 723 | 29°44'27"SW | 12.15              | 723          | 654,365.075200  | 1,765,427.397100 |
| 723 - 724 | 61°06'48"SE | 25.77              | 724          | 654,387.641000  | 1,765,414.947000 |
| 724 - 725 | 68°26'34"SE | 69.68              | 725          | 654,452.447500  | 1,765,389.344500 |
| 725 - 726 | 76°11'32"SE | 94.26              | 726          | 654,543.979000  | 1,765,366.849500 |
| 726 - 727 | 74°11'51"NE | 36.77              | 727          | 654,579.356400  | 1,765,376.861900 |
| 727 - 728 | 53°19'32"NE | 44.97              | 728          | 654,615.428000  | 1,765,403.723800 |
| 728 - 729 | 58°10'10"NE | 33.44              | 729          | 654,643.840400  | 1,765,421.361100 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 729 - 730 | 49°51'52"NE | 49.07              | 730          | 654,681.355000  | 1,765,452.990900 |
| 730 - 731 | 24°29'50"NE | 36.47              | 731          | 654,696.475900  | 1,765,486.174800 |
| 731 - 732 | 56°50'33"NW | 20.00              | 732          | 654,679.732400  | 1,765,497.113600 |
| 732 - 733 | 13°55'50"NW | 0.61               | 733          | 654,679.586700  | 1,765,497.701000 |
| 733 - 734 | 47°11'03"NE | 6.19               | 734          | 654,684.124200  | 1,765,501.905100 |
| 734 - 735 | 51°51'37"NE | 13.81              | 735          | 654,694.988800  | 1,765,510.436200 |
| 735 - 736 | 55°55'49"NE | 2.84               | 736          | 654,697.340500  | 1,765,512.026600 |
| 736 - 737 | 62°15'41"NE | 20.51              | 737          | 654,715.489400  | 1,765,521.570500 |
| 737 - 738 | 08°52'14"NE | 5.62               | 738          | 654,716.355900  | 1,765,527.122400 |
| 738 - 739 | 05°41'37"NE | 21.27              | 739          | 654,718.465700  | 1,765,548.283100 |
| 739 - 740 | 10°11'13"NE | 3.13               | 740          | 654,719.020100  | 1,765,551.368300 |
| 740 - 741 | 19°10'39"NE | 3.13               | 741          | 654,720.049800  | 1,765,554.328900 |
| 741 - 742 | 28°10'00"NE | 3.13               | 742          | 654,721.529400  | 1,765,557.092200 |
| 742 - 743 | 32°39'38"NE | 56.89              | 743          | 654,752.228500  | 1,765,604.983000 |
| 743 - 744 | 36°28'36"NE | 2.66               | 744          | 654,753.811200  | 1,765,607.123700 |
| 744 - 745 | 44°06'29"NE | 2.66               | 745          | 654,755.664200  | 1,765,609.035300 |
| 745 - 746 | 51°44'30"NE | 2.66               | 746          | 654,757.754700  | 1,765,610.683800 |
| 746 - 747 | 55°54'54"NE | 9.63               | 747          | 654,765.732900  | 1,765,616.082400 |
| 747 - 748 | 63°36'35"NE | 2.52               | 748          | 654,767.988300  | 1,765,617.201500 |
| 748 - 749 | 67°13'03"NE | 45.03              | 749          | 654,809.505400  | 1,765,634.638700 |
| 749 - 750 | 71°05'45"NE | 4.87               | 750          | 654,814.112100  | 1,765,636.216300 |
| 750 - 751 | 76°28'59"NE | 83.79              | 751          | 654,895.582200  | 1,765,655.800800 |
| 751 - 752 | 78°48'59"NE | 79.97              | 752          | 654,974.038200  | 1,765,671.311800 |
| 752 - 753 | 81°46'32"NE | 75.40              | 753          | 655,048.662900  | 1,765,682.097700 |
| 753 - 754 | 80°04'48"NE | 58.61              | 754          | 655,106.393400  | 1,765,692.194000 |
| 754 - 755 | 86°06'24"NE | 5.38               | 755          | 655,111.765600  | 1,765,692.559600 |
| 755 - 756 | 88°07'29"SE | 25.47              | 756          | 655,137.225400  | 1,765,691.726100 |
| 756 - 757 | 89°27'52"SE | 20.75              | 757          | 655,157.969700  | 1,765,691.532200 |
| 757 - 758 | 85°22'47"SE | 2.85               | 758          | 655,160.809700  | 1,765,691.302700 |
| 758 - 759 | 81°17'39"SE | 19.47              | 759          | 655,180.060000  | 1,765,688.355000 |
| 759 - 760 | 76°53'20"SE | 3.07               | 760          | 655,183.052600  | 1,765,687.658000 |
| 760 - 761 | 68°04'51"SE | 3.07               | 761          | 655,185.903100  | 1,765,686.511000 |
| 761 - 762 | 59°15'54"SE | 3.07               | 762          | 655,188.544300  | 1,765,684.940600 |
| 762 - 763 | 54°45'11"SE | 38.25              | 763          | 655,219.781000  | 1,765,662.867200 |
| 763 - 764 | 48°23'45"SE | 10.51              | 764          | 655,227.640600  | 1,765,655.888100 |
| 764 - 765 | 38°35'16"SE | 6.78               | 765          | 655,231.871800  | 1,765,650.585500 |
| 765 - 766 | 61°10'38"SW | 20.00              | 766          | 655,214.349400  | 1,765,640.943500 |
| 766 - 767 | 16°19'55"SE | 5.72               | 767          | 655,215.957400  | 1,765,635.456000 |
| 767 - 768 | 00°06'25"SW | 5.72               | 768          | 655,215.946700  | 1,765,629.737800 |
| 768 - 769 | 08°19'32"SW | 25.44              | 769          | 655,212.263500  | 1,765,604.569200 |
| 769 - 770 | 39°59'13"SE | 24.63              | 770          | 655,228.088200  | 1,765,585.701400 |
| 770 - 771 | 35°07'13"SE | 3.39               | 771          | 655,230.039900  | 1,765,582.926500 |
| 771 - 772 | 30°15'23"SE | 8.06               | 772          | 655,234.101100  | 1,765,575.964500 |
| 772 - 773 | 75°58'00"NE | 2.28               | 773          | 655,236.314000  | 1,765,576.517600 |
| 773 - 774 | 26°33'52"NW | 9.11               | 774          | 655,232.241200  | 1,765,584.663400 |
| 774 - 775 | 17°53'29"NW | 6.03               | 775          | 655,230.388000  | 1,765,590.403900 |
| 775 - 776 | 00°32'39"NW | 6.03               | 776          | 655,230.330700  | 1,765,596.436000 |
| 776 - 777 | 08°07'48"NE | 17.61              | 777          | 655,232.821700  | 1,765,613.873200 |
| 777 - 778 | 16°32'46"NE | 5.85               | 778          | 655,234.489000  | 1,765,619.485300 |
| 778 - 779 | 49°07'55"NE | 15.38              | 779          | 655,246.122600  | 1,765,629.551200 |
| 779 - 780 | 53°31'58"NE | 12.84              | 780          | 655,256.445400  | 1,765,637.180500 |
| 780 - 781 | 63°57'08"NE | 40.83              | 781          | 655,293.130100  | 1,765,655.110700 |
| 781 - 782 | 54°47'13"NE | 17.42              | 782          | 655,307.363400  | 1,765,665.156000 |
| 782 - 783 | 32°55'53"NW | 14.49              | 783          | 655,299.488800  | 1,765,677.313600 |
| 783 - 784 | 61°58'39"NE | 3.42               | 784          | 655,302.510900  | 1,765,678.922000 |
| 784 - 785 | 67°34'42"NE | 13.86              | 785          | 655,315.325700  | 1,765,684.209500 |
| 785 - 786 | 74°17'45"NE | 28.46              | 786          | 655,342.718900  | 1,765,691.911400 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 786 - 787 | 75°12'20"NE | 22.34              | 787          | 655,364.318400  | 1,765,697.615900 |
| 787 - 788 | 80°34'15"NE | 33.27              | 788          | 655,397.143000  | 1,765,703.067000 |
| 788 - 789 | 85°17'19"NE | 3.29               | 789          | 655,400.419200  | 1,765,703.337000 |
| 789 - 790 | 86°22'46"SE | 2.53               | 790          | 655,402.940100  | 1,765,703.177500 |
| 790 - 791 | 82°45'33"SE | 22.19              | 791          | 655,424.958000  | 1,765,700.380100 |
| 791 - 792 | 81°10'26"SE | 8.22               | 792          | 655,433.083000  | 1,765,699.118500 |
| 792 - 793 | 85°21'47"SE | 6.47               | 793          | 655,439.534000  | 1,765,698.595300 |
| 793 - 794 | 80°35'02"SE | 3.33               | 794          | 655,442.822800  | 1,765,698.049900 |
| 794 - 795 | 71°01'15"SE | 3.33               | 795          | 655,445.975300  | 1,765,696.965700 |
| 795 - 796 | 61°27'33"SE | 3.33               | 796          | 655,448.903900  | 1,765,695.372900 |
| 796 - 797 | 51°53'55"SE | 3.33               | 797          | 655,451.527300  | 1,765,693.315800 |
| 797 - 798 | 42°20'15"SE | 3.33               | 798          | 655,453.772500  | 1,765,690.851600 |
| 798 - 799 | 89°58'31"NE | 13.77              | 799          | 655,467.538500  | 1,765,690.857500 |
| 799 - 800 | 86°31'53"NE | 53.83              | 800          | 655,521.271900  | 1,765,694.114200 |
| 800 - 801 | 86°46'13"SE | 4.66               | 801          | 655,525.929400  | 1,765,693.851400 |
| 801 - 802 | 80°04'25"SE | 33.72              | 802          | 655,559.143100  | 1,765,688.039000 |
| 802 - 803 | 68°26'49"SE | 8.06               | 803          | 655,566.640500  | 1,765,685.077700 |
| 803 - 804 | 56°49'18"SE | 23.14              | 804          | 655,586.008100  | 1,765,672.414400 |
| 804 - 805 | 71°56'21"SE | 35.36              | 805          | 655,619.623300  | 1,765,661.452800 |
| 805 - 806 | 84°17'22"SE | 27.81              | 806          | 655,647.293300  | 1,765,658.685900 |
| 806 - 807 | 76°22'23"NE | 18.77              | 807          | 655,665.534300  | 1,765,663.107900 |
| 807 - 808 | 42°52'44"NE | 9.85               | 808          | 655,672.233700  | 1,765,670.322600 |
| 808 - 809 | 50°43'55"NE | 5.47               | 809          | 655,676.465100  | 1,765,673.782000 |
| 809 - 810 | 66°26'20"NE | 5.47               | 810          | 655,681.475200  | 1,765,675.966800 |
| 810 - 811 | 82°08'48"NE | 5.47               | 811          | 655,686.889500  | 1,765,676.713600 |
| 811 - 812 | 89°59'59"NE | 21.15              | 812          | 655,708.037300  | 1,765,676.713700 |
| 812 - 813 | 64°08'02"NE | 24.75              | 813          | 655,730.310900  | 1,765,687.512900 |
| 813 - 814 | 57°48'15"NE | 25.39              | 814          | 655,751.794400  | 1,765,701.039500 |
| 814 - 815 | 69°00'35"NE | 7.77               | 815          | 655,759.052500  | 1,765,703.824200 |
| 815 - 816 | 80°13'04"NE | 21.78              | 816          | 655,780.516200  | 1,765,707.524700 |
| 816 - 817 | 65°05'42"NE | 22.98              | 817          | 655,801.357900  | 1,765,717.201300 |
| 817 - 818 | 72°51'04"NE | 5.40               | 818          | 655,806.515500  | 1,765,718.792800 |
| 818 - 819 | 88°21'38"NE | 5.40               | 819          | 655,811.910800  | 1,765,718.947200 |
| 819 - 820 | 83°53'04"SE | 43.40              | 820          | 655,855.062500  | 1,765,714.323900 |
| 820 - 821 | 77°00'19"NE | 29.87              | 821          | 655,884.165400  | 1,765,721.040000 |
| 821 - 822 | 84°36'27"NE | 5.29               | 822          | 655,889.433800  | 1,765,721.537300 |
| 822 - 823 | 80°11'13"SE | 5.29               | 823          | 655,894.648300  | 1,765,720.635400 |
| 823 - 824 | 64°59'01"SE | 5.29               | 824          | 655,899.443700  | 1,765,718.397600 |
| 824 - 825 | 57°22'48"SE | 17.37              | 825          | 655,914.070100  | 1,765,709.036500 |
| 825 - 826 | 82°36'49"NE | 30.82              | 826          | 655,944.633300  | 1,765,712.998500 |
| 826 - 827 | 43°27'06"NE | 14.62              | 827          | 655,954.686700  | 1,765,723.610400 |
| 827 - 828 | 48°06'28"NE | 3.25               | 828          | 655,957.104100  | 1,765,725.778800 |
| 828 - 829 | 52°45'54"NE | 26.07              | 829          | 655,977.862600  | 1,765,741.555300 |
| 829 - 830 | 61°13'16"NE | 5.88               | 830          | 655,983.018000  | 1,765,744.387000 |
| 830 - 831 | 69°40'36"NE | 22.51              | 831          | 656,004.129500  | 1,765,752.206100 |
| 831 - 832 | 61°42'25"NE | 35.83              | 832          | 656,035.677500  | 1,765,769.187900 |
| 832 - 833 | 62°58'08"NE | 45.68              | 833          | 656,076.364200  | 1,765,789.946400 |
| 833 - 834 | 64°30'55"NE | 19.86              | 834          | 656,094.292100  | 1,765,798.491700 |
| 834 - 835 | 71°36'48"NE | 4.93               | 835          | 656,098.968500  | 1,765,800.046100 |
| 835 - 836 | 78°41'24"NE | 46.67              | 836          | 656,144.730300  | 1,765,809.198500 |
| 836 - 837 | 55°18'18"NE | 8.99               | 837          | 656,152.121600  | 1,765,814.315500 |
| 837 - 838 | 64°13'14"NE | 6.20               | 838          | 656,157.703900  | 1,765,817.011600 |
| 838 - 839 | 82°03'03"NE | 6.20               | 839          | 656,163.843600  | 1,765,817.868900 |
| 839 - 840 | 80°06'55"SE | 6.20               | 840          | 656,169.950900  | 1,765,816.804700 |
| 840 - 841 | 62°17'08"SE | 6.20               | 841          | 656,175.438900  | 1,765,813.921700 |
| 841 - 842 | 44°27'08"SE | 6.20               | 842          | 656,179.780400  | 1,765,809.496400 |
| 842 - 843 | 35°32'20"SE | 3.22               | 843          | 656,181.651200  | 1,765,806.877400 |

| Est-PV    | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|--------------------|--------------|-----------------|------------------|
|           |             |                    |              | X               | Y                |
| 843 - 844 | 59°49'35"NE | 18.45              | 844          | 656,197.599700  | 1,765,816.149800 |
| 844 - 845 | 33°41'23"NE | 10.33              | 845          | 656,203.328000  | 1,765,824.742300 |
| 845 - 846 | 44°20'57"NE | 7.40               | 846          | 656,208.499800  | 1,765,830.032900 |
| 846 - 847 | 55°00'30"NE | 10.14              | 847          | 656,216.803200  | 1,765,835.845200 |
| 847 - 848 | 63°12'44"NE | 5.71               | 848          | 656,221.899400  | 1,765,838.418100 |
| 848 - 849 | 79°37'23"NE | 5.71               | 849          | 656,227.514900  | 1,765,839.446400 |
| 849 - 850 | 83°57'50"SE | 5.71               | 850          | 656,233.192100  | 1,765,838.846100 |
| 850 - 851 | 67°33'18"SE | 5.71               | 851          | 656,238.468500  | 1,765,836.666500 |
| 851 - 852 | 59°20'56"SE | 16.25              | 852          | 656,252.450100  | 1,765,828.381000 |
| 852 - 853 | 68°24'16"NE | 30.64              | 853          | 656,280.936800  | 1,765,839.657100 |
| 853 - 854 | 54°36'18"NE | 36.29              | 854          | 656,310.516900  | 1,765,860.674500 |
| 854 - 855 | 59°43'50"NE | 3.57               | 855          | 656,313.602900  | 1,765,862.475600 |
| 855 - 856 | 64°51'18"NE | 42.61              | 856          | 656,352.177400  | 1,765,880.582000 |
| 856 - 857 | 51°32'45"NE | 7.64               | 857          | 656,358.164000  | 1,765,885.336100 |
| 857 - 858 | 53°28'25"NW | 1.83               | 858          | 656,356.695600  | 1,765,886.423700 |
| 858 - 859 | 44°44'55"NW | 6.07               | 859          | 656,352.425500  | 1,765,890.731400 |
| 859 - 860 | 36°01'39"NW | 22.59              | 860          | 656,339.140000  | 1,765,908.998800 |
| 860 - 861 | 26°16'32"NW | 6.77               | 861          | 656,336.140800  | 1,765,915.073700 |
| 861 - 862 | 75°03'41"SW | 20.00              | 862          | 656,316.816800  | 1,765,909.918100 |
| 862 - 863 | 09°59'37"NW | 3.45               | 863          | 656,316.218400  | 1,765,913.314000 |
| 863 - 864 | 00°06'10"NW | 3.45               | 864          | 656,316.212200  | 1,765,916.762100 |
| 864 - 865 | 04°50'34"NE | 12.13              | 865          | 656,317.236300  | 1,765,928.849300 |
| 865 - 866 | 12°37'57"NE | 5.42               | 866          | 656,318.421200  | 1,765,934.136100 |
| 866 - 867 | 20°49'19"NE | 27.24              | 867          | 656,328.105000  | 1,765,959.599300 |
| 867 - 868 | 26°57'21"NE | 4.27               | 868          | 656,330.042000  | 1,765,963.408100 |
| 868 - 869 | 33°56'27"NE | 9.77               | 869          | 656,335.498100  | 1,765,971.515100 |
| 869 - 870 | 43°33'32"NE | 17.16              | 870          | 656,347.322900  | 1,765,983.950200 |
| 870 - 871 | 52°19'21"NE | 103.71             | 871          | 656,429.407600  | 1,766,047.340500 |
| 871 - 872 | 75°23'03"NE | 156.88             | 872          | 656,581.207900  | 1,766,086.926100 |
| 872 - 873 | 68°55'48"NE | 62.29              | 873          | 656,639.334200  | 1,766,109.319900 |
| 873 - 874 | 14°47'47"NE | 29.01              | 874          | 656,646.742500  | 1,766,137.365800 |
| 874 - 875 | 81°49'14"NE | 174.82             | 875          | 656,819.780400  | 1,766,162.236800 |
| 875 - 876 | 84°40'05"NE | 232.83             | 876          | 657,051.600200  | 1,766,183.872000 |
| 876 - 877 | 87°08'15"SE | 143.05             | 877          | 657,194.475500  | 1,766,176.728200 |
| 877 - 878 | 83°01'31"SE | 355.07             | 878          | 657,546.914900  | 1,766,133.613600 |
| 878 - 879 | 80°06'30"SE | 305.43             | 879          | 657,847.805900  | 1,766,081.145000 |
| 879 - 880 | 75°49'18"SE | 104.92             | 880          | 657,949.530600  | 1,766,055.446100 |
| 880 - 881 | 80°10'50"SE | 169.53             | 881          | 658,116.573300  | 1,766,026.534800 |
| 881 - 882 | 77°10'43"SE | 159.23             | 882          | 658,271.837300  | 1,765,991.199000 |
| 882 - 883 | 72°27'34"SE | 412.14             | 883          | 658,664.816000  | 1,765,866.987700 |
| 883 - 884 | 71°29'10"SE | 492.34             | 884          | 659,131.678800  | 1,765,710.652900 |
| 884 - 885 | 70°05'00"SE | 785.84             | 885          | 659,870.521500  | 1,765,442.956300 |
| 885 - 886 | 73°16'19"SE | 204.61             | 886          | 660,066.475500  | 1,765,384.063000 |
| 886 - 887 | 68°27'32"SE | 174.98             | 887          | 660,229.235000  | 1,765,319.815900 |
| 887 - 888 | 71°03'12"SE | 292.32             | 888          | 660,505.716700  | 1,765,224.904500 |
| 888 - 889 | 71°59'45"SE | 33.38              | 889          | 660,537.466700  | 1,765,214.585800 |
| 889 - 890 | 74°10'03"SE | 27.64              | 890          | 660,564.057400  | 1,765,207.045200 |
| 890 - 891 | 75°57'49"SE | 19.64              | 891          | 660,583.107500  | 1,765,202.282700 |
| 891 - 892 | 61°08'38"SE | 22.20              | 892          | 660,602.554400  | 1,765,191.566900 |
| 892 - 893 | 59°44'37"SE | 22.05              | 893          | 660,621.604400  | 1,765,180.454500 |
| 893 - 894 | 67°05'39"SE | 30.59              | 894          | 660,649.782600  | 1,765,168.548200 |
| 894 - 895 | 71°33'54"SE | 23.85              | 895          | 660,672.404500  | 1,765,161.007600 |
| 895 - 896 | 69°50'53"SE | 23.04              | 896          | 660,694.034200  | 1,765,153.070100 |
| 896 - 897 | 79°22'49"SE | 19.38              | 897          | 660,713.084300  | 1,765,149.498200 |
| 897 - 898 | 63°26'05"SE | 19.52              | 898          | 660,730.546800  | 1,765,140.766900 |
| 898 - 899 | 68°44'56"SE | 7.67               | 899          | 660,737.690600  | 1,765,137.988700 |
| 899 - 900 | 80°32'14"SE | 14.48              | 900          | 660,751.978100  | 1,765,135.607400 |
| 900 - 901 | 76°45'34"SE | 6.93               | 901          | 660,758.725000  | 1,765,134.019900 |



| Est-PV                                                                                                                                                                     | Rumbo       | Distancia (metros) | Vértice No.- | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|--------------|-----------------|------------------|
|                                                                                                                                                                            |             |                    |              | X               | Y                |
| 901 - 902                                                                                                                                                                  | 84°17'22"SE | 11.97              | 902          | 660,770.631300  | 1,765,132.829300 |
| 902 - 903                                                                                                                                                                  | 70°20'47"SE | 11.80              | 903          | 660,781.743800  | 1,765,128.860600 |
| 903 - 904                                                                                                                                                                  | 62°26'47"SE | 10.30              | 904          | 660,790.871900  | 1,765,124.098000 |
| 904 - 905                                                                                                                                                                  | 65°33'22"SE | 19.18              | 905          | 660,808.334500  | 1,765,116.160500 |
| 905 - 906                                                                                                                                                                  | 62°01'13"SE | 14.38              | 906          | 660,821.034500  | 1,765,109.413600 |
| 906 - 907                                                                                                                                                                  | 75°10'25"SE | 13.96              | 907          | 660,834.528300  | 1,765,105.841800 |
| 907 - 908                                                                                                                                                                  | 76°16'39"SE | 35.13              | 908          | 660,868.659600  | 1,765,097.507400 |
| 908 - 909                                                                                                                                                                  | 74°24'25"SE | 35.44              | 909          | 660,902.790900  | 1,765,087.982400 |
| 909 - 910                                                                                                                                                                  | 61°18'49"SE | 23.98              | 910          | 660,923.825300  | 1,765,076.473000 |
| 910 - 911                                                                                                                                                                  | 73°48'38"SE | 12.81              | 911          | 660,936.128500  | 1,765,072.901100 |
| 911 - 912                                                                                                                                                                  | 86°43'45"SE | 13.91              | 912          | 660,950.019100  | 1,765,072.107300 |
| 912 - 913                                                                                                                                                                  | 75°57'49"SE | 13.09              | 913          | 660,962.719100  | 1,765,068.932300 |
| 913 - 914                                                                                                                                                                  | 70°01'02"SE | 13.94              | 914          | 660,975.816100  | 1,765,064.169900 |
| 914 - 915                                                                                                                                                                  | 65°51'15"SE | 12.61              | 915          | 660,987.325400  | 1,765,059.010500 |
| 915 - 916                                                                                                                                                                  | 53°40'22"SE | 16.75              | 916          | 661,000.819200  | 1,765,049.088500 |
| 916 - 917                                                                                                                                                                  | 73°04'24"SE | 9.54               | 917          | 661,009.947400  | 1,765,046.310500 |
| 917 - 918                                                                                                                                                                  | 76°25'45"SE | 23.68              | 918          | 661,032.966200  | 1,765,040.754100 |
| 918 - 919                                                                                                                                                                  | 73°31'17"SE | 21.69              | 919          | 661,053.762500  | 1,765,034.602500 |
| 919 - 920                                                                                                                                                                  | 71°02'45"SE | 41.54              | 920          | 661,093.053200  | 1,765,021.108900 |
| 920 - 921                                                                                                                                                                  | 76°42'03"SE | 22.43              | 921          | 661,114.881300  | 1,765,015.949400 |
| 921 - 922                                                                                                                                                                  | 72°20'59"SE | 27.49              | 922          | 661,141.075100  | 1,765,007.615000 |
| 922 - 923                                                                                                                                                                  | 64°58'59"SE | 45.99              | 923          | 661,182.747100  | 1,764,988.168100 |
| 923 - 924                                                                                                                                                                  | 73°57'35"SE | 33.04              | 924          | 661,214.497200  | 1,764,979.039900 |
| 924 - 925                                                                                                                                                                  | 71°42'53"SE | 48.07              | 925          | 661,260.137900  | 1,764,963.958700 |
| 925 - 926                                                                                                                                                                  | 70°01'00"SE | 37.16              | 926          | 661,295.062900  | 1,764,951.258700 |
| 926 - 927                                                                                                                                                                  | 69°10'44"SE | 60.29              | 927          | 661,351.419300  | 1,764,929.827400 |
| 927 - 928                                                                                                                                                                  | 75°04'07"SE | 61.61              | 928          | 661,410.950700  | 1,764,913.952400 |
| 928 - 929                                                                                                                                                                  | 73°51'20"SE | 31.40              | 929          | 661,441.113200  | 1,764,905.221100 |
| 929 - 930                                                                                                                                                                  | 69°09'27"SE | 25.10              | 930          | 661,464.568600  | 1,764,896.291400 |
| 930 - 931                                                                                                                                                                  | 74°16'30"SE | 42.47              | 931          | 661,505.446800  | 1,764,884.782000 |
| 931 - 932                                                                                                                                                                  | 65°05'43"NE | 12.25              | 932          | 661,516.559300  | 1,764,889.941300 |
| 932 - 933                                                                                                                                                                  | 85°36'01"NE | 10.35              | 933          | 661,526.878100  | 1,764,890.735200 |
| 933 - 934                                                                                                                                                                  | 82°08'46"SE | 11.62              | 934          | 661,538.387500  | 1,764,889.147600 |
| 934 - 935                                                                                                                                                                  | 63°51'11"SE | 24.32              | 935          | 661,560.215700  | 1,764,878.432000 |
| 935 - 936                                                                                                                                                                  | 73°04'20"SE | 28.62              | 936          | 661,587.600100  | 1,764,870.097600 |
| 936 - 937                                                                                                                                                                  | 73°42'21"SE | 53.75              | 937          | 661,639.193900  | 1,764,855.016300 |
| 937 - 938                                                                                                                                                                  | 70°45'29"SE | 44.56              | 938          | 661,681.262800  | 1,764,840.331900 |
| 938 - 939                                                                                                                                                                  | 72°43'06"SE | 37.41              | 939          | 661,716.981600  | 1,764,829.219300 |
| 939 - 940                                                                                                                                                                  | 67°47'17"SE | 51.44              | 940          | 661,764.606700  | 1,764,809.772400 |
| 940 - 941                                                                                                                                                                  | 75°20'08"SE | 43.90              | 941          | 661,807.072400  | 1,764,798.660000 |
| 941 - 942                                                                                                                                                                  | 83°28'50"NE | 13.98              | 942          | 661,820.963100  | 1,764,800.247400 |
| 942 - 943                                                                                                                                                                  | 62°37'11"NE | 18.84              | 943          | 661,837.696300  | 1,764,808.913700 |
| 943 - 944                                                                                                                                                                  | 70°01'01"SE | 30.97              | 944          | 661,866.800500  | 1,764,798.330400 |
| 944 - 945                                                                                                                                                                  | 67°27'25"SE | 75.92              | 945          | 661,936.915200  | 1,764,769.226200 |
| 945 - 946                                                                                                                                                                  | 54°05'24"SE | 47.37              | 946          | 661,975.279900  | 1,764,741.444800 |
| 946 - 947                                                                                                                                                                  | 72°24'59"SE | 197.06             | 947          | 662,163.134500  | 1,764,681.913500 |
| 947 - 948                                                                                                                                                                  | 71°20'31"SE | 107.52             | 948          | 662,264.999200  | 1,764,647.517500 |
| 948 - 949                                                                                                                                                                  | 77°34'57"SE | 147.65             | 949          | 662,409.197500  | 1,764,615.767600 |
| 949 - 950                                                                                                                                                                  | 65°19'23"SE | 161.60             | 950          | 662,556.041500  | 1,764,548.298600 |
| 950 - 951                                                                                                                                                                  | 74°42'12"SE | 160.47             | 951          | 662,710.823000  | 1,764,505.965200 |
| 951 - 952                                                                                                                                                                  | 84°45'58"SE | 174.03             | 952          | 662,884.125400  | 1,764,490.090100 |
| 952 - 953                                                                                                                                                                  | 67°26'20"SE | 43.94              | 953          | 662,924.699600  | 1,764,473.233200 |
| 953 - 954                                                                                                                                                                  | 23°57'44"SW | 24.81              | 954          | 662,914.623500  | 1,764,450.561800 |
| 954 - 955                                                                                                                                                                  | 18°13'34"SW | 64.29              | 955          | 662,894.515100  | 1,764,389.495900 |
| A partir de este vértice 955 se continúa por el límite de la línea de costa con un rumbo general NW y una distancia aproximada de 44,455.64 m hasta llegar al vértice 956. |             |                    |              |                 |                  |
|                                                                                                                                                                            |             |                    | 956          | 619,527.075200  | 1,774,165.432000 |
| 956 - 957                                                                                                                                                                  | 34°12'56"NE | 100.00             | 957          | 619,583.306200  | 1,774,248.124700 |
| 957 - 1                                                                                                                                                                    | 33°37'24"NE | 62.87              | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“La Tuza-Chacahua 1”**  
**(Superficie 337-79-26.16 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 619,618.118200  | 1,774,300.474400 |
| 1 - 2   | 55°46'13"SE | 480.32                | 2            | 620,015.239400  | 1,774,030.291600 |
| 2 - 3   | 56°01'39"SE | 1,542.76              | 3            | 621,294.662300  | 1,773,168.203900 |
| 3 - 4   | 48°41'48"SE | 370.58                | 4            | 621,573.051000  | 1,772,923.605600 |
| 4 - 5   | 41°18'59"SE | 18.15                 | 5            | 621,585.036200  | 1,772,909.971100 |
| 5 - 6   | 60°15'17"SE | 4.91                  | 6            | 621,589.299700  | 1,772,907.534800 |
| 6 - 7   | 33°55'24"SE | 12.38                 | 7            | 621,596.211100  | 1,772,897.258600 |
| 7 - 8   | 41°19'00"SE | 134.46                | 8            | 621,684.986600  | 1,772,796.267700 |
| 8 - 9   | 50°15'58"SE | 144.09                | 9            | 621,795.793100  | 1,772,704.164300 |
| 9 - 10  | 50°56'32"SE | 26.77                 | 10           | 621,816.583200  | 1,772,687.294200 |
| 10 - 11 | 40°06'48"SE | 49.68                 | 11           | 621,848.591900  | 1,772,649.300900 |
| 11 - 12 | 66°15'15"SE | 67.17                 | 12           | 621,910.072400  | 1,772,622.254300 |
| 12 - 13 | 68°27'13"SE | 70.44                 | 13           | 621,975.592200  | 1,772,596.384200 |
| 13 - 14 | 78°26'23"SE | 47.53                 | 14           | 622,022.158900  | 1,772,586.859200 |
| 14 - 15 | 44°50'55"SE | 28.36                 | 15           | 622,042.161500  | 1,772,566.750800 |
| 15 - 16 | 65°22'35"SE | 83.82                 | 16           | 622,118.361600  | 1,772,531.825800 |
| 16 - 17 | 69°02'03"SE | 121.27                | 17           | 622,231.603500  | 1,772,488.434100 |
| 17 - 18 | 37°58'17"SE | 55.04                 | 18           | 622,265.470300  | 1,772,445.042200 |
| 18 - 19 | 54°09'44"SE | 47.00                 | 19           | 622,303.570300  | 1,772,417.525500 |
| 19 - 20 | 62°15'57"SE | 115.98                | 20           | 622,406.228900  | 1,772,363.550500 |
| 20 - 21 | 39°48'20"SE | 66.13                 | 21           | 622,448.562300  | 1,772,312.750400 |
| 21 - 22 | 59°17'13"SE | 149.20                | 22           | 622,576.832600  | 1,772,236.550200 |
| 22 - 23 | 34°37'26"SE | 54.02                 | 23           | 622,607.524300  | 1,772,192.100000 |
| 23 - 24 | 49°58'11"SE | 34.55                 | 24           | 622,633.982700  | 1,772,169.875100 |
| 24 - 25 | 60°45'03"SE | 60.65                 | 25           | 622,686.899400  | 1,772,140.241600 |
| 25 - 26 | 56°41'22"SE | 88.65                 | 26           | 622,760.982900  | 1,772,091.558300 |
| 26 - 27 | 45°38'37"SE | 66.61                 | 27           | 622,808.608000  | 1,772,044.991400 |
| 27 - 28 | 74°44'41"SE | 72.40                 | 28           | 622,878.458200  | 1,772,025.941500 |
| 28 - 29 | 63°44'58"SE | 86.14                 | 29           | 622,955.716600  | 1,771,987.841300 |
| 29 - 30 | 63°23'39"SE | 199.45                | 30           | 623,134.046200  | 1,771,898.517900 |
| 30 - 31 | 43°04'09"SE | 66.64                 | 31           | 623,179.554600  | 1,771,849.834300 |
| 31 - 32 | 20°24'35"SE | 48.56                 | 32           | 623,196.488000  | 1,771,804.326000 |
| 32 - 33 | 59°53'55"SE | 84.41                 | 33           | 623,269.513100  | 1,771,761.992600 |
| 33 - 34 | 51°33'45"SE | 85.12                 | 34           | 623,336.188200  | 1,771,709.075800 |
| 34 - 35 | 66°38'40"SE | 101.45                | 35           | 623,429.321800  | 1,771,668.859100 |
| 35 - 36 | 57°37'09"SE | 51.38                 | 36           | 623,472.713500  | 1,771,641.342300 |
| 36 - 37 | 53°46'52"SE | 93.14                 | 37           | 623,547.855300  | 1,771,586.308900 |
| 37 - 38 | 61°09'14"SE | 225.94                | 38           | 623,745.764100  | 1,771,477.300400 |
| 38 - 39 | 56°19'40"SE | 185.92                | 39           | 623,900.492700  | 1,771,374.218400 |
| 39 - 40 | 58°39'44"SE | 250.30                | 40           | 624,114.276500  | 1,771,244.043100 |
| 40 - 41 | 58°13'40"SE | 192.96                | 41           | 624,278.318500  | 1,771,142.442900 |
| 41 - 42 | 51°06'56"SE | 42.15                 | 42           | 624,311.126900  | 1,771,115.984600 |
| 42 - 43 | 66°30'05"SE | 53.09                 | 43           | 624,359.810300  | 1,771,094.817900 |
| 43 - 44 | 51°30'14"SE | 53.38                 | 44           | 624,401.584900  | 1,771,061.593700 |
| 44 - 45 | 61°24'34"SE | 44.53                 | 45           | 624,440.682900  | 1,771,040.285200 |
| 45 - 46 | 59°01'55"SE | 24.42                 | 46           | 624,461.622200  | 1,771,027.719500 |
| 46 - 47 | 55°50'24"SE | 35.81                 | 47           | 624,491.255600  | 1,771,007.611100 |
| 47 - 48 | 60°27'39"SE | 36.49                 | 48           | 624,523.005600  | 1,770,989.619300 |
| 48 - 49 | 63°26'05"SE | 30.76                 | 49           | 624,550.522300  | 1,770,975.860900 |
| 49 - 50 | 58°08'03"SE | 46.11                 | 50           | 624,589.680800  | 1,770,951.519300 |
| 50 - 51 | 54°27'44"SE | 27.31                 | 51           | 624,611.905800  | 1,770,935.644300 |
| 51 - 52 | 52°22'25"SE | 64.14                 | 52           | 624,662.705900  | 1,770,896.485900 |
| 52 - 53 | 68°11'55"SE | 34.20                 | 53           | 624,694.456000  | 1,770,883.785900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 53 - 54   | 60°45'03"SE | 30.32                 | 54           | 624,720.914300  | 1,770,868.969100 |
| 54 - 55   | 56°46'06"SE | 36.69                 | 55           | 624,751.606100  | 1,770,848.860800 |
| 55 - 56   | 48°48'50"SE | 45.00                 | 56           | 624,785.472800  | 1,770,819.227400 |
| 56 - 57   | 58°23'32"SE | 32.31                 | 57           | 624,812.989500  | 1,770,802.293900 |
| 57 - 58   | 72°10'52"SE | 31.13                 | 58           | 624,842.622900  | 1,770,792.768900 |
| 58 - 59   | 83°17'24"SE | 36.23                 | 59           | 624,878.606300  | 1,770,788.535600 |
| 59 - 60   | 66°02'14"SE | 31.27                 | 60           | 624,907.181400  | 1,770,775.835500 |
| 60 - 61   | 54°27'44"SE | 72.83                 | 61           | 624,966.448200  | 1,770,733.502200 |
| 61 - 62   | 40°06'02"SE | 26.29                 | 62           | 624,983.381500  | 1,770,713.393800 |
| 62 - 63   | 54°39'07"SE | 22.32                 | 63           | 625,001.584900  | 1,770,700.482200 |
| 63 - 64   | 43°21'47"SE | 26.20                 | 64           | 625,019.576600  | 1,770,681.432100 |
| 64 - 65   | 69°26'37"SE | 18.08                 | 65           | 625,036.510000  | 1,770,675.082000 |
| 65 - 66   | 77°28'16"SE | 19.51                 | 66           | 625,055.560000  | 1,770,670.848700 |
| 66 - 67   | 56°18'35"SE | 19.08                 | 67           | 625,071.435000  | 1,770,660.265300 |
| 67 - 68   | 54°46'57"SE | 22.02                 | 68           | 625,089.426700  | 1,770,647.565400 |
| 68 - 69   | 84°17'20"SE | 21.27                 | 69           | 625,110.593500  | 1,770,645.448600 |
| 69 - 70   | 54°14'45"SE | 32.60                 | 70           | 625,137.051800  | 1,770,626.398600 |
| 70 - 71   | 48°34'34"SE | 23.99                 | 71           | 625,155.043500  | 1,770,610.523600 |
| 71 - 72   | 67°53'26"SE | 36.55                 | 72           | 625,188.910300  | 1,770,596.765300 |
| 72 - 73   | 57°31'43"SE | 27.60                 | 73           | 625,212.193700  | 1,770,581.948500 |
| 73 - 74   | 50°54'22"SE | 21.82                 | 74           | 625,229.127000  | 1,770,568.190200 |
| 74 - 75   | 37°52'30"SE | 24.13                 | 75           | 625,243.943700  | 1,770,549.140200 |
| 75 - 76   | 62°31'31"SE | 29.82                 | 76           | 625,270.402100  | 1,770,535.381800 |
| 76 - 77   | 65°13'29"SE | 45.46                 | 77           | 625,311.677200  | 1,770,516.331800 |
| 77 - 78   | 41°59'13"SE | 28.48                 | 78           | 625,330.727200  | 1,770,495.165100 |
| 78 - 79   | 60°01'05"SE | 31.77                 | 79           | 625,358.244000  | 1,770,479.290000 |
| 79 - 80   | 56°18'35"SE | 26.71                 | 80           | 625,380.469000  | 1,770,464.473300 |
| 80 - 81   | 64°21'31"SE | 29.35                 | 81           | 625,406.927400  | 1,770,451.773200 |
| 81 - 82   | 62°35'33"SE | 32.19                 | 82           | 625,435.502400  | 1,770,436.956600 |
| 82 - 83   | 65°50'00"SE | 36.19                 | 83           | 625,468.522500  | 1,770,422.139900 |
| 83 - 84   | 71°33'53"SE | 46.85                 | 84           | 625,512.972600  | 1,770,407.323100 |
| 84 - 85   | 67°46'56"SE | 81.17                 | 85           | 625,588.114400  | 1,770,376.631500 |
| 85 - 86   | 59°02'10"SE | 30.86                 | 86           | 625,614.572800  | 1,770,360.756400 |
| 86 - 87   | 64°05'36"SE | 82.36                 | 87           | 625,688.656300  | 1,770,324.773000 |
| 87 - 88   | 67°02'45"SE | 97.69                 | 88           | 625,778.614800  | 1,770,286.672900 |
| 88 - 89   | 69°31'40"SE | 84.73                 | 89           | 625,857.990000  | 1,770,257.039600 |
| 89 - 90   | 56°18'35"SE | 72.50                 | 90           | 625,918.315100  | 1,770,216.822800 |
| 90 - 91   | 62°55'40"SE | 106.97                | 91           | 626,013.565300  | 1,770,168.139400 |
| 91 - 92   | 58°55'15"SE | 90.21                 | 92           | 626,090.823800  | 1,770,121.572700 |
| 92 - 93   | 63°22'09"SE | 124.19                | 93           | 626,201.843100  | 1,770,065.904200 |
| 93 - 94   | 62°50'05"SE | 90.41                 | 94           | 626,282.276600  | 1,770,024.629000 |
| 94 - 95   | 63°46'05"SE | 81.41                 | 95           | 626,355.301800  | 1,769,988.645600 |
| 95 - 96   | 68°11'55"SE | 62.69                 | 96           | 626,413.510200  | 1,769,965.362300 |
| 96 - 97   | 64°34'50"SE | 118.35                | 97           | 626,520.402100  | 1,769,914.562100 |
| 97 - 98   | 12°39'09"SW | 53.15                 | 98           | 626,508.760400  | 1,769,862.703800 |
| 98 - 99   | 76°32'43"SE | 22.74                 | 99           | 626,530.879600  | 1,769,857.412000 |
| 99 - 100  | 73°23'34"SE | 62.95                 | 100          | 626,591.204800  | 1,769,839.420300 |
| 100 - 101 | 64°29'10"SE | 51.60                 | 101          | 626,637.771500  | 1,769,817.195300 |
| 101 - 102 | 73°55'35"SE | 64.98                 | 102          | 626,700.213300  | 1,769,799.203700 |
| 102 - 103 | 72°20'59"SE | 73.30                 | 103          | 626,770.063400  | 1,769,776.978600 |
| 103 - 104 | 74°24'25"SE | 94.49                 | 104          | 626,861.080300  | 1,769,751.578500 |
| 104 - 105 | 70°04'28"SE | 90.06                 | 105          | 626,945.747100  | 1,769,720.886900 |
| 105 - 106 | 55°47'03"SE | 32.00                 | 106          | 626,972.205500  | 1,769,702.895200 |
| 106 - 107 | 66°56'55"SE | 108.12                | 107          | 627,071.689000  | 1,769,660.561700 |
| 107 - 108 | 58°34'13"SE | 44.65                 | 108          | 627,109.789100  | 1,769,637.278400 |
| 108 - 109 | 59°12'24"SE | 97.58                 | 109          | 627,193.609300  | 1,769,587.324900 |
| 109 - 110 | 52°07'30"SE | 36.20                 | 110          | 627,222.184300  | 1,769,565.099900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 110 - 111 | 56°55'45"SE | 54.31                 | 111          | 627,267.692800  | 1,769,535.466400 |
| 111 - 112 | 46°38'11"SE | 52.41                 | 112          | 627,305.792800  | 1,769,499.483000 |
| 112 - 113 | 53°54'06"SE | 62.87                 | 113          | 627,356.593000  | 1,769,462.441200 |
| 113 - 114 | 46°45'19"SE | 67.75                 | 114          | 627,405.947900  | 1,769,416.021500 |
| 114 - 115 | 68°26'06"SE | 49.35                 | 115          | 627,451.843100  | 1,769,397.882900 |
| 115 - 116 | 41°59'14"NE | 25.63                 | 116          | 627,468.988200  | 1,769,416.932900 |
| 116 - 117 | 51°20'24"SE | 33.88                 | 117          | 627,495.446600  | 1,769,395.766100 |
| 117 - 118 | 58°09'39"SE | 154.48                | 118          | 627,626.680200  | 1,769,314.274300 |
| 118 - 119 | 52°07'29"SE | 36.20                 | 119          | 627,655.255200  | 1,769,292.049200 |
| 119 - 120 | 54°41'19"SE | 62.25                 | 120          | 627,706.055300  | 1,769,256.065900 |
| 120 - 121 | 55°47'03"SE | 32.00                 | 121          | 627,732.513700  | 1,769,238.074200 |
| 121 - 122 | 63°26'06"SE | 44.96                 | 122          | 627,772.730400  | 1,769,217.965900 |
| 122 - 123 | 56°58'34"SE | 75.74                 | 123          | 627,836.230600  | 1,769,176.690800 |
| 123 - 124 | 43°03'20"NE | 24.88                 | 124          | 627,853.217600  | 1,769,194.871600 |
| 124 - 125 | 23°52'13"NE | 49.56                 | 125          | 627,873.272300  | 1,769,240.190800 |
| 125 - 126 | 57°05'41"SE | 42.86                 | 126          | 627,909.255700  | 1,769,216.907500 |
| 126 - 127 | 56°18'35"SE | 45.79                 | 127          | 627,947.355800  | 1,769,191.507400 |
| 127 - 128 | 39°26'48"NE | 21.00                 | 128          | 627,960.695900  | 1,769,207.720900 |
| 128 - 129 | 70°19'45"SE | 17.43                 | 129          | 627,977.106600  | 1,769,201.854500 |
| 129 - 130 | 49°15'23"SE | 83.89                 | 130          | 628,040.663800  | 1,769,147.102500 |
| 130 - 131 | 44°59'59"SE | 28.28                 | 131          | 628,060.663700  | 1,769,127.102500 |
| 131 - 132 | 48°23'17"SE | 119.31                | 132          | 628,149.865700  | 1,769,047.872000 |
| 132 - 133 | 56°09'04"SE | 53.78                 | 133          | 628,194.532200  | 1,769,017.915200 |
| 133 - 134 | 45°43'26"SE | 79.38                 | 134          | 628,251.368300  | 1,768,962.497800 |
| 134 - 135 | 84°08'38"SE | 25.93                 | 135          | 628,277.165200  | 1,768,959.852000 |
| 135 - 136 | 30°57'49"SE | 27.00                 | 136          | 628,291.055900  | 1,768,936.700900 |
| 136 - 137 | 78°31'50"SE | 46.57                 | 137          | 628,336.696600  | 1,768,927.440600 |
| 137 - 138 | 16°11'21"SW | 21.35                 | 138          | 628,330.743400  | 1,768,906.935300 |
| 138 - 139 | 02°17'26"SE | 16.55                 | 139          | 628,331.404900  | 1,768,890.398700 |
| 139 - 140 | 41°00'33"SE | 20.16                 | 140          | 628,344.634100  | 1,768,875.185200 |
| 140 - 141 | 18°26'05"SE | 25.10                 | 141          | 628,352.571600  | 1,768,851.372700 |
| 141 - 142 | 81°04'37"SE | 22.57                 | 142          | 628,374.864900  | 1,768,847.872500 |
| 142 - 143 | 86°48'32"NE | 39.81                 | 143          | 628,414.610900  | 1,768,850.088300 |
| 143 - 144 | 88°18'55"SE | 36.00                 | 144          | 628,450.594300  | 1,768,849.030100 |
| 144 - 145 | 44°59'59"SE | 22.45                 | 145          | 628,466.469300  | 1,768,833.155000 |
| 145 - 146 | 18°58'13"SE | 35.81                 | 146          | 628,478.111000  | 1,768,799.288300 |
| 146 - 147 | 38°02'49"SE | 30.91                 | 147          | 628,497.161100  | 1,768,774.946500 |
| 147 - 148 | 86°03'17"SE | 30.76                 | 148          | 628,527.852800  | 1,768,772.829900 |
| 148 - 149 | 82°03'23"NE | 45.95                 | 149          | 628,573.361200  | 1,768,779.179900 |
| 149 - 150 | 49°47'49"SE | 96.55                 | 150          | 628,647.104100  | 1,768,716.855900 |
| 150 - 151 | 63°21'12"SE | 64.62                 | 151          | 628,704.863700  | 1,768,687.873400 |
| 151 - 152 | 53°34'30"SE | 70.83                 | 152          | 628,761.854300  | 1,768,645.818300 |
| 152 - 153 | 61°02'20"SE | 78.68                 | 153          | 628,830.692300  | 1,768,607.722000 |
| 153 - 154 | 59°42'50"SE | 71.12                 | 154          | 628,892.103100  | 1,768,571.856400 |
| 154 - 155 | 54°51'49"SE | 171.37                | 155          | 629,032.245800  | 1,768,473.230300 |
| 155 - 156 | 53°07'48"SE | 50.00                 | 156          | 629,072.245600  | 1,768,443.230500 |
| 156 - 157 | 55°37'58"SE | 44.76                 | 157          | 629,109.196000  | 1,768,417.961100 |
| 157 - 158 | 49°10'13"SE | 19.60                 | 158          | 629,124.024800  | 1,768,405.147800 |
| 158 - 159 | 56°02'23"SE | 50.20                 | 159          | 629,165.660600  | 1,768,377.106100 |
| 159 - 160 | 70°16'53"SE | 35.44                 | 160          | 629,199.024500  | 1,768,365.148000 |
| 160 - 161 | 60°19'57"SE | 34.72                 | 161          | 629,229.195700  | 1,768,347.961400 |
| 161 - 162 | 45°49'30"SE | 29.93                 | 162          | 629,250.660300  | 1,768,327.106300 |
| 162 - 163 | 44°54'56"SE | 103.00                | 163          | 629,323.385500  | 1,768,254.166700 |
| 163 - 164 | 43°15'30"SE | 41.67                 | 164          | 629,351.939900  | 1,768,223.821400 |
| 164 - 165 | 27°51'11"SE | 50.94                 | 165          | 629,375.741300  | 1,768,178.779400 |
| 165 - 166 | 23°52'15"SE | 36.80                 | 166          | 629,390.633700  | 1,768,145.126700 |
| 166 - 167 | 56°33'30"SE | 40.22                 | 167          | 629,424.195100  | 1,768,122.962000 |
| 167 - 168 | 45°15'26"SE | 62.22                 | 168          | 629,468.385600  | 1,768,079.166700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 168 - 169 | 52°49'27"SE | 53.06                 | 169          | 629,510.659700  | 1,768,047.107100 |
| 169 - 170 | 58°29'42"SE | 83.96                 | 170          | 629,582.244000  | 1,768,003.231900 |
| 170 - 171 | 41°58'40"SE | 122.01                | 171          | 629,663.849300  | 1,767,912.530100 |
| 171 - 172 | 47°04'02"NE | 69.96                 | 172          | 629,715.070700  | 1,767,960.182500 |
| 172 - 173 | 56°36'41"SE | 69.71                 | 173          | 629,773.279100  | 1,767,921.817900 |
| 173 - 174 | 46°07'24"SE | 47.72                 | 174          | 629,807.675000  | 1,767,888.745000 |
| 174 - 175 | 67°41'37"SE | 55.77                 | 175          | 629,859.268900  | 1,767,867.578300 |
| 175 - 176 | 50°11'39"SE | 72.33                 | 176          | 629,914.831500  | 1,767,821.276100 |
| 176 - 177 | 56°18'35"SE | 52.47                 | 177          | 629,958.487800  | 1,767,792.171800 |
| 177 - 178 | 55°10'31"SE | 74.13                 | 178          | 630,019.342100  | 1,767,749.838400 |
| 178 - 179 | 53°23'34"SE | 57.68                 | 179          | 630,065.644300  | 1,767,715.442500 |
| 179 - 180 | 87°55'00"SE | 52.29                 | 180          | 630,117.896000  | 1,767,713.541900 |
| 180 - 181 | 82°24'19"SE | 48.05                 | 181          | 630,165.521100  | 1,767,707.192000 |
| 181 - 182 | 57°31'43"SE | 41.40                 | 182          | 630,200.446100  | 1,767,684.966900 |
| 182 - 183 | 64°01'32"SE | 68.87                 | 183          | 630,262.358800  | 1,767,654.804300 |
| 183 - 184 | 52°18'20"SE | 88.27                 | 184          | 630,332.208900  | 1,767,600.829200 |
| 184 - 185 | 06°31'11"SE | 55.92                 | 185          | 630,338.558900  | 1,767,545.266700 |
| 185 - 186 | 47°12'09"SE | 47.11                 | 186          | 630,373.127600  | 1,767,513.258600 |
| 186 - 187 | 57°39'26"SE | 73.70                 | 187          | 630,435.396600  | 1,767,473.829000 |
| 187 - 188 | 45°51'18"SE | 75.22                 | 188          | 630,489.371700  | 1,767,421.441300 |
| 188 - 189 | 73°48'39"SE | 51.24                 | 189          | 630,538.584300  | 1,767,407.153900 |
| 189 - 190 | 53°56'06"SE | 62.56                 | 190          | 630,589.154200  | 1,767,370.325200 |
| 190 - 191 | 82°59'20"NE | 54.61                 | 191          | 630,643.359500  | 1,767,376.991300 |
| 191 - 192 | 87°08'15"SE | 63.58                 | 192          | 630,706.859700  | 1,767,373.816300 |
| 192 - 193 | 73°08'29"SE | 54.74                 | 193          | 630,759.247300  | 1,767,357.941300 |
| 193 - 194 | 17°06'09"SE | 21.59                 | 194          | 630,765.597300  | 1,767,337.303800 |
| 194 - 195 | 42°08'15"SE | 44.96                 | 195          | 630,795.759800  | 1,767,303.966200 |
| 195 - 196 | 31°45'10"SW | 21.65                 | 196          | 630,784.367400  | 1,767,285.558400 |
| 196 - 197 | 21°17'40"SW | 23.81                 | 197          | 630,775.721600  | 1,767,263.376800 |
| 197 - 198 | 38°42'13"SE | 11.68                 | 198          | 630,783.024900  | 1,767,254.262000 |
| 198 - 199 | 44°39'46"SW | 9.17                  | 199          | 630,776.576600  | 1,767,247.737400 |
| 199 - 200 | 80°04'13"SW | 27.48                 | 200          | 630,749.513000  | 1,767,242.999700 |
| 200 - 201 | 82°45'58"SW | 47.66                 | 201          | 630,702.233700  | 1,767,236.998600 |
| 201 - 202 | 73°34'22"SW | 20.65                 | 202          | 630,682.426400  | 1,767,231.158800 |
| 202 - 203 | 45°44'40"SW | 14.30                 | 203          | 630,672.182700  | 1,767,221.177900 |
| 203 - 204 | 24°17'55"SE | 15.03                 | 204          | 630,678.368200  | 1,767,207.477700 |
| 204 - 205 | 77°15'25"SE | 38.78                 | 205          | 630,716.193700  | 1,767,198.923600 |
| 205 - 206 | 76°33'53"SE | 40.07                 | 206          | 630,755.168500  | 1,767,189.613200 |
| 206 - 207 | 81°41'57"SE | 30.49                 | 207          | 630,785.338400  | 1,767,185.211500 |
| 207 - 208 | 77°34'07"NE | 35.31                 | 208          | 630,819.821100  | 1,767,192.812800 |
| 208 - 209 | 83°31'37"SE | 20.56                 | 209          | 630,840.253400  | 1,767,190.494600 |
| 209 - 210 | 71°41'39"NE | 14.84                 | 210          | 630,854.344100  | 1,767,195.156200 |
| 210 - 211 | 87°17'41"SE | 137.13                | 211          | 630,991.318000  | 1,767,188.684500 |
| 211 - 212 | 06°16'05"SW | 80.25                 | 212          | 630,982.556000  | 1,767,108.914900 |
| 212 - 213 | 78°11'12"SE | 165.43                | 213          | 631,144.481400  | 1,767,075.048100 |
| 213 - 214 | 16°41'58"SW | 22.10                 | 214          | 631,138.131300  | 1,767,053.881500 |
| 214 - 215 | 66°28'36"SE | 98.11                 | 215          | 631,228.089900  | 1,767,014.723000 |
| 215 - 216 | 87°21'41"SE | 229.90                | 216          | 631,457.748700  | 1,767,004.139800 |
| 216 - 217 | 89°08'36"SE | 228.86                | 217          | 631,686.584000  | 1,767,000.718400 |
| 217 - 218 | 77°28'16"SE | 84.35                 | 218          | 631,768.926800  | 1,766,982.419900 |
| 218 - 219 | 86°02'23"NE | 51.57                 | 219          | 631,820.375200  | 1,766,985.981500 |
| 219 - 220 | 81°15'59"SE | 42.27                 | 220          | 631,862.153400  | 1,766,979.563600 |
| 220 - 221 | 78°36'11"SE | 85.21                 | 221          | 631,945.679600  | 1,766,962.726500 |
| 221 - 222 | 80°06'48"SE | 99.59                 | 222          | 632,043.793700  | 1,766,945.626600 |
| 222 - 223 | 82°24'37"SE | 300.17                | 223          | 632,341.330300  | 1,766,905.981600 |
| 223 - 224 | 85°09'35"SE | 59.26                 | 224          | 632,400.375100  | 1,766,900.981700 |
| 224 - 225 | 83°40'29"SE | 93.99                 | 225          | 632,493.792700  | 1,766,890.626800 |
| 225 - 226 | 82°52'30"SE | 161.24                | 226          | 632,653.792300  | 1,766,870.626900 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 226 - 227 | 83°32'15"SE | 529.95                | 227          | 633,180.374800  | 1,766,810.982000 |
| 227 - 228 | 83°18'12"SE | 70.78                 | 228          | 633,250.674100  | 1,766,802.728200 |
| 228 - 229 | 81°52'11"SE | 141.42                | 229          | 633,390.673500  | 1,766,782.728400 |
| 229 - 230 | 81°01'39"SE | 96.18                 | 230          | 633,485.673100  | 1,766,767.728700 |
| 230 - 231 | 75°38'02"SE | 91.54                 | 231          | 633,574.348700  | 1,766,745.016600 |
| 231 - 232 | 80°12'53"SE | 55.25                 | 232          | 633,628.790100  | 1,766,735.627400 |
| 232 - 233 | 79°34'39"SE | 53.58                 | 233          | 633,681.481700  | 1,766,725.935400 |
| 233 - 234 | 81°27'15"SE | 76.51                 | 234          | 633,757.145200  | 1,766,714.565700 |
| 234 - 235 | 84°17'22"SE | 50.25                 | 235          | 633,807.145000  | 1,766,709.565800 |
| 235 - 236 | 85°14'34"SE | 163.79                | 236          | 633,970.375000  | 1,766,695.982200 |
| 236 - 237 | 83°43'33"SE | 91.50                 | 237          | 634,061.330700  | 1,766,685.982300 |
| 237 - 238 | 86°02'43"SE | 77.64                 | 238          | 634,138.789000  | 1,766,680.627600 |
| 238 - 239 | 80°43'31"SE | 99.66                 | 239          | 634,237.143100  | 1,766,664.566200 |
| 239 - 240 | 80°18'42"SE | 82.83                 | 240          | 634,318.788800  | 1,766,650.627700 |
| 240 - 241 | 79°55'31"SE | 83.99                 | 241          | 634,401.481700  | 1,766,635.935800 |
| 241 - 242 | 81°27'15"SE | 76.51                 | 242          | 634,477.142100  | 1,766,624.566400 |
| 242 - 243 | 77°37'33"SE | 40.28                 | 243          | 634,516.481500  | 1,766,615.935800 |
| 243 - 244 | 80°31'44"SE | 49.87                 | 244          | 634,565.668600  | 1,766,607.730200 |
| 244 - 245 | 80°13'59"SE | 77.60                 | 245          | 634,642.141400  | 1,766,594.566700 |
| 245 - 246 | 79°26'44"SE | 64.62                 | 246          | 634,705.668000  | 1,766,582.730400 |
| 246 - 247 | 79°08'45"SE | 64.27                 | 247          | 634,768.787500  | 1,766,570.628100 |
| 247 - 248 | 79°55'31"SE | 83.99                 | 248          | 634,851.481700  | 1,766,555.935900 |
| 248 - 249 | 81°05'07"SE | 85.21                 | 249          | 634,935.667000  | 1,766,542.730700 |
| 249 - 250 | 80°34'22"SE | 134.94                | 250          | 635,068.787000  | 1,766,520.628200 |
| 250 - 251 | 80°48'28"SE | 69.24                 | 251          | 635,137.139200  | 1,766,509.567100 |
| 251 - 252 | 79°22'49"SE | 81.39                 | 252          | 635,217.138900  | 1,766,494.567300 |
| 252 - 253 | 78°40'44"SE | 671.59                | 253          | 635,875.663000  | 1,766,362.731900 |
| 253 - 254 | 79°00'58"SE | 89.77                 | 254          | 635,963.785200  | 1,766,345.628600 |
| 254 - 255 | 79°46'13"SE | 128.93                | 255          | 636,090.662200  | 1,766,322.732300 |
| 255 - 256 | 79°08'43"SE | 64.27                 | 256          | 636,153.784800  | 1,766,310.628700 |
| 256 - 257 | 79°28'34"SE | 54.40                 | 257          | 636,207.272700  | 1,766,300.692500 |
| 257 - 258 | 79°54'08"SE | 57.40                 | 258          | 636,263.784500  | 1,766,290.628700 |
| 258 - 259 | 77°54'51"SE | 37.71                 | 259          | 636,300.661300  | 1,766,282.732700 |
| 259 - 260 | 77°28'16"SE | 92.20                 | 260          | 636,390.660900  | 1,766,262.732900 |
| 260 - 261 | 77°09'51"SE | 54.48                 | 261          | 636,443.784000  | 1,766,250.628900 |
| 261 - 262 | 77°54'52"SE | 37.71                 | 262          | 636,480.660500  | 1,766,242.733000 |
| 262 - 263 | 76°52'06"SE | 53.00                 | 263          | 636,532.273100  | 1,766,230.692400 |
| 263 - 264 | 78°26'42"SE | 64.70                 | 264          | 636,595.660100  | 1,766,217.733100 |
| 264 - 265 | 76°52'41"SE | 57.99                 | 265          | 636,652.132700  | 1,766,204.568800 |
| 265 - 266 | 77°28'16"SE | 138.29                | 266          | 636,787.132200  | 1,766,174.569000 |
| 266 - 267 | 78°37'26"SE | 110.70                | 267          | 636,895.658800  | 1,766,152.733500 |
| 267 - 268 | 78°14'10"SE | 59.37                 | 268          | 636,953.783100  | 1,766,140.629100 |
| 268 - 269 | 78°00'14"SE | 206.38                | 269          | 637,155.657700  | 1,766,097.733900 |
| 269 - 270 | 75°57'49"SE | 20.62                 | 270          | 637,175.657600  | 1,766,092.733900 |
| 270 - 271 | 80°32'16"SE | 30.41                 | 271          | 637,205.657500  | 1,766,087.734100 |
| 271 - 272 | 78°51'46"SE | 42.27                 | 272          | 637,247.130200  | 1,766,079.569500 |
| 272 - 273 | 81°58'56"SE | 49.01                 | 273          | 637,295.657100  | 1,766,072.734200 |
| 273 - 274 | 81°24'55"SE | 45.22                 | 274          | 637,340.374800  | 1,766,065.983500 |
| 274 - 275 | 82°58'05"SE | 43.74                 | 275          | 637,383.782000  | 1,766,060.629300 |
| 275 - 276 | 82°02'31"SE | 43.77                 | 276          | 637,427.129400  | 1,766,054.569700 |
| 276 - 277 | 77°31'55"SE | 54.82                 | 277          | 637,480.656300  | 1,766,042.734500 |
| 277 - 278 | 73°32'16"SE | 64.10                 | 278          | 637,542.128900  | 1,766,024.569700 |
| 278 - 279 | 74°03'16"SE | 109.20                | 279          | 637,647.128400  | 1,765,994.569800 |
| 279 - 280 | 78°28'37"SE | 34.22                 | 280          | 637,680.655500  | 1,765,987.734700 |
| 280 - 281 | 81°52'11"SE | 70.71                 | 281          | 637,750.655200  | 1,765,977.734700 |
| 281 - 282 | 81°24'54"SE | 45.23                 | 282          | 637,795.375000  | 1,765,970.983500 |
| 282 - 283 | 82°56'08"SE | 52.15                 | 283          | 637,847.127600  | 1,765,964.570100 |
| 283 - 284 | 77°31'55"SE | 54.82                 | 284          | 637,900.654600  | 1,765,952.734900 |
| 284 - 285 | 75°57'49"SE | 144.31                | 285          | 638,040.654100  | 1,765,917.735200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 285 - 286 | 76°45'33"SE | 87.32                 | 286          | 638,125.653700  | 1,765,897.735200 |
| 286 - 287 | 78°47'51"SE | 67.76                 | 287          | 638,192.126100  | 1,765,884.570400 |
| 287 - 288 | 74°00'56"NE | 52.54                 | 288          | 638,242.635000  | 1,765,899.038500 |
| 288 - 289 | 80°50'15"SE | 41.54                 | 289          | 638,283.645500  | 1,765,892.423900 |
| 289 - 290 | 89°59'59"NE | 78.05                 | 290          | 638,361.697700  | 1,765,892.424000 |
| 290 - 291 | 65°33'21"SE | 47.95                 | 291          | 638,405.354100  | 1,765,872.580100 |
| 291 - 292 | 78°29'10"SE | 72.90                 | 292          | 638,476.791700  | 1,765,858.028000 |
| 292 - 293 | 79°14'56"SE | 106.38                | 293          | 638,581.302300  | 1,765,838.184300 |
| 293 - 294 | 81°05'05"SE | 68.29                 | 294          | 638,648.771200  | 1,765,827.600800 |
| 294 - 295 | 83°51'46"SE | 173.24                | 295          | 638,821.015300  | 1,765,809.080100 |
| 295 - 296 | 74°21'27"SE | 68.69                 | 296          | 638,887.161300  | 1,765,790.559200 |
| 296 - 297 | 86°31'54"NE | 43.74                 | 297          | 638,930.817600  | 1,765,793.205000 |
| 297 - 298 | 80°59'29"SE | 109.83                | 298          | 639,039.297000  | 1,765,776.007100 |
| 298 - 299 | 71°52'41"SE | 76.56                 | 299          | 639,112.057600  | 1,765,752.194500 |
| 299 - 300 | 82°30'14"SE | 50.70                 | 300          | 639,162.328500  | 1,765,745.579900 |
| 300 - 301 | 72°53'50"SE | 17.99                 | 301          | 639,179.526400  | 1,765,740.288300 |
| 301 - 302 | 60°15'17"SE | 32.00                 | 302          | 639,207.307800  | 1,765,724.413100 |
| 302 - 303 | 83°17'23"NE | 22.64                 | 303          | 639,229.797400  | 1,765,727.059100 |
| 303 - 304 | 89°59'59"SE | 27.78                 | 304          | 639,257.578700  | 1,765,727.059000 |
| 304 - 305 | 82°43'29"NE | 62.68                 | 305          | 639,319.755900  | 1,765,734.996600 |
| 305 - 306 | 76°30'15"SE | 68.02                 | 306          | 639,385.901900  | 1,765,719.121500 |
| 306 - 307 | 74°28'33"SE | 49.43                 | 307          | 639,433.527000  | 1,765,705.892400 |
| 307 - 308 | 75°57'49"SE | 54.55                 | 308          | 639,486.443700  | 1,765,692.663100 |
| 308 - 309 | 78°51'25"SE | 88.99                 | 309          | 639,573.756400  | 1,765,675.465200 |
| 309 - 310 | 74°44'41"SE | 45.25                 | 310          | 639,617.412700  | 1,765,663.558900 |
| 310 - 311 | 77°19'10"SE | 54.24                 | 311          | 639,670.329500  | 1,765,651.652600 |
| 311 - 312 | 75°29'59"SE | 79.25                 | 312          | 639,747.058800  | 1,765,631.808800 |
| 312 - 313 | 11°45'43"SW | 100.31                | 313          | 639,726.611100  | 1,765,533.605700 |
| 313 - 314 | 74°03'56"SE | 33.79                 | 314          | 639,759.105700  | 1,765,524.328400 |
| 314 - 315 | 79°38'25"SE | 61.17                 | 315          | 639,819.277700  | 1,765,513.328500 |
| 315 - 316 | 82°46'18"NE | 31.71                 | 316          | 639,850.735200  | 1,765,517.318300 |
| 316 - 317 | 32°04'37"NE | 21.34                 | 317          | 639,862.069900  | 1,765,535.403500 |
| 317 - 318 | 80°13'03"SE | 48.46                 | 318          | 639,909.822300  | 1,765,527.170300 |
| 318 - 319 | 83°25'16"SE | 47.09                 | 319          | 639,956.602900  | 1,765,521.775200 |
| 319 - 320 | 14°07'07"NE | 44.28                 | 320          | 639,967.405200  | 1,765,564.721700 |
| 320 - 321 | 78°48'08"NE | 19.08                 | 321          | 639,986.125400  | 1,765,568.427600 |
| 321 - 322 | 29°36'31"NE | 26.25                 | 322          | 639,999.097200  | 1,765,591.254100 |
| 322 - 323 | 79°24'11"SE | 74.82                 | 323          | 640,072.642700  | 1,765,577.494500 |
| 323 - 324 | 81°19'30"SE | 48.30                 | 324          | 640,120.389200  | 1,765,570.209700 |
| 324 - 325 | 81°53'47"SE | 180.36                | 325          | 640,298.949900  | 1,765,544.786000 |
| 325 - 326 | 87°17'08"SE | 35.35                 | 326          | 640,334.259100  | 1,765,543.112000 |
| 326 - 327 | 84°52'02"SE | 29.71                 | 327          | 640,363.850300  | 1,765,540.454000 |
| 327 - 328 | 72°48'48"SE | 22.01                 | 328          | 640,384.879700  | 1,765,533.949700 |
| 328 - 329 | 85°02'17"SE | 61.32                 | 329          | 640,445.970200  | 1,765,528.646000 |
| 329 - 330 | 82°21'21"SE | 102.12                | 330          | 640,547.181700  | 1,765,515.062300 |
| 330 - 331 | 85°25'20"SE | 88.10                 | 331          | 640,634.995700  | 1,765,508.031300 |
| 331 - 332 | 74°30'35"SE | 62.48                 | 332          | 640,695.204200  | 1,765,491.345200 |
| 332 - 333 | 82°58'32"SE | 44.25                 | 333          | 640,739.123300  | 1,765,485.933700 |
| 333 - 334 | 63°56'20"SE | 40.48                 | 334          | 640,775.488400  | 1,765,468.149300 |
| 334 - 335 | 39°11'43"SE | 30.43                 | 335          | 640,794.717800  | 1,765,444.567900 |
| 335 - 336 | 60°15'36"SE | 26.47                 | 336          | 640,817.697300  | 1,765,431.439400 |
| 336 - 337 | 82°02'49"SE | 32.78                 | 337          | 640,850.162700  | 1,765,426.903900 |
| 337 - 338 | 84°52'07"SE | 59.42                 | 338          | 640,909.345800  | 1,765,421.589300 |
| 338 - 339 | 85°37'40"SE | 45.95                 | 339          | 640,955.161000  | 1,765,418.086400 |
| 339 - 340 | 89°00'25"SE | 40.08                 | 340          | 640,995.234500  | 1,765,417.391800 |
| 340 - 341 | 84°41'13"SE | 67.11                 | 341          | 641,062.055500  | 1,765,411.177700 |
| 341 - 342 | 81°15'22"SE | 59.90                 | 342          | 641,121.262700  | 1,765,402.071400 |
| 342 - 343 | 77°59'15"SE | 75.21                 | 343          | 641,194.821800  | 1,765,386.419200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 343 - 344 | 76°00'16"SE | 64.99                 | 344          | 641,257.887100  | 1,765,370.700700 |
| 344 - 345 | 57°47'22"SE | 7.65                  | 345          | 641,264.361500  | 1,765,366.621900 |
| 345 - 346 | 72°47'38"NE | 44.06                 | 346          | 641,306.451800  | 1,765,379.655800 |
| 346 - 347 | 46°58'30"SE | 8.14                  | 347          | 641,312.404900  | 1,765,374.099600 |
| 347 - 348 | 90°00'00"NE | 11.31                 | 348          | 641,323.715900  | 1,765,374.099600 |
| 348 - 349 | 74°50'45"NE | 19.74                 | 349          | 641,342.765900  | 1,765,379.259000 |
| 349 - 350 | 80°45'13"SE | 17.29                 | 350          | 641,359.831600  | 1,765,376.480800 |
| 350 - 351 | 76°36'27"NE | 17.13                 | 351          | 641,376.500300  | 1,765,380.449500 |
| 351 - 352 | 77°07'31"SE | 14.25                 | 352          | 641,390.391000  | 1,765,377.274600 |
| 352 - 353 | 69°02'20"NE | 17.43                 | 353          | 641,406.670000  | 1,765,383.510800 |
| 353 - 354 | 77°14'38"NE | 27.83                 | 354          | 641,433.809000  | 1,765,389.654700 |
| 354 - 355 | 53°34'09"SE | 36.23                 | 355          | 641,462.955500  | 1,765,368.141900 |
| 355 - 356 | 87°57'34"SE | 77.90                 | 356          | 641,540.806900  | 1,765,365.368300 |
| 356 - 357 | 72°10'51"NE | 46.69                 | 357          | 641,585.257000  | 1,765,379.655900 |
| 357 - 358 | 61°21'42"NE | 43.35                 | 358          | 641,623.300200  | 1,765,400.430700 |
| 358 - 359 | 03°57'27"NE | 24.63                 | 359          | 641,625.000000  | 1,765,425.000000 |
| 359 - 360 | 16°28'29"NW | 41.24                 | 360          | 641,613.304400  | 1,765,464.547400 |
| 360 - 361 | 23°02'47"NE | 3.26                  | 361          | 641,614.581900  | 1,765,467.550200 |
| 361 - 362 | 27°43'28"NE | 5.87                  | 362          | 641,617.310500  | 1,765,472.742000 |
| 362 - 363 | 31°09'03"NE | 10.56                 | 363          | 641,622.773600  | 1,765,481.780100 |
| 363 - 364 | 13°18'50"NE | 48.04                 | 364          | 641,633.836400  | 1,765,528.527800 |
| 364 - 365 | 50°14'30"NW | 102.39                | 365          | 641,555.122800  | 1,765,594.012300 |
| 365 - 366 | 70°31'24"NW | 57.53                 | 366          | 641,500.883100  | 1,765,613.194700 |
| 366 - 367 | 85°47'40"NW | 45.10                 | 367          | 641,455.903800  | 1,765,616.502000 |
| 367 - 368 | 61°40'52"NW | 53.62                 | 368          | 641,408.701300  | 1,765,641.937900 |
| 368 - 369 | 25°20'46"NW | 27.81                 | 369          | 641,396.795000  | 1,765,667.073300 |
| 369 - 370 | 71°59'44"NW | 55.64                 | 370          | 641,343.878300  | 1,765,684.271300 |
| 370 - 371 | 15°01'06"NE | 56.16                 | 371          | 641,358.430400  | 1,765,738.511000 |
| 371 - 372 | 16°21'16"NE | 91.61                 | 372          | 641,384.227300  | 1,765,826.418900 |
| 372 - 373 | 54°09'44"NE | 29.37                 | 373          | 641,408.039900  | 1,765,843.616900 |
| 373 - 374 | 72°53'50"NE | 26.99                 | 374          | 641,433.836800  | 1,765,851.554300 |
| 374 - 375 | 74°44'41"SE | 30.17                 | 375          | 641,462.941000  | 1,765,843.616800 |
| 375 - 376 | 64°34'23"SE | 34.49                 | 376          | 641,494.089000  | 1,765,828.808800 |
| 376 - 377 | 58°18'12"SE | 52.85                 | 377          | 641,539.056300  | 1,765,801.040300 |
| 377 - 378 | 27°51'36"NE | 29.43                 | 378          | 641,552.808600  | 1,765,827.057700 |
| 378 - 379 | 09°27'44"NE | 54.78                 | 379          | 641,561.814400  | 1,765,881.093000 |
| 379 - 380 | 26°09'41"NE | 142.98                | 380          | 641,624.855700  | 1,766,009.427000 |
| 380 - 381 | 27°03'02"NE | 118.82                | 381          | 641,678.891000  | 1,766,115.246200 |
| 381 - 382 | 36°01'38"NE | 91.87                 | 382          | 641,732.926300  | 1,766,189.544700 |
| 382 - 383 | 45°03'27"NE | 125.31                | 383          | 641,821.624000  | 1,766,278.063800 |
| 383 - 384 | 45°30'41"NE | 78.15                 | 384          | 641,877.375300  | 1,766,332.828400 |
| 384 - 385 | 31°12'31"NE | 5.84                  | 385          | 641,880.401000  | 1,766,337.822700 |
| 385 - 386 | 47°24'25"NE | 21.27                 | 386          | 641,896.059700  | 1,766,352.218100 |
| 386 - 387 | 49°01'11"NE | 29.58                 | 387          | 641,918.391400  | 1,766,371.617100 |
| 387 - 388 | 52°05'47"NE | 66.40                 | 388          | 641,970.784300  | 1,766,412.409100 |
| 388 - 389 | 50°37'50"NE | 28.75                 | 389          | 641,993.012800  | 1,766,430.647800 |
| 389 - 390 | 54°15'12"NE | 24.46                 | 390          | 642,012.864000  | 1,766,444.936800 |
| 390 - 391 | 53°23'11"NE | 22.26                 | 391          | 642,030.733300  | 1,766,458.214300 |
| 391 - 392 | 55°22'32"NE | 27.16                 | 392          | 642,053.084800  | 1,766,473.647600 |
| 392 - 393 | 54°32'27"NE | 26.89                 | 393          | 642,074.991300  | 1,766,489.249700 |
| 393 - 394 | 55°59'51"NE | 27.57                 | 394          | 642,097.844400  | 1,766,504.665700 |
| 394 - 395 | 58°15'58"NE | 44.11                 | 395          | 642,135.364200  | 1,766,527.869000 |
| 395 - 396 | 59°22'52"NE | 46.41                 | 396          | 642,175.300900  | 1,766,551.505200 |
| 396 - 397 | 62°31'34"NE | 26.03                 | 397          | 642,198.395500  | 1,766,563.514000 |
| 397 - 398 | 57°24'12"NE | 20.85                 | 398          | 642,215.957400  | 1,766,574.743800 |
| 398 - 399 | 60°32'31"NE | 16.85                 | 399          | 642,230.626500  | 1,766,583.029000 |
| 399 - 400 | 57°10'29"NE | 25.95                 | 400          | 642,252.429700  | 1,766,597.093800 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 400 - 401 | 60°12'32"NE | 22.50                 | 401          | 642,271.957500  | 1,766,608.273400 |
| 401 - 402 | 61°30'49"NE | 20.54                 | 402          | 642,290.008800  | 1,766,618.068900 |
| 402 - 403 | 58°59'32"NE | 13.69                 | 403          | 642,301.744600  | 1,766,625.122600 |
| 403 - 404 | 49°41'27"NE | 14.20                 | 404          | 642,312.575800  | 1,766,634.311100 |
| 404 - 405 | 67°16'42"NE | 22.88                 | 405          | 642,333.675900  | 1,766,643.146800 |
| 405 - 406 | 64°25'30"NE | 22.35                 | 406          | 642,353.834300  | 1,766,652.794200 |
| 406 - 407 | 65°52'46"NE | 25.56                 | 407          | 642,377.165400  | 1,766,663.240700 |
| 407 - 408 | 59°44'42"NE | 19.56                 | 408          | 642,394.060500  | 1,766,673.095500 |
| 408 - 409 | 66°52'51"NE | 33.64                 | 409          | 642,424.995000  | 1,766,686.302400 |
| 409 - 410 | 89°42'57"NE | 2.38                  | 410          | 642,427.374600  | 1,766,686.314200 |
| 410 - 411 | 76°31'06"SE | 11.40                 | 411          | 642,438.458800  | 1,766,683.656900 |
| 411 - 412 | 70°20'01"NE | 6.72                  | 412          | 642,444.788600  | 1,766,685.919100 |
| 412 - 413 | 66°54'33"NE | 30.16                 | 413          | 642,472.532900  | 1,766,697.747800 |
| 413 - 414 | 68°52'05"NE | 23.03                 | 414          | 642,494.011500  | 1,766,706.049400 |
| 414 - 415 | 67°34'12"NE | 22.19                 | 415          | 642,514.523500  | 1,766,714.516300 |
| 415 - 416 | 69°17'59"NE | 47.01                 | 416          | 642,558.502800  | 1,766,731.134800 |
| 416 - 417 | 73°33'22"NE | 25.13                 | 417          | 642,582.608700  | 1,766,738.249500 |
| 417 - 418 | 74°48'01"NE | 19.35                 | 418          | 642,601.281800  | 1,766,743.322700 |
| 418 - 419 | 66°17'08"NE | 23.48                 | 419          | 642,622.777800  | 1,766,752.765200 |
| 419 - 420 | 65°15'08"NE | 26.88                 | 420          | 642,647.185100  | 1,766,764.015900 |
| 420 - 421 | 72°48'43"NE | 62.26                 | 421          | 642,706.666600  | 1,766,782.414700 |
| 421 - 422 | 69°44'27"NE | 25.63                 | 422          | 642,730.712700  | 1,766,791.290100 |
| 422 - 423 | 71°42'01"NE | 26.94                 | 423          | 642,756.293200  | 1,766,799.749800 |
| 423 - 424 | 67°25'11"NE | 18.53                 | 424          | 642,773.401000  | 1,766,806.864100 |
| 424 - 425 | 72°28'22"NE | 29.62                 | 425          | 642,801.644000  | 1,766,815.783800 |
| 425 - 426 | 73°21'25"NE | 24.40                 | 426          | 642,825.026100  | 1,766,822.773400 |
| 426 - 427 | 68°14'20"NE | 21.93                 | 427          | 642,845.390100  | 1,766,830.902300 |
| 427 - 428 | 72°54'29"NE | 22.93                 | 428          | 642,867.308200  | 1,766,837.641700 |
| 428 - 429 | 70°54'20"NE | 27.77                 | 429          | 642,893.552700  | 1,766,846.726800 |
| 429 - 430 | 68°21'34"NE | 28.33                 | 430          | 642,919.886000  | 1,766,857.174400 |
| 430 - 431 | 69°35'22"NE | 25.18                 | 431          | 642,943.481300  | 1,766,865.954300 |
| 431 - 432 | 70°38'39"NE | 29.98                 | 432          | 642,971.768400  | 1,766,875.891200 |
| 432 - 433 | 72°01'34"NE | 26.12                 | 433          | 642,996.615600  | 1,766,883.951900 |
| 433 - 434 | 72°49'40"NE | 26.96                 | 434          | 643,022.376400  | 1,766,891.912500 |
| 434 - 435 | 76°00'44"NE | 33.77                 | 435          | 643,055.140600  | 1,766,900.074000 |
| 435 - 436 | 74°41'38"NE | 18.82                 | 436          | 643,073.297700  | 1,766,905.043300 |
| 436 - 437 | 75°36'08"NE | 26.51                 | 437          | 643,098.971100  | 1,766,911.634000 |
| 437 - 438 | 74°13'25"NE | 27.46                 | 438          | 643,125.400500  | 1,766,919.101000 |
| 438 - 439 | 77°49'59"NE | 21.02                 | 439          | 643,145.947000  | 1,766,923.530800 |
| 439 - 440 | 75°45'23"NE | 25.53                 | 440          | 643,170.693700  | 1,766,929.812600 |
| 440 - 441 | 77°32'17"NE | 40.79                 | 441          | 643,210.522700  | 1,766,938.614600 |
| 441 - 442 | 82°26'09"NE | 82.86                 | 442          | 643,292.666600  | 1,766,949.522300 |
| 442 - 443 | 82°55'38"NE | 27.51                 | 443          | 643,319.970600  | 1,766,952.909900 |
| 443 - 444 | 80°25'53"NE | 54.09                 | 444          | 643,373.308400  | 1,766,961.901100 |
| 444 - 445 | 83°25'53"NE | 91.07                 | 445          | 643,463.781500  | 1,766,972.318900 |
| 445 - 446 | 81°18'30"NE | 25.89                 | 446          | 643,489.377900  | 1,766,976.231800 |
| 446 - 447 | 83°16'37"NE | 25.35                 | 447          | 643,514.551500  | 1,766,979.199200 |
| 447 - 448 | 82°38'21"NE | 54.90                 | 448          | 643,568.998700  | 1,766,986.232800 |
| 448 - 449 | 84°30'05"NE | 32.44                 | 449          | 643,601.293600  | 1,766,989.341500 |
| 449 - 450 | 85°32'47"NE | 29.31                 | 450          | 643,630.518100  | 1,766,991.617600 |
| 450 - 451 | 83°07'33"NE | 27.14                 | 451          | 643,657.462800  | 1,766,994.865900 |
| 451 - 452 | 84°14'17"NE | 28.88                 | 452          | 643,686.198500  | 1,766,997.765400 |
| 452 - 453 | 89°21'20"SE | 25.42                 | 453          | 643,711.613500  | 1,766,997.479600 |
| 453 - 454 | 81°20'39"NE | 25.78                 | 454          | 643,737.104600  | 1,767,001.360100 |
| 454 - 455 | 84°01'32"NE | 25.07                 | 455          | 643,762.037300  | 1,767,003.969300 |
| 455 - 456 | 79°11'38"NE | 21.88                 | 456          | 643,783.527100  | 1,767,008.071000 |
| 456 - 457 | 86°53'09"NE | 23.86                 | 457          | 643,807.353600  | 1,767,009.367200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 457 - 458 | 85°31'11"NE | 42.00                 | 458          | 643,849.229200  | 1,767,012.648200 |
| 458 - 459 | 89°09'40"NE | 25.00                 | 459          | 643,874.224600  | 1,767,013.014100 |
| 459 - 460 | 86°08'38"NE | 25.08                 | 460          | 643,899.245200  | 1,767,014.700500 |
| 460 - 461 | 89°23'19"NE | 55.98                 | 461          | 643,955.226100  | 1,767,015.297700 |
| 461 - 462 | 84°44'17"SE | 23.81                 | 462          | 643,978.935800  | 1,767,013.114200 |
| 462 - 463 | 89°36'25"NE | 21.62                 | 463          | 644,000.552500  | 1,767,013.262400 |
| 463 - 464 | 88°50'58"SE | 29.79                 | 464          | 644,030.332300  | 1,767,012.664400 |
| 464 - 465 | 88°06'01"SE | 29.39                 | 465          | 644,059.709700  | 1,767,011.690100 |
| 465 - 466 | 88°52'24"NE | 27.28                 | 466          | 644,086.988000  | 1,767,012.226500 |
| 466 - 467 | 87°25'59"SE | 27.87                 | 467          | 644,114.827500  | 1,767,010.978500 |
| 467 - 468 | 88°08'14"NE | 29.66                 | 468          | 644,144.469400  | 1,767,011.942500 |
| 468 - 469 | 89°34'27"NE | 58.44                 | 469          | 644,202.911400  | 1,767,012.376600 |
| 469 - 470 | 88°45'18"SE | 27.43                 | 470          | 644,230.330200  | 1,767,011.780800 |
| 470 - 471 | 88°22'05"NE | 21.56                 | 471          | 644,251.883800  | 1,767,012.394800 |
| 471 - 472 | 89°33'39"NE | 58.28                 | 472          | 644,310.162700  | 1,767,012.841500 |
| 472 - 473 | 89°21'36"SE | 24.57                 | 473          | 644,334.729900  | 1,767,012.567100 |
| 473 - 474 | 89°52'40"NE | 50.28                 | 474          | 644,385.013300  | 1,767,012.674300 |
| 474 - 475 | 89°34'09"SE | 31.02                 | 475          | 644,416.033500  | 1,767,012.441100 |
| 475 - 476 | 88°55'48"SE | 27.37                 | 476          | 644,443.394900  | 1,767,011.930100 |
| 476 - 477 | 89°59'34"NE | 31.09                 | 477          | 644,474.486800  | 1,767,011.934000 |
| 477 - 478 | 88°37'55"SE | 22.68                 | 478          | 644,497.162600  | 1,767,011.392500 |
| 478 - 479 | 89°35'50"SE | 111.42                | 479          | 644,608.575500  | 1,767,010.609400 |
| 479 - 480 | 88°16'01"SE | 26.77                 | 480          | 644,635.334200  | 1,767,009.799800 |
| 480 - 481 | 89°26'30"NE | 25.81                 | 481          | 644,661.141500  | 1,767,010.051200 |
| 481 - 482 | 89°19'25"SE | 28.86                 | 482          | 644,689.997900  | 1,767,009.710600 |
| 482 - 483 | 88°59'49"NE | 30.81                 | 483          | 644,720.800900  | 1,767,010.249800 |
| 483 - 484 | 88°39'19"SE | 26.51                 | 484          | 644,747.308100  | 1,767,009.627600 |
| 484 - 485 | 88°09'52"NE | 33.43                 | 485          | 644,780.720700  | 1,767,010.698300 |
| 485 - 486 | 88°55'27"NE | 34.56                 | 486          | 644,815.276600  | 1,767,011.347200 |
| 486 - 487 | 88°54'49"SE | 26.86                 | 487          | 644,842.134700  | 1,767,010.838000 |
| 487 - 488 | 89°32'24"NE | 59.94                 | 488          | 644,902.071700  | 1,767,011.319100 |
| 488 - 489 | 88°10'33"NE | 21.78                 | 489          | 644,923.841900  | 1,767,012.012400 |
| 489 - 490 | 83°00'00"NE | 20.56                 | 490          | 644,944.249400  | 1,767,014.518100 |
| 490 - 491 | 84°30'40"NE | 19.54                 | 491          | 644,963.702500  | 1,767,016.387400 |
| 491 - 492 | 88°23'20"SE | 33.26                 | 492          | 644,996.949400  | 1,767,015.452300 |
| 492 - 493 | 88°20'11"NE | 29.93                 | 493          | 645,026.869800  | 1,767,016.321200 |
| 493 - 494 | 86°06'50"NE | 19.26                 | 494          | 645,046.080900  | 1,767,017.626200 |
| 494 - 495 | 87°39'00"SE | 28.10                 | 495          | 645,074.160200  | 1,767,016.473900 |
| 495 - 496 | 87°15'07"NE | 25.72                 | 496          | 645,099.852900  | 1,767,017.707100 |
| 496 - 497 | 84°50'49"SE | 16.62                 | 497          | 645,116.406900  | 1,767,016.214300 |
| 497 - 498 | 05°20'37"SW | 29.47                 | 498          | 645,113.661900  | 1,766,986.867500 |

A partir de este vértice 498 se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 7,853.90 metros hasta llegar al vértice 499.

|           |             |        |     |                |                  |
|-----------|-------------|--------|-----|----------------|------------------|
|           |             |        | 499 | 637,340.031700 | 1,765,866.840700 |
| 499 - 500 | 07°59'21"NE | 43.07  | 500 | 637,346.018000 | 1,765,909.493300 |
| 500 - 501 | 84°43'50"NW | 11.14  | 501 | 637,334.926000 | 1,765,910.516300 |
| 501 - 502 | 74°03'16"NW | 57.79  | 502 | 637,279.363400 | 1,765,926.391300 |
| 502 - 503 | 67°12'11"NW | 19.80  | 503 | 637,261.107100 | 1,765,934.064300 |
| 503 - 504 | 79°59'31"NW | 68.51  | 504 | 637,193.638200 | 1,765,945.970600 |
| 504 - 505 | 78°25'29"NW | 112.08 | 505 | 637,083.835900 | 1,765,968.460100 |
| 505 - 506 | 77°54'18"NW | 75.77  | 506 | 637,009.752500 | 1,765,984.335100 |
| 506 - 507 | 79°02'44"NW | 83.54  | 507 | 636,927.731500 | 1,766,000.210300 |
| 507 - 508 | 80°47'20"NW | 49.59  | 508 | 636,878.783400 | 1,766,008.147800 |
| 508 - 509 | 77°11'44"NW | 29.85  | 509 | 636,849.679200 | 1,766,014.762400 |
| 509 - 510 | 72°53'50"NW | 35.99  | 510 | 636,815.283300 | 1,766,025.345700 |
| 510 - 511 | 83°39'35"NW | 59.90  | 511 | 636,755.752000 | 1,766,031.960300 |
| 511 - 512 | 77°16'32"NW | 42.04  | 512 | 636,714.741500 | 1,766,041.220800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 512 - 513 | 81°23'04"NW | 44.15                 | 513          | 636,671.085100  | 1,766,047.835300 |
| 513 - 514 | 79°49'28"NW | 52.42                 | 514          | 636,619.491300  | 1,766,057.095700 |
| 514 - 515 | 78°55'46"NW | 62.01                 | 515          | 636,558.637000  | 1,766,069.002100 |
| 515 - 516 | 76°36'26"NW | 57.12                 | 516          | 636,503.074400  | 1,766,082.231300 |
| 516 - 517 | 80°32'16"NW | 48.28                 | 517          | 636,455.449300  | 1,766,090.168700 |
| 517 - 518 | 77°11'44"NW | 59.69                 | 518          | 636,397.240800  | 1,766,103.398000 |
| 518 - 519 | 79°12'57"NW | 28.28                 | 519          | 636,369.459500  | 1,766,108.689600 |
| 519 - 520 | 81°15'13"NW | 34.80                 | 520          | 636,335.063600  | 1,766,113.981300 |
| 520 - 521 | 76°42'05"NW | 74.77                 | 521          | 636,262.303000  | 1,766,131.179200 |
| 521 - 522 | 81°05'06"NW | 68.29                 | 522          | 636,194.834200  | 1,766,141.762500 |
| 522 - 523 | 81°25'14"NW | 62.08                 | 523          | 636,133.450700  | 1,766,151.023100 |
| 523 - 524 | 73°36'37"NW | 46.88                 | 524          | 636,088.471400  | 1,766,164.252300 |
| 524 - 525 | 75°22'44"NW | 31.45                 | 525          | 636,058.044300  | 1,766,172.189800 |
| 525 - 526 | 81°19'37"NW | 78.96                 | 526          | 635,979.992100  | 1,766,184.095900 |
| 526 - 527 | 79°22'48"NW | 86.14                 | 527          | 635,895.325200  | 1,766,199.971100 |
| 527 - 528 | 77°54'19"NW | 56.82                 | 528          | 635,839.762600  | 1,766,211.877300 |
| 528 - 529 | 74°44'41"NW | 60.33                 | 529          | 635,781.554200  | 1,766,227.752300 |
| 529 - 530 | 79°33'45"NW | 51.12                 | 530          | 635,731.283200  | 1,766,237.012700 |
| 530 - 531 | 77°44'06"NW | 62.28                 | 531          | 635,670.428900  | 1,766,250.242000 |
| 531 - 532 | 81°38'02"NW | 45.46                 | 532          | 635,625.449700  | 1,766,256.856600 |
| 532 - 533 | 84°33'35"NW | 55.81                 | 533          | 635,569.887100  | 1,766,262.148200 |
| 533 - 534 | 78°16'00"NW | 175.65                | 534          | 635,397.907600  | 1,766,297.867000 |
| 534 - 535 | 83°46'27"NW | 73.19                 | 535          | 635,325.147000  | 1,766,305.804500 |
| 535 - 536 | 75°40'37"NW | 64.17                 | 536          | 635,262.969800  | 1,766,321.679700 |
| 536 - 537 | 79°32'24"NW | 87.44                 | 537          | 635,176.980000  | 1,766,337.554700 |
| 537 - 538 | 79°50'44"NW | 90.05                 | 538          | 635,088.344400  | 1,766,353.429700 |
| 538 - 539 | 78°10'42"NW | 58.12                 | 539          | 635,031.458900  | 1,766,365.335900 |
| 539 - 540 | 78°57'32"NW | 55.26                 | 540          | 634,977.219200  | 1,766,375.919200 |
| 540 - 541 | 75°57'48"NW | 32.73                 | 541          | 634,945.469200  | 1,766,383.856900 |
| 541 - 542 | 83°28'49"NW | 46.60                 | 542          | 634,899.167000  | 1,766,389.148400 |
| 542 - 543 | 76°49'38"NW | 63.86                 | 543          | 634,836.989800  | 1,766,403.700500 |
| 543 - 544 | 83°07'05"NW | 77.29                 | 544          | 634,760.260500  | 1,766,412.961100 |
| 544 - 545 | 81°44'06"NW | 55.68                 | 545          | 634,705.160900  | 1,766,420.964700 |
| 545 - 546 | 80°41'24"NW | 49.07                 | 546          | 634,656.742000  | 1,766,428.902200 |
| 546 - 547 | 77°00'19"NW | 52.95                 | 547          | 634,605.148200  | 1,766,440.808500 |
| 547 - 548 | 82°42'39"NW | 68.82                 | 548          | 634,536.885500  | 1,766,449.539800 |
| 548 - 549 | 78°41'24"NW | 68.81                 | 549          | 634,469.416600  | 1,766,463.033600 |
| 549 - 550 | 82°19'59"NW | 83.29                 | 550          | 634,386.866500  | 1,766,474.146100 |
| 550 - 551 | 78°31'49"NW | 55.88                 | 551          | 634,332.097600  | 1,766,485.258600 |
| 551 - 552 | 83°39'35"NW | 64.69                 | 552          | 634,267.803700  | 1,766,492.402300 |
| 552 - 553 | 78°55'02"NW | 78.46                 | 553          | 634,190.809800  | 1,766,507.483700 |
| 553 - 554 | 81°26'21"NW | 74.65                 | 554          | 634,116.990900  | 1,766,518.596100 |
| 554 - 555 | 82°02'32"NW | 74.54                 | 555          | 634,043.172000  | 1,766,528.914900 |
| 555 - 556 | 80°17'36"NW | 61.20                 | 556          | 633,982.846900  | 1,766,539.233600 |
| 556 - 557 | 84°11'35"NW | 47.07                 | 557          | 633,936.015600  | 1,766,543.996200 |
| 557 - 558 | 79°09'05"NW | 46.39                 | 558          | 633,890.454200  | 1,766,552.727400 |
| 558 - 559 | 83°46'26"NW | 43.92                 | 559          | 633,846.797900  | 1,766,557.490000 |
| 559 - 560 | 81°31'44"NW | 75.44                 | 560          | 633,772.185300  | 1,766,568.602400 |
| 560 - 561 | 83°25'04"NW | 62.32                 | 561          | 633,710.272600  | 1,766,575.746200 |
| 561 - 562 | 81°03'51"NW | 127.76                | 562          | 633,584.066100  | 1,766,595.590000 |
| 562 - 563 | 82°35'35"NW | 80.04                 | 563          | 633,504.691000  | 1,766,605.908800 |
| 563 - 564 | 83°30'33"NW | 133.41                | 564          | 633,372.134500  | 1,766,620.990100 |
| 564 - 565 | 78°54'22"NW | 41.25                 | 565          | 633,331.653100  | 1,766,628.927700 |
| 565 - 566 | 82°36'50"NW | 43.22                 | 566          | 633,288.790500  | 1,766,634.483900 |
| 566 - 567 | 84°58'48"NW | 117.93                | 567          | 633,171.315300  | 1,766,644.802600 |
| 567 - 568 | 82°24'19"NW | 48.05                 | 568          | 633,123.690200  | 1,766,651.152600 |
| 568 - 569 | 81°43'52"NW | 78.93                 | 569          | 633,045.585100  | 1,766,662.503400 |

| Est-PV                                                                                                                                                                               | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                      |             |                       |              | X               | Y                |
| 569 - 570                                                                                                                                                                            | 86°00'33"NW | 102.64                | 570          | 632,943.191100  | 1,766,669.647000 |
| 570 - 571                                                                                                                                                                            | 80°52'55"NW | 65.12                 | 571          | 632,878.897200  | 1,766,679.965900 |
| 571 - 572                                                                                                                                                                            | 86°38'01"NW | 54.07                 | 572          | 632,824.922100  | 1,766,683.140800 |
| 572 - 573                                                                                                                                                                            | 85°54'51"NW | 77.99                 | 573          | 632,747.134500  | 1,766,688.697200 |
| 573 - 574                                                                                                                                                                            | 83°55'39"NW | 75.03                 | 574          | 632,672.521800  | 1,766,696.634600 |
| 574 - 575                                                                                                                                                                            | 82°31'42"NW | 97.67                 | 575          | 632,575.684100  | 1,766,709.334700 |
| 575 - 576                                                                                                                                                                            | 88°23'11"NW | 56.38                 | 576          | 632,519.327700  | 1,766,710.922100 |
| 576 - 577                                                                                                                                                                            | 82°45'46"NW | 50.41                 | 577          | 632,469.321400  | 1,766,717.272200 |
| 577 - 578                                                                                                                                                                            | 84°57'27"NW | 54.18                 | 578          | 632,415.346300  | 1,766,722.034600 |
| 578 - 579                                                                                                                                                                            | 83°46'26"NW | 43.92                 | 579          | 632,371.690000  | 1,766,726.797200 |
| 579 - 580                                                                                                                                                                            | 83°12'39"NW | 67.15                 | 580          | 632,305.014800  | 1,766,734.734700 |
| 580 - 581                                                                                                                                                                            | 82°52'30"NW | 44.80                 | 581          | 632,260.564700  | 1,766,740.290900 |
| 581 - 582                                                                                                                                                                            | 87°59'25"NW | 45.27                 | 582          | 632,215.320900  | 1,766,741.878500 |
| 582 - 583                                                                                                                                                                            | 83°26'35"NW | 83.41                 | 583          | 632,132.453200  | 1,766,751.403500 |
| 583 - 584                                                                                                                                                                            | 86°59'14"NW | 30.20                 | 584          | 632,102.290700  | 1,766,752.990900 |
| 584 - 585                                                                                                                                                                            | 79°06'51"NW | 42.03                 | 585          | 632,061.015600  | 1,766,760.928600 |
| 585 - 586                                                                                                                                                                            | 81°28'09"NW | 48.16                 | 586          | 632,013.390500  | 1,766,768.072300 |
| 586 - 587                                                                                                                                                                            | 82°00'38"NW | 45.69                 | 587          | 631,968.146600  | 1,766,774.422300 |
| 587 - 588                                                                                                                                                                            | 77°39'38"NW | 26.00                 | 588          | 631,942.746600  | 1,766,779.978600 |
| 588 - 589                                                                                                                                                                            | 71°04'32"NW | 29.37                 | 589          | 631,914.965300  | 1,766,789.503500 |
| 589 - 590                                                                                                                                                                            | 76°15'03"NW | 76.81                 | 590          | 631,840.352600  | 1,766,807.759900 |
| 590 - 591                                                                                                                                                                            | 78°41'24"NW | 48.57                 | 591          | 631,792.727500  | 1,766,817.284900 |
| 591 - 592                                                                                                                                                                            | 75°57'49"NW | 22.91                 | 592          | 631,770.502500  | 1,766,822.841200 |
| 592 - 593                                                                                                                                                                            | 76°45'34"NW | 41.59                 | 593          | 631,730.021200  | 1,766,832.366200 |
| 593 - 594                                                                                                                                                                            | 88°29'32"SW | 15.09                 | 594          | 631,714.939900  | 1,766,831.969300 |
| 594 - 595                                                                                                                                                                            | 71°33'54"NW | 30.12                 | 595          | 631,686.364800  | 1,766,841.494300 |
| 595 - 596                                                                                                                                                                            | 74°36'15"NW | 56.81                 | 596          | 631,631.596000  | 1,766,856.575600 |
| 596 - 597                                                                                                                                                                            | 70°38'27"NW | 62.26                 | 597          | 631,572.858400  | 1,766,877.213100 |
| 597 - 598                                                                                                                                                                            | 72°50'17"NW | 56.49                 | 598          | 631,518.883200  | 1,766,893.881800 |
| 598 - 599                                                                                                                                                                            | 63°26'05"NW | 51.47                 | 599          | 631,472.845700  | 1,766,916.900600 |
| 599 - 600                                                                                                                                                                            | 69°26'37"NW | 27.13                 | 600          | 631,447.445600  | 1,766,926.425700 |
| 600 - 601                                                                                                                                                                            | 83°20'43"NW | 47.95                 | 601          | 631,399.820500  | 1,766,931.982000 |
| 601 - 602                                                                                                                                                                            | 74°13'09"NW | 37.94                 | 602          | 631,363.307900  | 1,766,942.300700 |
| 602 - 603                                                                                                                                                                            | 70°56'01"NW | 36.45                 | 603          | 631,328.859100  | 1,766,954.207000 |
| 603 - 604                                                                                                                                                                            | 76°36'26"NW | 34.27                 | 604          | 631,295.521600  | 1,766,962.144600 |
| 604 - 605                                                                                                                                                                            | 68°11'55"NW | 55.57                 | 605          | 631,243.927700  | 1,766,982.782100 |
| 605 - 606                                                                                                                                                                            | 69°32'37"NW | 106.74                | 606          | 631,143.915000  | 1,767,020.088300 |
| 606 - 607                                                                                                                                                                            | 67°37'10"NW | 58.37                 | 607          | 631,089.939900  | 1,767,042.313500 |
| 607 - 608                                                                                                                                                                            | 62°11'55"NW | 49.35                 | 608          | 631,046.283600  | 1,767,065.332200 |
| 608 - 609                                                                                                                                                                            | 74°16'04"NW | 58.55                 | 609          | 630,989.927200  | 1,767,081.207300 |
| 609 - 610                                                                                                                                                                            | 76°20'07"NW | 89.04                 | 610          | 630,903.408300  | 1,767,102.241600 |
| 610 - 611                                                                                                                                                                            | 72°51'44"NW | 81.66                 | 611          | 630,825.373500  | 1,767,126.304400 |
| 611 - 612                                                                                                                                                                            | 18°31'14"SW | 34.85                 | 612          | 630,814.303200  | 1,767,093.258600 |
| A partir de este vértice 612 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1,680.46 metros hasta llegar al vértice 613. |             |                       |              |                 |                  |
|                                                                                                                                                                                      |             |                       | 613          | 629,375.217200  | 1,767,961.010100 |
| 613 - 614                                                                                                                                                                            | 84°44'21"NE | 41.97                 | 614          | 629,417.010000  | 1,767,964.858100 |
| 614 - 615                                                                                                                                                                            | 78°13'53"NE | 32.43                 | 615          | 629,448.760100  | 1,767,971.472800 |
| 615 - 616                                                                                                                                                                            | 89°14'00"SE | 17.32                 | 616          | 629,466.082900  | 1,767,971.241000 |
| 616 - 617                                                                                                                                                                            | 37°11'04"NW | 28.89                 | 617          | 629,448.620400  | 1,767,994.259800 |
| 617 - 618                                                                                                                                                                            | 47°07'15"NW | 60.66                 | 618          | 629,404.170300  | 1,768,035.534900 |
| 618 - 619                                                                                                                                                                            | 45°46'27"NW | 83.08                 | 619          | 629,344.638900  | 1,768,093.478700 |
| 619 - 620                                                                                                                                                                            | 54°01'39"NW | 60.81                 | 620          | 629,295.426300  | 1,768,129.197500 |
| 620 - 621                                                                                                                                                                            | 42°56'20"NW | 51.50                 | 621          | 629,260.342500  | 1,768,166.900600 |
| 621 - 622                                                                                                                                                                            | 41°52'40"NW | 61.83                 | 622          | 629,219.067400  | 1,768,212.938300 |
| 622 - 623                                                                                                                                                                            | 52°13'27"NW | 80.34                 | 623          | 629,155.567300  | 1,768,262.150900 |
| 623 - 624                                                                                                                                                                            | 55°12'14"NW | 57.03                 | 624          | 629,108.735900  | 1,768,294.694600 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 624 - 625 | 51°20'24"NW | 60.99                 | 625          | 629,061.110800  | 1,768,332.794700 |
| 625 - 626 | 59°52'32"NW | 74.33                 | 626          | 628,996.817000  | 1,768,370.101000 |
| 626 - 627 | 59°14'14"NW | 77.59                 | 627          | 628,930.141800  | 1,768,409.788700 |
| 627 - 628 | 61°55'38"NW | 80.96                 | 628          | 628,858.704200  | 1,768,447.888800 |
| 628 - 629 | 58°52'39"NW | 49.14                 | 629          | 628,816.635300  | 1,768,473.288900 |
| 629 - 630 | 55°18'17"NW | 25.10                 | 630          | 628,795.997800  | 1,768,487.576400 |
| 630 - 631 | 61°36'25"NW | 33.38                 | 631          | 628,766.629000  | 1,768,503.451400 |
| 631 - 632 | 29°01'44"NW | 17.34                 | 632          | 628,758.215200  | 1,768,518.612100 |
| 632 - 633 | 58°56'05"NW | 76.91                 | 633          | 628,692.333800  | 1,768,558.299600 |
| 633 - 634 | 59°55'53"NW | 52.28                 | 634          | 628,647.090000  | 1,768,584.493400 |
| 634 - 635 | 55°24'27"NW | 27.96                 | 635          | 628,624.071200  | 1,768,600.368400 |
| 635 - 636 | 52°45'54"NW | 24.92                 | 636          | 628,604.227400  | 1,768,615.449700 |
| 636 - 637 | 62°09'08"NW | 47.58                 | 637          | 628,562.158600  | 1,768,637.674700 |
| 637 - 638 | 69°04'31"NW | 28.89                 | 638          | 628,535.171000  | 1,768,647.993600 |
| 638 - 639 | 51°57'10"NW | 23.18                 | 639          | 628,516.914700  | 1,768,662.281100 |
| 639 - 640 | 56°53'18"NW | 21.80                 | 640          | 628,498.658500  | 1,768,674.187400 |
| 640 - 641 | 75°04'05"SW | 12.32                 | 641          | 628,486.752200  | 1,768,671.012300 |
| 641 - 642 | 77°11'44"NW | 17.91                 | 642          | 628,469.289600  | 1,768,674.981100 |
| 642 - 643 | 42°16'24"NW | 23.60                 | 643          | 628,453.414600  | 1,768,692.443700 |
| 643 - 644 | 58°42'24"NW | 47.37                 | 644          | 628,412.933300  | 1,768,717.050000 |
| 644 - 645 | 54°07'05"NW | 13.80                 | 645          | 628,401.750400  | 1,768,725.139700 |
| 645 - 646 | 63°04'23"NW | 182.38                | 646          | 628,239.142800  | 1,768,807.730700 |
| 646 - 647 | 26°33'54"NW | 10.98                 | 647          | 628,234.232900  | 1,768,817.550500 |
| 647 - 648 | 24°21'31"SW | 57.90                 | 648          | 628,210.352200  | 1,768,764.805200 |
| 648 - 649 | 52°55'39"NW | 108.61                | 649          | 628,123.691400  | 1,768,830.280300 |
| 649 - 650 | 46°10'09"NW | 9.33                  | 650          | 628,116.960000  | 1,768,836.742400 |
| 650 - 651 | 62°52'29"NE | 50.76                 | 651          | 628,162.133800  | 1,768,859.883900 |
| 651 - 652 | 79°12'58"NE | 14.14                 | 652          | 628,176.024500  | 1,768,862.529600 |
| 652 - 653 | 60°56'42"NE | 15.52                 | 653          | 628,189.592600  | 1,768,870.067500 |
| 653 - 654 | 55°12'04"NW | 47.12                 | 654          | 628,150.899000  | 1,768,896.959000 |
| 654 - 655 | 44°59'02"NW | 45.27                 | 655          | 628,118.896800  | 1,768,928.978900 |
| 655 - 656 | 49°41'09"NW | 33.37                 | 656          | 628,093.448300  | 1,768,950.571600 |
| 656 - 657 | 41°59'13"NW | 32.04                 | 657          | 628,072.017000  | 1,768,974.384200 |
| 657 - 658 | 53°58'21"NW | 43.18                 | 658          | 628,037.091900  | 1,768,999.784300 |
| 658 - 659 | 56°27'31"NW | 84.76                 | 659          | 627,966.448000  | 1,769,046.615500 |
| 659 - 660 | 53°57'47"NW | 105.91                | 660          | 627,880.802200  | 1,769,108.925100 |
| 660 - 661 | 59°14'14"NW | 38.80                 | 661          | 627,847.464700  | 1,769,128.768800 |
| 661 - 662 | 58°31'22"NW | 45.60                 | 662          | 627,808.570800  | 1,769,152.581500 |
| 662 - 663 | 59°22'53"NW | 45.20                 | 663          | 627,769.677000  | 1,769,175.600200 |
| 663 - 664 | 58°23'32"NW | 60.58                 | 664          | 627,718.083100  | 1,769,207.350300 |
| 664 - 665 | 59°27'08"NW | 56.22                 | 665          | 627,669.664300  | 1,769,235.925400 |
| 665 - 666 | 58°08'02"NW | 34.58                 | 666          | 627,640.295500  | 1,769,254.181600 |
| 666 - 667 | 52°41'45"NW | 20.96                 | 667          | 627,623.626700  | 1,769,266.881700 |
| 667 - 668 | 60°31'27"NW | 20.97                 | 668          | 627,605.370400  | 1,769,277.200400 |
| 668 - 669 | 55°47'04"NW | 24.00                 | 669          | 627,585.526600  | 1,769,290.694100 |
| 669 - 670 | 29°03'15"NW | 16.34                 | 670          | 627,577.589100  | 1,769,304.981800 |
| 670 - 671 | 72°38'46"NW | 13.31                 | 671          | 627,564.889100  | 1,769,308.950500 |
| 671 - 672 | 81°01'39"NW | 15.27                 | 672          | 627,549.807800  | 1,769,311.331700 |
| 672 - 673 | 62°21'14"NW | 18.82                 | 673          | 627,533.139000  | 1,769,320.063000 |
| 673 - 674 | 42°08'15"NW | 22.48                 | 674          | 627,518.057700  | 1,769,336.731700 |
| 674 - 675 | 87°23'52"SW | 17.48                 | 675          | 627,500.595200  | 1,769,335.938100 |
| 675 - 676 | 53°44'46"NW | 29.53                 | 676          | 627,476.782700  | 1,769,353.400600 |
| 676 - 677 | 54°38'15"NW | 30.17                 | 677          | 627,452.176400  | 1,769,370.863000 |
| 677 - 678 | 55°47'13"NW | 34.59                 | 678          | 627,423.574800  | 1,769,390.310000 |
| 678 - 679 | 54°30'57"NW | 82.04                 | 679          | 627,356.767400  | 1,769,437.935100 |
| 679 - 680 | 55°13'51"NW | 97.43                 | 680          | 627,276.730800  | 1,769,493.497800 |
| 680 - 681 | 54°58'30"NW | 94.51                 | 681          | 627,199.340000  | 1,769,547.737400 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 681 - 682 | 58°57'42"NW | 87.23                 | 682          | 627,124.595100  | 1,769,592.716600 |
| 682 - 683 | 57°38'43"NW | 29.91                 | 683          | 627,099.327300  | 1,769,608.724000 |
| 683 - 684 | 60°56'43"NW | 61.29                 | 684          | 627,045.749100  | 1,769,638.489700 |
| 684 - 685 | 66°25'31"NW | 39.69                 | 685          | 627,009.368800  | 1,769,654.364700 |
| 685 - 686 | 63°26'06"NW | 44.37                 | 686          | 626,969.681200  | 1,769,674.208400 |
| 686 - 687 | 60°24'27"NW | 61.62                 | 687          | 626,916.103000  | 1,769,704.635700 |
| 687 - 688 | 71°33'53"NW | 27.19                 | 688          | 626,890.306100  | 1,769,713.234700 |
| 688 - 689 | 87°57'16"SW | 18.53                 | 689          | 626,871.785200  | 1,769,712.573200 |
| 689 - 690 | 76°25'46"NW | 39.47                 | 690          | 626,833.420500  | 1,769,721.833600 |
| 690 - 691 | 66°56'18"NW | 72.61                 | 691          | 626,766.613100  | 1,769,750.276400 |
| 691 - 692 | 76°14'21"NW | 66.74                 | 692          | 626,701.790100  | 1,769,766.151400 |
| 692 - 693 | 73°07'25"NW | 61.52                 | 693          | 626,642.920200  | 1,769,784.010800 |
| 693 - 694 | 70°36'08"NW | 49.79                 | 694          | 626,595.956500  | 1,769,800.547200 |
| 694 - 695 | 70°00'17"NW | 53.78                 | 695          | 626,545.421000  | 1,769,818.935900 |
| 695 - 696 | 71°13'19"NW | 34.93                 | 696          | 626,512.348000  | 1,769,830.180700 |
| 696 - 697 | 67°59'18"NW | 33.53                 | 697          | 626,481.259400  | 1,769,842.748500 |
| 697 - 698 | 66°35'43"NW | 48.29                 | 698          | 626,436.941600  | 1,769,861.930700 |
| 698 - 699 | 69°46'30"NW | 53.57                 | 699          | 626,386.670700  | 1,769,880.451600 |
| 699 - 700 | 66°15'01"NW | 36.13                 | 700          | 626,353.597700  | 1,769,895.003800 |
| 700 - 701 | 64°08'01"NW | 24.26                 | 701          | 626,331.769500  | 1,769,905.587100 |
| 701 - 702 | 66°30'05"NW | 49.77                 | 702          | 626,286.128800  | 1,769,925.430900 |
| 702 - 703 | 65°36'48"NW | 54.47                 | 703          | 626,236.519300  | 1,769,947.920600 |
| 703 - 704 | 68°18'17"NW | 66.21                 | 704          | 626,175.003600  | 1,769,972.394600 |
| 704 - 705 | 49°45'49"NW | 22.53                 | 705          | 626,157.805700  | 1,769,986.946600 |
| 705 - 706 | 31°36'27"NW | 10.10                 | 706          | 626,152.514000  | 1,769,995.545600 |
| 706 - 707 | 11°18'36"NW | 10.12                 | 707          | 626,150.529600  | 1,770,005.467500 |
| 707 - 708 | 83°39'35"SW | 11.98                 | 708          | 626,138.623300  | 1,770,004.144600 |
| 708 - 709 | 54°27'43"SW | 11.38                 | 709          | 626,129.362900  | 1,769,997.530000 |
| 709 - 710 | 66°48'04"NW | 15.11                 | 710          | 626,115.472200  | 1,770,003.483200 |
| 710 - 711 | 63°08'17"NW | 57.09                 | 711          | 626,064.539800  | 1,770,029.280000 |
| 711 - 712 | 65°02'13"NW | 42.32                 | 712          | 626,026.175200  | 1,770,047.139500 |
| 712 - 713 | 59°02'10"NW | 38.57                 | 713          | 625,993.102200  | 1,770,066.983200 |
| 713 - 714 | 71°47'56"NW | 30.71                 | 714          | 625,963.931800  | 1,770,076.574500 |
| 714 - 715 | 56°53'19"NW | 36.33                 | 715          | 625,933.504700  | 1,770,096.418200 |
| 715 - 716 | 64°15'33"NW | 41.12                 | 716          | 625,896.462900  | 1,770,114.277700 |
| 716 - 717 | 63°11'20"NW | 68.93                 | 717          | 625,834.947200  | 1,770,145.366300 |
| 717 - 718 | 55°40'11"NW | 65.68                 | 718          | 625,780.707500  | 1,770,182.408000 |
| 718 - 719 | 46°10'09"NW | 22.92                 | 719          | 625,764.171000  | 1,770,198.283000 |
| 719 - 720 | 80°32'16"NW | 16.09                 | 720          | 625,748.296000  | 1,770,200.928800 |
| 720 - 721 | 69°16'27"NW | 26.17                 | 721          | 625,723.822000  | 1,770,210.189300 |
| 721 - 722 | 64°59'00"NW | 21.90                 | 722          | 625,703.978200  | 1,770,219.449600 |
| 722 - 723 | 74°21'26"NW | 17.17                 | 723          | 625,687.441700  | 1,770,224.079900 |
| 723 - 724 | 42°42'34"NW | 11.70                 | 724          | 625,679.504200  | 1,770,232.678800 |
| 724 - 725 | 44°59'58"NW | 11.23                 | 725          | 625,671.566700  | 1,770,240.616400 |
| 725 - 726 | 64°17'25"NW | 19.82                 | 726          | 625,653.707200  | 1,770,249.215300 |
| 726 - 727 | 62°38'59"NW | 21.60                 | 727          | 625,634.524900  | 1,770,259.137300 |
| 727 - 728 | 45°00'00"NW | 4.68                  | 728          | 625,631.217600  | 1,770,262.444600 |
| 728 - 729 | 86°03'17"SW | 19.23                 | 729          | 625,612.035300  | 1,770,261.121700 |
| 729 - 730 | 69°49'45"NW | 34.53                 | 730          | 625,579.623800  | 1,770,273.028000 |
| 730 - 731 | 62°31'32"NW | 55.92                 | 731          | 625,530.014300  | 1,770,298.824800 |
| 731 - 732 | 58°57'47"NW | 35.67                 | 732          | 625,499.454900  | 1,770,317.213500 |
| 732 - 733 | 66°54'54"NW | 43.86                 | 733          | 625,459.105800  | 1,770,334.411300 |
| 733 - 734 | 59°28'12"NW | 29.95                 | 734          | 625,433.308900  | 1,770,349.625000 |
| 734 - 735 | 41°38'00"NW | 31.86                 | 735          | 625,412.142200  | 1,770,373.437500 |
| 735 - 736 | 59°51'31"NW | 23.71                 | 736          | 625,391.636900  | 1,770,385.343700 |
| 736 - 737 | 65°09'27"NW | 39.36                 | 737          | 625,355.918100  | 1,770,401.880200 |
| 737 - 738 | 60°31'25"NW | 34.95                 | 738          | 625,325.491000  | 1,770,419.078300 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 738 - 739 | 61°37'51"NW | 37.59                 | 739          | 625,292.418000  | 1,770,436.937700 |
| 739 - 740 | 53°07'48"NW | 33.07                 | 740          | 625,265.959600  | 1,770,456.781400 |
| 740 - 741 | 52°18'19"NW | 18.39                 | 741          | 625,251.407500  | 1,770,468.026300 |
| 741 - 742 | 66°26'51"NW | 28.14                 | 742          | 625,225.610600  | 1,770,479.271100 |
| 742 - 743 | 60°15'18"NW | 16.00                 | 743          | 625,211.719900  | 1,770,487.208600 |
| 743 - 744 | 47°17'27"NW | 11.70                 | 744          | 625,203.120900  | 1,770,495.146000 |
| 744 - 745 | 44°59'58"NW | 11.23                 | 745          | 625,195.183400  | 1,770,503.083600 |
| 745 - 746 | 58°40'46"NW | 16.41                 | 746          | 625,181.160500  | 1,770,511.616500 |
| 746 - 747 | 65°41'44"NW | 22.50                 | 747          | 625,160.655200  | 1,770,520.876800 |
| 747 - 748 | 68°44'57"NW | 25.55                 | 748          | 625,136.842700  | 1,770,530.137300 |
| 748 - 749 | 73°44'23"NW | 16.54                 | 749          | 625,120.967600  | 1,770,534.767500 |
| 749 - 750 | 47°43'32"NW | 9.83                  | 750          | 625,113.691600  | 1,770,541.382200 |
| 750 - 751 | 41°00'33"NW | 20.16                 | 751          | 625,100.462400  | 1,770,556.595600 |
| 751 - 752 | 53°28'16"NW | 22.23                 | 752          | 625,082.603000  | 1,770,569.824800 |
| 752 - 753 | 30°04'06"NW | 14.52                 | 753          | 625,075.326900  | 1,770,582.392700 |
| 753 - 754 | 79°59'32"NW | 11.42                 | 754          | 625,064.082100  | 1,770,584.377000 |
| 754 - 755 | 61°23'22"NW | 16.58                 | 755          | 625,049.530000  | 1,770,592.314500 |
| 755 - 756 | 54°27'44"NW | 28.45                 | 756          | 625,026.378900  | 1,770,608.851000 |
| 756 - 757 | 56°18'35"NW | 31.00                 | 757          | 625,000.582000  | 1,770,626.049000 |
| 757 - 758 | 46°23'50"NW | 19.18                 | 758          | 624,986.691300  | 1,770,639.278200 |
| 758 - 759 | 84°38'38"SW | 21.26                 | 759          | 624,965.524600  | 1,770,637.293800 |
| 759 - 760 | 40°01'48"NW | 21.60                 | 760          | 624,951.634000  | 1,770,653.830300 |
| 760 - 761 | 77°58'26"NW | 26.98                 | 761          | 624,925.241700  | 1,770,659.452600 |
| 761 - 762 | 44°05'25"NW | 29.47                 | 762          | 624,904.736500  | 1,770,680.619400 |
| 762 - 763 | 37°28'34"NW | 25.00                 | 763          | 624,889.522900  | 1,770,700.463100 |
| 763 - 764 | 53°48'23"NW | 33.60                 | 764          | 624,862.403100  | 1,770,720.307000 |
| 764 - 765 | 64°23'52"NW | 35.21                 | 765          | 624,830.653000  | 1,770,735.520500 |
| 765 - 766 | 67°40'17"NW | 40.04                 | 766          | 624,793.611300  | 1,770,750.734000 |
| 766 - 767 | 47°29'22"NW | 21.54                 | 767          | 624,777.736200  | 1,770,765.286100 |
| 767 - 768 | 64°03'26"NW | 27.22                 | 768          | 624,753.262200  | 1,770,777.192500 |
| 768 - 769 | 46°58'29"NW | 13.57                 | 769          | 624,743.340300  | 1,770,786.453000 |
| 769 - 770 | 61°06'48"NW | 43.82                 | 770          | 624,704.975700  | 1,770,807.619600 |
| 770 - 771 | 59°39'24"NW | 31.42                 | 771          | 624,677.855800  | 1,770,823.494600 |
| 771 - 772 | 62°39'00"NW | 21.60                 | 772          | 624,658.673500  | 1,770,833.416500 |
| 772 - 773 | 27°53'50"NW | 25.45                 | 773          | 624,646.767200  | 1,770,855.906100 |
| 773 - 774 | 41°59'13"NW | 17.80                 | 774          | 624,634.860900  | 1,770,869.135400 |
| 774 - 775 | 64°39'14"NW | 27.81                 | 775          | 624,609.725500  | 1,770,881.041600 |
| 775 - 776 | 62°06'09"NW | 25.45                 | 776          | 624,587.235800  | 1,770,892.948000 |
| 776 - 777 | 54°05'25"NW | 23.68                 | 777          | 624,568.053500  | 1,770,906.838600 |
| 777 - 778 | 59°02'11"NW | 34.71                 | 778          | 624,538.287800  | 1,770,924.697900 |
| 778 - 779 | 55°49'51"NW | 24.14                 | 779          | 624,518.311700  | 1,770,938.257900 |
| 779 - 780 | 44°59'59"NW | 24.32                 | 780          | 624,501.113800  | 1,770,955.455900 |
| 780 - 781 | 64°03'28"NW | 27.22                 | 781          | 624,476.639800  | 1,770,967.362100 |
| 781 - 782 | 38°59'27"NW | 17.87                 | 782          | 624,465.395000  | 1,770,981.252800 |
| 782 - 783 | 72°53'50"NW | 17.99                 | 783          | 624,448.197000  | 1,770,986.544500 |
| 783 - 784 | 76°27'51"NW | 36.74                 | 784          | 624,412.478200  | 1,770,995.143400 |
| 784 - 785 | 53°50'30"NW | 21.30                 | 785          | 624,395.280300  | 1,771,007.711100 |
| 785 - 786 | 33°41'23"NW | 11.92                 | 786          | 624,388.665700  | 1,771,017.633100 |
| 786 - 787 | 43°36'10"NW | 19.18                 | 787          | 624,375.436500  | 1,771,031.523700 |
| 787 - 788 | 61°30'15"NW | 26.34                 | 788          | 624,352.285400  | 1,771,044.091500 |
| 788 - 789 | 64°26'25"NW | 16.86                 | 789          | 624,337.071800  | 1,771,051.367400 |
| 789 - 790 | 60°56'43"NW | 20.43                 | 790          | 624,319.212400  | 1,771,061.289300 |
| 790 - 791 | 63°26'05"NW | 35.50                 | 791          | 624,287.462300  | 1,771,077.164500 |
| 791 - 792 | 47°51'44"NW | 18.73                 | 792          | 624,273.571700  | 1,771,089.732200 |
| 792 - 793 | 54°05'25"NW | 23.68                 | 793          | 624,254.389300  | 1,771,103.622900 |
| 793 - 794 | 53°07'48"NW | 26.46                 | 794          | 624,233.222600  | 1,771,119.497900 |
| 794 - 795 | 58°19'28"NW | 36.53                 | 795          | 624,202.134000  | 1,771,138.680100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 795 - 796 | 59°48'30"NW | 42.09                 | 796          | 624,165.753700  | 1,771,159.846800 |
| 796 - 797 | 50°02'32"NW | 31.93                 | 797          | 624,141.279700  | 1,771,180.352200 |
| 797 - 798 | 58°43'20"NW | 41.41                 | 798          | 624,105.891700  | 1,771,201.849600 |
| 798 - 799 | 67°18'22"NW | 39.43                 | 799          | 624,069.511400  | 1,771,217.063200 |
| 799 - 800 | 55°22'33"NW | 33.76                 | 800          | 624,041.730100  | 1,771,236.245500 |
| 800 - 801 | 61°17'38"NW | 31.67                 | 801          | 624,013.948800  | 1,771,251.459100 |
| 801 - 802 | 54°17'36"NW | 26.07                 | 802          | 623,992.782000  | 1,771,266.672700 |
| 802 - 803 | 68°57'45"NW | 18.43                 | 803          | 623,975.584100  | 1,771,273.287200 |
| 803 - 804 | 50°11'39"NW | 31.00                 | 804          | 623,951.771600  | 1,771,293.131100 |
| 804 - 805 | 70°01'01"NW | 38.71                 | 805          | 623,915.391300  | 1,771,306.360100 |
| 805 - 806 | 51°31'10"NW | 32.95                 | 806          | 623,889.594300  | 1,771,326.865500 |
| 806 - 807 | 64°21'32"NW | 55.03                 | 807          | 623,839.984900  | 1,771,350.678000 |
| 807 - 808 | 65°33'22"NW | 47.95                 | 808          | 623,796.328500  | 1,771,370.521700 |
| 808 - 809 | 64°13'49"NW | 42.60                 | 809          | 623,757.963900  | 1,771,389.042700 |
| 809 - 810 | 16°18'26"NW | 12.96                 | 810          | 623,754.325800  | 1,771,401.478000 |
| 810 - 811 | 49°30'50"NW | 35.66                 | 811          | 623,727.205900  | 1,771,424.629100 |
| 811 - 812 | 68°11'54"NW | 35.62                 | 812          | 623,694.133000  | 1,771,437.858400 |
| 812 - 813 | 54°17'35"NW | 26.07                 | 813          | 623,672.966300  | 1,771,453.072000 |
| 813 - 814 | 69°46'30"NW | 26.79                 | 814          | 623,647.830800  | 1,771,462.332400 |
| 814 - 815 | 32°54'18"NW | 26.79                 | 815          | 623,633.278700  | 1,771,484.822100 |
| 815 - 816 | 59°18'01"NW | 24.62                 | 816          | 623,612.112000  | 1,771,497.389800 |
| 816 - 817 | 62°49'07"NW | 55.02                 | 817          | 623,563.164000  | 1,771,522.525300 |
| 817 - 818 | 64°45'34"NW | 51.19                 | 818          | 623,516.861800  | 1,771,544.353400 |
| 818 - 819 | 66°38'40"NW | 31.70                 | 819          | 623,487.757600  | 1,771,556.921100 |
| 819 - 820 | 61°23'22"NW | 66.30                 | 820          | 623,429.549200  | 1,771,588.671200 |
| 820 - 821 | 68°57'45"NW | 27.64                 | 821          | 623,403.752200  | 1,771,598.593000 |
| 821 - 822 | 51°37'56"NW | 40.50                 | 822          | 623,372.002200  | 1,771,623.728600 |
| 822 - 823 | 60°15'20"NW | 16.00                 | 823          | 623,358.111500  | 1,771,631.666000 |
| 823 - 824 | 14°02'10"NE | 13.64                 | 824          | 623,361.418800  | 1,771,644.895300 |
| 824 - 825 | 53°58'21"NW | 26.99                 | 825          | 623,339.590600  | 1,771,660.770300 |
| 825 - 826 | 61°11'20"NW | 45.29                 | 826          | 623,299.903100  | 1,771,682.598500 |
| 826 - 827 | 59°45'30"NW | 36.90                 | 827          | 623,268.020700  | 1,771,701.185500 |
| 827 - 828 | 25°33'36"NW | 16.86                 | 828          | 623,260.744600  | 1,771,716.399100 |
| 828 - 829 | 48°10'48"NW | 16.86                 | 829          | 623,248.176900  | 1,771,727.643800 |
| 829 - 830 | 71°04'31"NW | 24.47                 | 830          | 623,225.025800  | 1,771,735.581300 |
| 830 - 831 | 86°18'31"SW | 20.55                 | 831          | 623,204.520600  | 1,771,734.258400 |
| 831 - 832 | 64°08'00"NW | 24.26                 | 832          | 623,182.692400  | 1,771,744.841900 |
| 832 - 833 | 36°01'38"NW | 17.99                 | 833          | 623,172.109100  | 1,771,759.394000 |
| 833 - 834 | 65°19'23"NW | 26.93                 | 834          | 623,147.635000  | 1,771,770.638800 |
| 834 - 835 | 48°16'14"NW | 32.79                 | 835          | 623,123.161000  | 1,771,792.466800 |
| 835 - 836 | 17°44'39"NW | 17.36                 | 836          | 623,117.869400  | 1,771,809.003300 |
| 836 - 837 | 73°26'34"NW | 25.53                 | 837          | 623,093.395400  | 1,771,816.279400 |
| 837 - 838 | 82°24'20"SW | 20.02                 | 838          | 623,073.551600  | 1,771,813.633700 |
| 838 - 839 | 63°26'07"NW | 17.75                 | 839          | 623,057.676500  | 1,771,821.571100 |
| 839 - 840 | 47°51'44"NW | 18.73                 | 840          | 623,043.785900  | 1,771,834.138800 |
| 840 - 841 | 31°45'33"NW | 16.34                 | 841          | 623,035.186900  | 1,771,848.029600 |
| 841 - 842 | 45°00'00"NW | 18.71                 | 842          | 623,021.957700  | 1,771,861.258700 |
| 842 - 843 | 38°30'02"NW | 37.19                 | 843          | 622,998.806600  | 1,771,890.362900 |
| 843 - 844 | 66°17'49"NW | 29.62                 | 844          | 622,971.686800  | 1,771,902.269300 |
| 844 - 845 | 61°33'26"NW | 36.11                 | 845          | 622,939.936700  | 1,771,919.467100 |
| 845 - 846 | 59°18'00"NW | 73.85                 | 846          | 622,876.436600  | 1,771,957.170300 |
| 846 - 847 | 53°34'08"NW | 34.53                 | 847          | 622,848.655300  | 1,771,977.675600 |
| 847 - 848 | 75°04'06"NW | 31.83                 | 848          | 622,817.897400  | 1,771,985.877800 |
| 848 - 849 | 62°21'14"NW | 31.36                 | 849          | 622,790.116100  | 1,772,000.429900 |
| 849 - 850 | 41°20'51"NW | 22.03                 | 850          | 622,775.564000  | 1,772,016.966400 |
| 850 - 851 | 40°03'38"NW | 38.03                 | 851          | 622,751.090000  | 1,772,046.070600 |
| 851 - 852 | 61°37'52"NW | 37.59                 | 852          | 622,718.017000  | 1,772,063.929900 |



| Est-PV                                                                                                                                                                               | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                      |             |                       |              | X               | Y                |
| 852 - 853                                                                                                                                                                            | 54°37'11"NW | 55.98                 | 853          | 622,672.376300  | 1,772,096.341400 |
| 853 - 854                                                                                                                                                                            | 59°02'10"NW | 19.28                 | 854          | 622,655.839800  | 1,772,106.263300 |
| 854 - 855                                                                                                                                                                            | 52°44'00"NW | 38.23                 | 855          | 622,625.412600  | 1,772,129.414500 |
| 855 - 856                                                                                                                                                                            | 58°41'45"NW | 57.29                 | 856          | 622,576.464600  | 1,772,159.180100 |
| 856 - 857                                                                                                                                                                            | 52°41'45"NW | 34.93                 | 857          | 622,548.683300  | 1,772,180.346900 |
| 857 - 858                                                                                                                                                                            | 60°56'43"NW | 34.05                 | 858          | 622,518.917600  | 1,772,196.883400 |
| 858 - 859                                                                                                                                                                            | 56°38'01"NW | 32.47                 | 859          | 622,491.797800  | 1,772,214.742700 |
| 859 - 860                                                                                                                                                                            | 59°48'30"NW | 42.09                 | 860          | 622,455.417500  | 1,772,235.909400 |
| 860 - 861                                                                                                                                                                            | 55°05'50"NW | 34.68                 | 861          | 622,426.974800  | 1,772,255.753200 |
| 861 - 862                                                                                                                                                                            | 57°05'40"NW | 40.18                 | 862          | 622,393.240300  | 1,772,277.581500 |
| 862 - 863                                                                                                                                                                            | 54°56'39"NW | 35.30                 | 863          | 622,364.346300  | 1,772,297.855100 |
| 863 - 864                                                                                                                                                                            | 34°06'52"SW | 93.48                 | 864          | 622,311.916300  | 1,772,220.458500 |
| A partir de este vértice 864 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1,607.17 metros hasta llegar al vértice 865. |             |                       |              |                 |                  |
|                                                                                                                                                                                      |             |                       | 865          | 621,002.968400  | 1,773,153.002100 |
| 865 - 866                                                                                                                                                                            | 34°13'23"NE | 90.14                 | 866          | 621,053.663400  | 1,773,227.532300 |
| 866 - 867                                                                                                                                                                            | 47°51'59"NW | 9.92                  | 867          | 621,046.310000  | 1,773,234.184400 |
| 867 - 868                                                                                                                                                                            | 58°04'44"NW | 47.54                 | 868          | 621,005.961000  | 1,773,259.319900 |
| 868 - 869                                                                                                                                                                            | 52°27'07"NW | 111.79                | 869          | 620,917.325400  | 1,773,327.450100 |
| 869 - 870                                                                                                                                                                            | 59°51'30"NW | 47.42                 | 870          | 620,876.314900  | 1,773,351.262800 |
| 870 - 871                                                                                                                                                                            | 37°59'55"NW | 26.86                 | 871          | 620,859.778400  | 1,773,372.429500 |
| 871 - 872                                                                                                                                                                            | 23°25'43"NW | 21.63                 | 872          | 620,851.179400  | 1,773,392.273300 |
| 872 - 873                                                                                                                                                                            | 50°26'26"NW | 19.73                 | 873          | 620,835.965800  | 1,773,404.840900 |
| 873 - 874                                                                                                                                                                            | 76°40'31"NW | 25.83                 | 874          | 620,810.830400  | 1,773,410.794000 |
| 874 - 875                                                                                                                                                                            | 63°26'04"NW | 32.54                 | 875          | 620,781.726100  | 1,773,425.346300 |
| 875 - 876                                                                                                                                                                            | 45°43'30"NW | 36.95                 | 876          | 620,755.267800  | 1,773,451.143200 |
| 876 - 877                                                                                                                                                                            | 51°08'48"NW | 30.58                 | 877          | 620,731.455200  | 1,773,470.325400 |
| 877 - 878                                                                                                                                                                            | 64°13'50"NW | 42.60                 | 878          | 620,693.090600  | 1,773,488.846300 |
| 878 - 879                                                                                                                                                                            | 49°08'59"NW | 29.73                 | 879          | 620,670.600900  | 1,773,508.293200 |
| 879 - 880                                                                                                                                                                            | 53°48'23"NW | 33.60                 | 880          | 620,643.481100  | 1,773,528.137100 |
| 880 - 881                                                                                                                                                                            | 60°56'43"NW | 40.86                 | 881          | 620,607.762300  | 1,773,547.980900 |
| 881 - 882                                                                                                                                                                            | 56°18'36"NW | 40.54                 | 882          | 620,574.027800  | 1,773,570.470500 |
| 882 - 883                                                                                                                                                                            | 27°53'50"NW | 25.45                 | 883          | 620,562.121500  | 1,773,592.960100 |
| 883 - 884                                                                                                                                                                            | 49°23'55"NW | 30.49                 | 884          | 620,538.970500  | 1,773,612.803800 |
| 884 - 885                                                                                                                                                                            | 58°19'27"NW | 36.53                 | 885          | 620,507.881900  | 1,773,631.986300 |
| 885 - 886                                                                                                                                                                            | 51°05'45"NW | 48.45                 | 886          | 620,470.178700  | 1,773,662.413400 |
| 886 - 887                                                                                                                                                                            | 61°53'12"NW | 54.75                 | 887          | 620,421.892100  | 1,773,688.210300 |
| 887 - 888                                                                                                                                                                            | 59°55'53"NW | 29.04                 | 888          | 620,396.756600  | 1,773,702.762400 |
| 888 - 889                                                                                                                                                                            | 55°33'39"NW | 28.07                 | 889          | 620,373.605500  | 1,773,718.637500 |
| 889 - 890                                                                                                                                                                            | 50°11'39"NW | 31.00                 | 890          | 620,349.793000  | 1,773,738.481300 |
| 890 - 891                                                                                                                                                                            | 55°22'33"NW | 33.76                 | 891          | 620,322.011700  | 1,773,757.663500 |
| 891 - 892                                                                                                                                                                            | 52°41'14"NW | 32.52                 | 892          | 620,296.148600  | 1,773,777.375000 |
| 892 - 893                                                                                                                                                                            | 53°39'09"NW | 43.53                 | 893          | 620,261.091300  | 1,773,803.171900 |
| 893 - 894                                                                                                                                                                            | 60°28'26"NW | 85.90                 | 894          | 620,186.346300  | 1,773,845.505400 |
| 894 - 895                                                                                                                                                                            | 55°10'32"NW | 74.13                 | 895          | 620,125.492000  | 1,773,887.838700 |
| 895 - 896                                                                                                                                                                            | 47°07'15"NW | 50.55                 | 896          | 620,088.450300  | 1,773,922.234600 |
| 896 - 897                                                                                                                                                                            | 52°52'08"NW | 58.08                 | 897          | 620,042.148100  | 1,773,957.292100 |
| 897 - 898                                                                                                                                                                            | 56°04'12"NW | 43.85                 | 898          | 620,005.767800  | 1,773,981.766100 |
| 898 - 899                                                                                                                                                                            | 52°53'44"NW | 64.69                 | 899          | 619,954.174000  | 1,774,020.792200 |
| 899 - 900                                                                                                                                                                            | 63°58'13"NW | 63.31                 | 900          | 619,897.288400  | 1,774,048.573500 |
| 900 - 901                                                                                                                                                                            | 54°22'19"NW | 48.83                 | 901          | 619,857.600900  | 1,774,077.016300 |
| 901 - 902                                                                                                                                                                            | 51°12'56"NW | 47.52                 | 902          | 619,820.559100  | 1,774,106.781900 |
| 902 - 903                                                                                                                                                                            | 59°37'44"NW | 69.08                 | 903          | 619,760.961600  | 1,774,141.707000 |
| 903 - 904                                                                                                                                                                            | 58°23'32"NW | 60.58                 | 904          | 619,709.367800  | 1,774,173.457100 |
| 904 - 905                                                                                                                                                                            | 75°57'49"NW | 27.27                 | 905          | 619,682.909400  | 1,774,180.071700 |
| 905 - 906                                                                                                                                                                            | 59°53'55"NW | 52.76                 | 906          | 619,637.268700  | 1,774,206.530100 |
| 906 - 907                                                                                                                                                                            | 53°46'52"NW | 58.21                 | 907          | 619,590.305000  | 1,774,240.925900 |
| 907 - 908                                                                                                                                                                            | 49°18'14"NW | 9.90                  | 908          | 619,582.800000  | 1,774,247.380300 |
| 908 - 1                                                                                                                                                                              | 33°37'54"NE | 63.77                 | 1            |                 |                  |

**Zona de Amortiguamiento**  
**“Tortuga 1”**  
**(Superficie 5-58-24.52 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 1 - 2   | 27°22'48"SE | 36.73                 | 1               | 653,281.280100  | 1,765,528.451400 |
| 2 - 3   | 67°31'13"SE | 102.39                | 2               | 653,298.169900  | 1,765,495.840200 |
| 3 - 4   | 78°04'45"SE | 74.53                 | 3               | 653,392.782000  | 1,765,456.690300 |
| 4 - 5   | 73°55'38"SE | 2.90                  | 4               | 653,465.704500  | 1,765,441.295500 |
| 5 - 6   | 69°46'30"SE | 65.24                 | 5               | 653,468.487400  | 1,765,440.493700 |
| 6 - 7   | 81°15'14"SE | 72.82                 | 6               | 653,529.707200  | 1,765,417.939000 |
| 7 - 8   | 89°30'21"NE | 93.91                 | 7               | 653,601.684200  | 1,765,406.865700 |
| 8 - 9   | 84°57'26"NE | 55.89                 | 8               | 653,695.593400  | 1,765,407.675300 |
| 9 - 10  | 84°57'26"NE | 55.89                 | 9               | 653,751.265500  | 1,765,412.587600 |
| 10 - 11 | 89°39'54"SE | 3.75                  | 10              | 653,755.013400  | 1,765,412.565700 |
| 11 - 12 | 84°17'21"SE | 35.74                 | 11              | 653,790.577400  | 1,765,409.009200 |
| 12 - 13 | 62°24'09"NE | 35.24                 | 12              | 653,821.810400  | 1,765,425.335600 |
| 13 - 14 | 68°13'40"NE | 4.06                  | 13              | 653,825.581000  | 1,765,426.841600 |
| 14 - 15 | 74°03'16"NE | 48.36                 | 14              | 653,872.080200  | 1,765,440.127100 |
| 15 - 16 | 79°28'38"NE | 3.78                  | 15              | 653,875.796000  | 1,765,440.817300 |
| 16 - 17 | 84°53'52"NE | 93.37                 | 16              | 653,968.794300  | 1,765,449.120600 |
| 17 - 18 | 89°59'19"SE | 3.57                  | 17              | 653,972.360600  | 1,765,449.119900 |
| 18 - 19 | 84°52'18"SE | 63.67                 | 18              | 654,035.774400  | 1,765,443.428900 |
| 19 - 20 | 86°19'01"NE | 106.81                | 19              | 654,142.361900  | 1,765,450.289800 |
| 20 - 21 | 05°49'14"NW | 20.00                 | 20              | 654,140.333600  | 1,765,470.186500 |
| 21 - 22 | 88°44'47"NE | 3.19                  | 21              | 654,143.519400  | 1,765,470.256200 |
| 22 - 23 | 86°29'10"SE | 12.18                 | 22              | 654,155.673300  | 1,765,469.509900 |
| 23 - 24 | 82°58'58"SE | 34.83                 | 23              | 654,190.239200  | 1,765,465.255200 |
| 24 - 25 | 87°59'10"SE | 34.88                 | 24              | 654,225.097800  | 1,765,464.029600 |
| 25 - 26 | 88°53'08"NE | 36.10                 | 25              | 654,261.189600  | 1,765,464.731700 |
| 26 - 27 | 85°17'46"SE | 3.68                  | 26              | 654,264.857600  | 1,765,464.429900 |
| 27 - 28 | 74°07'32"SE | 30.13                 | 27              | 654,293.839300  | 1,765,456.188300 |
| 28 - 29 | 75°52'24"SE | 57.76                 | 28              | 654,349.850700  | 1,765,442.091500 |
| 29 - 30 | 86°33'18"SE | 7.43                  | 29              | 654,357.269500  | 1,765,441.644900 |
| 30 - 31 | 79°32'04"SE | 7.67                  | 30              | 654,364.816200  | 1,765,440.250900 |
| 31 - 32 | 74°42'49"SE | 3.36                  | 31              | 654,368.057200  | 1,765,439.365100 |
| 32 - 33 | 65°04'37"SE | 3.36                  | 32              | 654,371.104100  | 1,765,437.949300 |
| 33 - 34 | 29°44'27"SW | 12.15                 | 33              | 654,365.075200  | 1,765,427.397100 |
| 34 - 35 | 61°06'48"SE | 25.77                 | 34              | 654,387.641000  | 1,765,414.947000 |
| 35 - 36 | 68°26'34"SE | 69.68                 | 35              | 654,452.447500  | 1,765,389.344500 |
| 36 - 37 | 76°11'32"SE | 94.26                 | 36              | 654,543.979000  | 1,765,366.849500 |
| 37 - 38 | 74°11'51"NE | 36.77                 | 37              | 654,579.356400  | 1,765,376.861900 |
| 38 - 39 | 53°19'32"NE | 44.97                 | 38              | 654,615.428000  | 1,765,403.723800 |
| 39 - 40 | 58°10'10"NE | 33.44                 | 39              | 654,643.840400  | 1,765,421.361100 |
| 40 - 41 | 49°51'52"NE | 49.07                 | 40              | 654,681.355000  | 1,765,452.990900 |
| 41 - 42 | 24°29'50"NE | 36.47                 | 41              | 654,696.475900  | 1,765,486.174800 |
| 42 - 43 | 56°50'33"NW | 20.00                 | 42              | 654,679.732400  | 1,765,497.113600 |
| 43 - 44 | 13°55'50"NW | 0.61                  | 43              | 654,679.586700  | 1,765,497.701000 |
| 44 - 45 | 47°11'03"NE | 6.19                  | 44              | 654,684.124200  | 1,765,501.905100 |
| 45 - 46 | 51°51'37"NE | 13.81                 | 45              | 654,694.988800  | 1,765,510.436200 |
| 46 - 47 | 55°55'49"NE | 2.84                  | 46              | 654,697.340500  | 1,765,512.026600 |
| 47 - 48 | 62°15'41"NE | 20.51                 | 47              | 654,715.489400  | 1,765,521.570500 |
| 48 - 49 | 08°52'14"NE | 5.62                  | 48              | 654,716.355900  | 1,765,527.122400 |
| 49 - 50 | 05°41'37"NE | 21.27                 | 49              | 654,718.465700  | 1,765,548.283100 |
| 50 - 51 | 10°11'13"NE | 3.13                  | 50              | 654,719.020100  | 1,765,551.368300 |
| 51 - 52 | 19°10'39"NE | 3.13                  | 51              | 654,720.049800  | 1,765,554.328900 |
| 52 - 53 | 28°10'00"NE | 3.13                  | 52              | 654,721.529400  | 1,765,557.092200 |
| 53 - 54 | 32°39'38"NE | 56.89                 | 53              | 654,752.228500  | 1,765,604.983000 |
| 54 - 55 | 36°28'36"NE | 2.66                  | 54              | 654,753.811200  | 1,765,607.123700 |

| Est-PV                                                                                                                                                                           | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------|-----------------|------------------|
|                                                                                                                                                                                  |             |                       |                 | X               | Y                |
| 54 - 55                                                                                                                                                                          | 44°06'29"NE | 2.66                  | 55              | 654,755.664200  | 1,765,609.035300 |
| 55 - 56                                                                                                                                                                          | 51°44'30"NE | 2.66                  | 56              | 654,757.754700  | 1,765,610.683800 |
| 56 - 57                                                                                                                                                                          | 55°54'54"NE | 9.63                  | 57              | 654,765.732900  | 1,765,616.082400 |
| 57 - 58                                                                                                                                                                          | 63°36'35"NE | 2.52                  | 58              | 654,767.988300  | 1,765,617.201500 |
| 58 - 59                                                                                                                                                                          | 67°17'55"NE | 46.65                 | 59              | 654,811.027300  | 1,765,635.206200 |
| 59 - 60                                                                                                                                                                          | 50°43'52"SW | 17.64                 | 60              | 654,797.372800  | 1,765,624.042600 |
| 60 - 61                                                                                                                                                                          | 42°20'13"SW | 24.16                 | 61              | 654,781.100800  | 1,765,606.183200 |
| 61 - 62                                                                                                                                                                          | 30°58'21"SW | 43.88                 | 62              | 654,758.518600  | 1,765,568.559300 |
| 62 - 63                                                                                                                                                                          | 37°24'19"SW | 16.99                 | 63              | 654,748.199800  | 1,765,555.065500 |
| 63 - 64                                                                                                                                                                          | 02°09'39"SW | 21.05                 | 64              | 654,747.406100  | 1,765,534.031100 |
| 64 - 65                                                                                                                                                                          | 02°23'09"SE | 6.66                  | 65              | 654,747.683400  | 1,765,527.375600 |
| A partir de este vértice 65 se continúa por el límite de la línea de costa con un rumbo general Suroeste y una distancia aproximada de 409.21 metros hasta llegar al vértice 66. |             |                       |                 |                 |                  |
|                                                                                                                                                                                  |             |                       | 66              | 654,355.760600  | 1,765,409.694100 |
| 66 - 67                                                                                                                                                                          | 60°18'57"SE | 5.22                  | 67              | 654,360.293400  | 1,765,407.110300 |
| 67 - 68                                                                                                                                                                          | 04°23'54"NW | 10.35                 | 68              | 654,359.499700  | 1,765,417.428900 |
| 68 - 69                                                                                                                                                                          | 59°02'09"NW | 11.57                 | 69              | 654,349.577800  | 1,765,423.382100 |
| 69 - 70                                                                                                                                                                          | 81°38'02"NW | 13.64                 | 70              | 654,336.084000  | 1,765,425.366500 |
| 70 - 71                                                                                                                                                                          | 72°48'05"NW | 17.45                 | 71              | 654,319.415200  | 1,765,430.525900 |
| 71 - 72                                                                                                                                                                          | 68°55'22"NW | 49.55                 | 72              | 654,273.179200  | 1,765,448.345600 |
| 72 - 73                                                                                                                                                                          | 79°18'53"NW | 21.41                 | 73              | 654,252.144800  | 1,765,452.314400 |
| 73 - 74                                                                                                                                                                          | 85°30'56"NW | 20.30                 | 74              | 654,231.904100  | 1,765,453.901800 |
| 74 - 75                                                                                                                                                                          | 75°15'24"SW | 7.80                  | 75              | 654,224.363500  | 1,765,451.917500 |
| 75 - 76                                                                                                                                                                          | 48°00'45"SW | 10.68                 | 76              | 654,216.426000  | 1,765,444.773700 |
| 76 - 77                                                                                                                                                                          | 75°57'49"SW | 14.73                 | 77              | 654,202.138400  | 1,765,441.201800 |
| 77 - 78                                                                                                                                                                          | 74°17'28"NW | 13.19                 | 78              | 654,189.438400  | 1,765,444.773700 |
| 78 - 79                                                                                                                                                                          | 79°55'08"NW | 18.14                 | 79              | 654,171.579000  | 1,765,447.948800 |
| 79 - 80                                                                                                                                                                          | 39°48'20"SW | 12.40                 | 80              | 654,163.641500  | 1,765,438.423800 |
| 80 - 81                                                                                                                                                                          | 21°02'15"SW | 10.41                 | 81              | 654,159.905000  | 1,765,428.708900 |
| A partir de este vértice 81 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 899.33 metros hasta llegar al vértice 82. |             |                       |                 |                 |                  |
|                                                                                                                                                                                  |             |                       | 82              | 653,261.569500  | 1,765,470.941100 |
| 82 - 83                                                                                                                                                                          | 11°58'19"NE | 34.73                 | 83              | 653,268.773600  | 1,765,504.915300 |
| 83 - 1                                                                                                                                                                           | 27°59'06"NE | 26.65                 | 1               |                 |                  |

### Zona de Amortiguamiento

#### “Tortuga 2”

(Superficie 30-93-28.12 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 655,110.172100  | 1,765,692.496000 |
| 1 - 2   | 88°22'11"SE | 27.06                 | 2            | 655,137.225400  | 1,765,691.726100 |
| 2 - 3   | 89°27'52"SE | 20.75                 | 3            | 655,157.969700  | 1,765,691.532200 |
| 3 - 4   | 85°22'47"SE | 2.85                  | 4            | 655,160.809700  | 1,765,691.302700 |
| 4 - 5   | 81°17'39"SE | 19.47                 | 5            | 655,180.060000  | 1,765,688.355000 |
| 5 - 6   | 76°53'20"SE | 3.07                  | 6            | 655,183.052600  | 1,765,687.658000 |
| 6 - 7   | 68°04'51"SE | 3.07                  | 7            | 655,185.903100  | 1,765,686.511000 |
| 7 - 8   | 59°15'54"SE | 3.07                  | 8            | 655,188.544300  | 1,765,684.940600 |
| 8 - 9   | 54°51'39"SE | 36.55                 | 9            | 655,218.436600  | 1,765,663.901400 |
| 9 - 10  | 48°57'22"SE | 12.20                 | 10           | 655,227.640600  | 1,765,655.888100 |
| 10 - 11 | 38°35'16"SE | 6.78                  | 11           | 655,231.871800  | 1,765,650.585500 |
| 11 - 12 | 61°10'38"SW | 20.00                 | 12           | 655,214.349400  | 1,765,640.943500 |
| 12 - 13 | 16°19'55"SE | 5.72                  | 13           | 655,215.957400  | 1,765,635.456000 |
| 13 - 14 | 00°06'25"SW | 5.72                  | 14           | 655,215.946700  | 1,765,629.737800 |
| 14 - 15 | 08°19'32"SW | 25.44                 | 15           | 655,212.263500  | 1,765,604.569200 |
| 15 - 16 | 39°59'13"SE | 24.63                 | 16           | 655,228.088200  | 1,765,585.701400 |
| 16 - 17 | 35°07'13"SE | 3.39                  | 17           | 655,230.039900  | 1,765,582.926500 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 17 - 18 | 30°15'23"SE | 8.06                  | 18           | 655,234.101100  | 1,765,575.964500 |
| 18 - 19 | 75°58'00"NE | 2.28                  | 19           | 655,236.314000  | 1,765,576.517600 |
| 19 - 20 | 26°33'52"NW | 9.11                  | 20           | 655,232.241200  | 1,765,584.663400 |
| 20 - 21 | 17°53'29"NW | 6.03                  | 21           | 655,230.388000  | 1,765,590.403900 |
| 21 - 22 | 00°32'39"NW | 6.03                  | 22           | 655,230.330700  | 1,765,596.436000 |
| 22 - 23 | 08°07'48"NE | 17.61                 | 23           | 655,232.821700  | 1,765,613.873200 |
| 23 - 24 | 16°32'46"NE | 5.85                  | 24           | 655,234.489000  | 1,765,619.485300 |
| 24 - 25 | 49°07'55"NE | 15.38                 | 25           | 655,246.122600  | 1,765,629.551200 |
| 25 - 26 | 53°31'58"NE | 12.84                 | 26           | 655,256.445400  | 1,765,637.180500 |
| 26 - 27 | 63°57'08"NE | 40.83                 | 27           | 655,293.130100  | 1,765,655.110700 |
| 27 - 28 | 54°47'13"NE | 17.42                 | 28           | 655,307.363400  | 1,765,665.156000 |
| 28 - 29 | 32°55'53"NW | 14.49                 | 29           | 655,299.488800  | 1,765,677.313600 |
| 29 - 30 | 61°58'39"NE | 3.42                  | 30           | 655,302.510900  | 1,765,678.922000 |
| 30 - 31 | 67°34'42"NE | 13.86                 | 31           | 655,315.325700  | 1,765,684.209500 |
| 31 - 32 | 74°17'45"NE | 28.46                 | 32           | 655,342.718900  | 1,765,691.911400 |
| 32 - 33 | 75°12'20"NE | 22.34                 | 33           | 655,364.318400  | 1,765,697.615900 |
| 33 - 34 | 80°34'15"NE | 33.27                 | 34           | 655,397.143000  | 1,765,703.067000 |
| 34 - 35 | 85°17'19"NE | 3.29                  | 35           | 655,400.419200  | 1,765,703.337000 |
| 35 - 36 | 86°22'46"SE | 2.53                  | 36           | 655,402.940100  | 1,765,703.177500 |
| 36 - 37 | 82°45'33"SE | 22.19                 | 37           | 655,424.958000  | 1,765,700.380100 |
| 37 - 38 | 81°10'26"SE | 8.22                  | 38           | 655,433.083000  | 1,765,699.118500 |
| 38 - 39 | 85°21'47"SE | 6.47                  | 39           | 655,439.534000  | 1,765,698.595300 |
| 39 - 40 | 80°35'02"SE | 3.33                  | 40           | 655,442.822800  | 1,765,698.049900 |
| 40 - 41 | 71°01'15"SE | 3.33                  | 41           | 655,445.975300  | 1,765,696.965700 |
| 41 - 42 | 61°27'33"SE | 3.33                  | 42           | 655,448.903900  | 1,765,695.372900 |
| 42 - 43 | 51°53'55"SE | 3.33                  | 43           | 655,451.527300  | 1,765,693.315800 |
| 43 - 44 | 42°20'15"SE | 3.33                  | 44           | 655,453.772500  | 1,765,690.851600 |
| 44 - 45 | 89°58'31"NE | 13.77                 | 45           | 655,467.538500  | 1,765,690.857500 |
| 45 - 46 | 86°31'53"NE | 53.83                 | 46           | 655,521.271900  | 1,765,694.114200 |
| 46 - 47 | 86°46'13"SE | 4.66                  | 47           | 655,525.929400  | 1,765,693.851400 |
| 47 - 48 | 80°04'25"SE | 33.72                 | 48           | 655,559.143100  | 1,765,688.039000 |
| 48 - 49 | 68°26'49"SE | 8.06                  | 49           | 655,566.640500  | 1,765,685.077700 |
| 49 - 50 | 56°49'18"SE | 23.14                 | 50           | 655,586.008100  | 1,765,672.414400 |
| 50 - 51 | 71°56'21"SE | 35.36                 | 51           | 655,619.623300  | 1,765,661.452800 |
| 51 - 52 | 84°17'22"SE | 27.81                 | 52           | 655,647.293300  | 1,765,658.685900 |
| 52 - 53 | 76°22'23"NE | 18.77                 | 53           | 655,665.534300  | 1,765,663.107900 |
| 53 - 54 | 42°52'44"NE | 9.85                  | 54           | 655,672.233700  | 1,765,670.322600 |
| 54 - 55 | 50°43'55"NE | 5.47                  | 55           | 655,676.465100  | 1,765,673.782000 |
| 55 - 56 | 66°26'20"NE | 5.47                  | 56           | 655,681.475200  | 1,765,675.966800 |
| 56 - 57 | 82°08'48"NE | 5.47                  | 57           | 655,686.889500  | 1,765,676.713600 |
| 57 - 58 | 89°59'59"NE | 21.15                 | 58           | 655,708.037300  | 1,765,676.713700 |
| 58 - 59 | 64°08'02"NE | 24.75                 | 59           | 655,730.310900  | 1,765,687.512900 |
| 59 - 60 | 57°48'15"NE | 25.39                 | 60           | 655,751.794400  | 1,765,701.039500 |
| 60 - 61 | 69°00'35"NE | 7.77                  | 61           | 655,759.052500  | 1,765,703.824200 |
| 61 - 62 | 80°13'04"NE | 21.78                 | 62           | 655,780.516200  | 1,765,707.524700 |
| 62 - 63 | 65°05'42"NE | 22.98                 | 63           | 655,801.357900  | 1,765,717.201300 |
| 63 - 64 | 72°51'04"NE | 5.40                  | 64           | 655,806.515500  | 1,765,718.792800 |
| 64 - 65 | 88°21'38"NE | 5.40                  | 65           | 655,811.910800  | 1,765,718.947200 |
| 65 - 66 | 83°53'04"SE | 43.40                 | 66           | 655,855.062500  | 1,765,714.323900 |
| 66 - 67 | 77°00'19"NE | 29.87                 | 67           | 655,884.165400  | 1,765,721.040000 |
| 67 - 68 | 84°36'27"NE | 5.29                  | 68           | 655,889.433800  | 1,765,721.537300 |
| 68 - 69 | 80°11'13"SE | 5.29                  | 69           | 655,894.648300  | 1,765,720.635400 |
| 69 - 70 | 64°59'01"SE | 5.29                  | 70           | 655,899.443700  | 1,765,718.397600 |
| 70 - 71 | 57°22'48"SE | 17.37                 | 71           | 655,914.070100  | 1,765,709.036500 |
| 71 - 72 | 82°36'49"NE | 30.82                 | 72           | 655,944.633300  | 1,765,712.998500 |
| 72 - 73 | 43°27'06"NE | 14.62                 | 73           | 655,954.686700  | 1,765,723.610400 |
| 73 - 74 | 48°06'28"NE | 3.25                  | 74           | 655,957.104100  | 1,765,725.778800 |
| 74 - 75 | 52°45'54"NE | 26.07                 | 75           | 655,977.862600  | 1,765,741.555300 |
| 75 - 76 | 61°13'16"NE | 5.88                  | 76           | 655,983.018000  | 1,765,744.387000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 76 - 77   | 69°40'36"NE | 22.51                 | 77           | 656,004.129500  | 1,765,752.206100 |
| 77 - 78   | 61°42'25"NE | 35.83                 | 78           | 656,035.677500  | 1,765,769.187900 |
| 78 - 79   | 62°58'08"NE | 45.68                 | 79           | 656,076.364200  | 1,765,789.946400 |
| 79 - 80   | 64°30'55"NE | 19.86                 | 80           | 656,094.292100  | 1,765,798.491700 |
| 80 - 81   | 71°36'48"NE | 4.93                  | 81           | 656,098.968500  | 1,765,800.046100 |
| 81 - 82   | 78°41'24"NE | 46.67                 | 82           | 656,144.730300  | 1,765,809.198500 |
| 82 - 83   | 55°18'18"NE | 8.99                  | 83           | 656,152.121600  | 1,765,814.315500 |
| 83 - 84   | 64°13'14"NE | 6.20                  | 84           | 656,157.703900  | 1,765,817.011600 |
| 84 - 85   | 82°03'03"NE | 6.20                  | 85           | 656,163.843600  | 1,765,817.868900 |
| 85 - 86   | 80°06'55"SE | 6.20                  | 86           | 656,169.950900  | 1,765,816.804700 |
| 86 - 87   | 62°17'08"SE | 6.20                  | 87           | 656,175.438900  | 1,765,813.921700 |
| 87 - 88   | 44°27'08"SE | 6.20                  | 88           | 656,179.780400  | 1,765,809.496400 |
| 88 - 89   | 35°32'20"SE | 3.22                  | 89           | 656,181.651200  | 1,765,806.877400 |
| 89 - 90   | 59°49'35"NE | 18.45                 | 90           | 656,197.599700  | 1,765,816.149800 |
| 90 - 91   | 33°41'23"NE | 10.33                 | 91           | 656,203.328000  | 1,765,824.742300 |
| 91 - 92   | 44°20'57"NE | 7.40                  | 92           | 656,208.499800  | 1,765,830.032900 |
| 92 - 93   | 55°00'30"NE | 10.14                 | 93           | 656,216.803200  | 1,765,835.845200 |
| 93 - 94   | 63°12'44"NE | 5.71                  | 94           | 656,221.899400  | 1,765,838.418100 |
| 94 - 95   | 79°37'23"NE | 5.71                  | 95           | 656,227.514900  | 1,765,839.446400 |
| 95 - 96   | 83°57'50"SE | 5.71                  | 96           | 656,233.192100  | 1,765,838.846100 |
| 96 - 97   | 67°33'18"SE | 5.71                  | 97           | 656,238.468500  | 1,765,836.666500 |
| 97 - 98   | 59°20'56"SE | 16.25                 | 98           | 656,252.450100  | 1,765,828.381000 |
| 98 - 99   | 68°24'16"NE | 30.64                 | 99           | 656,280.936800  | 1,765,839.657100 |
| 99 - 100  | 54°36'18"NE | 36.29                 | 100          | 656,310.516900  | 1,765,860.674500 |
| 100 - 101 | 59°43'50"NE | 3.57                  | 101          | 656,313.602900  | 1,765,862.475600 |
| 101 - 102 | 64°51'18"NE | 42.61                 | 102          | 656,352.177400  | 1,765,880.582000 |
| 102 - 103 | 51°32'45"NE | 7.64                  | 103          | 656,358.164000  | 1,765,885.336100 |
| 103 - 104 | 53°28'25"NW | 1.83                  | 104          | 656,356.695600  | 1,765,886.423700 |
| 104 - 105 | 44°44'55"NW | 6.07                  | 105          | 656,352.425500  | 1,765,890.731400 |
| 105 - 106 | 36°01'39"NW | 22.59                 | 106          | 656,339.140000  | 1,765,908.998800 |
| 106 - 107 | 26°16'32"NW | 6.77                  | 107          | 656,336.140800  | 1,765,915.073700 |
| 107 - 108 | 75°03'41"SW | 20.00                 | 108          | 656,316.816800  | 1,765,909.918100 |
| 108 - 109 | 09°59'37"NW | 3.45                  | 109          | 656,316.218400  | 1,765,913.314000 |
| 109 - 110 | 00°06'10"NW | 3.45                  | 110          | 656,316.212200  | 1,765,916.762100 |
| 110 - 111 | 04°50'34"NE | 12.13                 | 111          | 656,317.236300  | 1,765,928.849300 |
| 111 - 112 | 12°37'57"NE | 5.42                  | 112          | 656,318.421200  | 1,765,934.136100 |
| 112 - 113 | 20°49'19"NE | 27.24                 | 113          | 656,328.105000  | 1,765,959.599300 |
| 113 - 114 | 26°57'21"NE | 4.27                  | 114          | 656,330.042000  | 1,765,963.408100 |
| 114 - 115 | 33°56'27"NE | 9.77                  | 115          | 656,335.498100  | 1,765,971.515100 |
| 115 - 116 | 43°33'32"NE | 17.16                 | 116          | 656,347.322900  | 1,765,983.950200 |
| 116 - 117 | 52°19'21"NE | 103.71                | 117          | 656,429.407600  | 1,766,047.340500 |
| 117 - 118 | 75°23'03"NE | 156.88                | 118          | 656,581.207900  | 1,766,086.926100 |
| 118 - 119 | 68°55'48"NE | 62.29                 | 119          | 656,639.334200  | 1,766,109.319900 |
| 119 - 120 | 14°47'47"NE | 29.01                 | 120          | 656,646.742500  | 1,766,137.365800 |
| 120 - 121 | 81°49'14"NE | 174.82                | 121          | 656,819.780400  | 1,766,162.236800 |
| 121 - 122 | 84°40'05"NE | 232.83                | 122          | 657,051.600200  | 1,766,183.872000 |
| 122 - 123 | 87°08'15"SE | 143.05                | 123          | 657,194.475500  | 1,766,176.728200 |
| 123 - 124 | 83°01'31"SE | 355.07                | 124          | 657,546.914900  | 1,766,133.613600 |
| 124 - 125 | 80°06'30"SE | 305.43                | 125          | 657,847.805900  | 1,766,081.145000 |
| 125 - 126 | 75°49'18"SE | 104.92                | 126          | 657,949.530600  | 1,766,055.446100 |
| 126 - 127 | 80°10'50"SE | 169.53                | 127          | 658,116.573300  | 1,766,026.534800 |
| 127 - 128 | 77°10'43"SE | 159.23                | 128          | 658,271.837300  | 1,765,991.199000 |
| 128 - 129 | 72°27'34"SE | 412.14                | 129          | 658,664.816000  | 1,765,866.987700 |
| 129 - 130 | 71°29'10"SE | 492.34                | 130          | 659,131.678800  | 1,765,710.652900 |
| 130 - 131 | 70°05'00"SE | 785.84                | 131          | 659,870.521500  | 1,765,442.956300 |
| 131 - 132 | 73°16'19"SE | 204.61                | 132          | 660,066.475500  | 1,765,384.063000 |
| 132 - 133 | 68°27'32"SE | 174.98                | 133          | 660,229.235000  | 1,765,319.815900 |
| 133 - 134 | 71°04'19"SE | 277.35                | 134          | 660,491.584400  | 1,765,229.850700 |
| 134 - 135 | 15°32'26"SW | 32.48                 | 135          | 660,482.881600  | 1,765,198.555600 |

A partir de este vértice 135 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 5,304.62 metros hasta llegar al vértice 136.

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
|           |             |                       | 136          | 655,195.914200  | 1,765,630.971100 |
| 136 - 137 | 74°56'55"NE | 16.11                 | 137          | 655,211.473000  | 1,765,635.155000 |
| 137 - 138 | 41°53'47"NW | 18.66                 | 138          | 655,199.011100  | 1,765,649.045700 |
| 138 - 139 | 48°12'55"NW | 25.02                 | 139          | 655,180.357900  | 1,765,665.714500 |
| 139 - 140 | 56°00'13"NW | 20.58                 | 140          | 655,163.292200  | 1,765,677.223800 |
| 140 - 141 | 82°38'49"NW | 12.41                 | 141          | 655,150.989100  | 1,765,678.811400 |
| 141 - 142 | 77°28'15"SW | 10.98                 | 142          | 655,140.273400  | 1,765,676.430100 |
| 142 - 143 | 69°40'35"NW | 11.43                 | 143          | 655,129.557800  | 1,765,680.398900 |
| 143 - 144 | 68°11'55"NW | 14.96                 | 144          | 655,115.667100  | 1,765,685.955100 |
| 144 - 1   | 40°02'00"NW | 8.54                  | 1            |                 |                  |

### Zona de Amortiguamiento

#### “Tortuga 3”

(Superficie 8-57-52.63 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 661,797.742600  | 1,764,801.101400 |
| 1 - 2   | 75°20'08"SE | 9.64                  | 2            | 661,807.072400  | 1,764,798.660000 |
| 2 - 3   | 83°28'50"NE | 13.98                 | 3            | 661,820.963100  | 1,764,800.247400 |
| 3 - 4   | 62°37'11"NE | 18.84                 | 4            | 661,837.696300  | 1,764,808.913700 |
| 4 - 5   | 70°01'01"SE | 30.97                 | 5            | 661,866.800500  | 1,764,798.330400 |
| 5 - 6   | 67°27'25"SE | 75.92                 | 6            | 661,936.915200  | 1,764,769.226200 |
| 6 - 7   | 54°05'24"SE | 47.37                 | 7            | 661,975.279900  | 1,764,741.444800 |
| 7 - 8   | 72°24'59"SE | 197.06                | 8            | 662,163.134500  | 1,764,681.913500 |
| 8 - 9   | 71°20'31"SE | 107.52                | 9            | 662,264.999200  | 1,764,647.517500 |
| 9 - 10  | 77°34'57"SE | 147.65                | 10           | 662,409.197500  | 1,764,615.767600 |
| 10 - 11 | 65°19'23"SE | 161.60                | 11           | 662,556.041500  | 1,764,548.298600 |
| 11 - 12 | 74°42'12"SE | 160.47                | 12           | 662,710.823000  | 1,764,505.965200 |
| 12 - 13 | 84°45'58"SE | 174.03                | 13           | 662,884.125400  | 1,764,490.090100 |
| 13 - 14 | 67°26'20"SE | 43.94                 | 14           | 662,924.699600  | 1,764,473.233200 |
| 14 - 15 | 23°57'44"SW | 24.81                 | 15           | 662,914.623500  | 1,764,450.561800 |
| 15 - 16 | 18°13'34"SW | 64.29                 | 16           | 662,894.515100  | 1,764,389.495900 |

A partir de este vértice 16 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1,175.91 metros hasta llegar al vértice 17.

|         |             |       |    |                |                  |
|---------|-------------|-------|----|----------------|------------------|
|         |             |       | 17 | 661,770.801900 | 1,764,735.960400 |
| 17 - 18 | 23°08'11"NE | 27.66 | 18 | 661,781.672000 | 1,764,761.400200 |
| 18 - 19 | 26°08'57"NE | 23.90 | 19 | 661,792.202900 | 1,764,782.849700 |
| 19 - 1  | 16°53'02"NE | 19.07 | 1  |                |                  |

### Zona Núcleo

#### Bahía 1

(Superficie 18-38-87.53 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 619,582.800000  | 1,774,247.380300 |
| 1 - 2   | 49°18'14"SE | 9.90                  | 2            | 619,590.305000  | 1,774,240.925900 |
| 2 - 3   | 53°46'52"SE | 58.21                 | 3            | 619,637.268700  | 1,774,206.530100 |
| 3 - 4   | 59°53'55"SE | 52.76                 | 4            | 619,682.909400  | 1,774,180.071700 |
| 4 - 5   | 75°57'49"SE | 27.27                 | 5            | 619,709.367800  | 1,774,173.457100 |
| 5 - 6   | 58°23'32"SE | 60.58                 | 6            | 619,760.961600  | 1,774,141.707000 |
| 6 - 7   | 59°37'44"SE | 69.08                 | 7            | 619,820.559100  | 1,774,106.781900 |
| 7 - 8   | 51°12'56"SE | 47.52                 | 8            | 619,857.600900  | 1,774,077.016300 |
| 8 - 9   | 54°22'19"SE | 48.83                 | 9            | 619,897.288400  | 1,774,048.573500 |
| 9 - 10  | 63°58'13"SE | 63.31                 | 10           | 619,954.174000  | 1,774,020.792200 |
| 10 - 11 | 52°53'44"SE | 64.69                 | 11           | 620,005.767800  | 1,773,981.766100 |
| 11 - 12 | 56°04'12"SE | 43.85                 | 12           | 620,042.148100  | 1,773,957.292100 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 12 - 13 | 52°52'08"SE | 58.08                 | 13           | 620,088.450300  | 1,773,922.234600 |
| 13 - 14 | 47°07'15"SE | 50.55                 | 14           | 620,125.492000  | 1,773,887.838700 |
| 14 - 15 | 55°10'32"SE | 74.13                 | 15           | 620,186.346300  | 1,773,845.505400 |
| 15 - 16 | 60°28'26"SE | 85.90                 | 16           | 620,261.091300  | 1,773,803.171900 |
| 16 - 17 | 53°39'09"SE | 43.53                 | 17           | 620,296.148600  | 1,773,777.375000 |
| 17 - 18 | 52°41'14"SE | 32.52                 | 18           | 620,322.011700  | 1,773,757.663500 |
| 18 - 19 | 55°22'33"SE | 33.76                 | 19           | 620,349.793000  | 1,773,738.481300 |
| 19 - 20 | 50°11'39"SE | 31.00                 | 20           | 620,373.605500  | 1,773,718.637500 |
| 20 - 21 | 55°33'39"SE | 28.07                 | 21           | 620,396.756600  | 1,773,702.762400 |
| 21 - 22 | 59°55'53"SE | 29.04                 | 22           | 620,421.892100  | 1,773,688.210300 |
| 22 - 23 | 61°53'12"SE | 54.75                 | 23           | 620,470.178700  | 1,773,662.413400 |
| 23 - 24 | 51°05'45"SE | 48.45                 | 24           | 620,507.881900  | 1,773,631.986300 |
| 24 - 25 | 58°19'27"SE | 36.53                 | 25           | 620,538.970500  | 1,773,612.803800 |
| 25 - 26 | 49°23'55"SE | 30.49                 | 26           | 620,562.121500  | 1,773,592.960100 |
| 26 - 27 | 27°53'50"SE | 25.45                 | 27           | 620,574.027800  | 1,773,570.470500 |
| 27 - 28 | 56°18'36"SE | 40.54                 | 28           | 620,607.762300  | 1,773,547.980900 |
| 28 - 29 | 60°56'43"SE | 40.86                 | 29           | 620,643.481100  | 1,773,528.137100 |
| 29 - 30 | 53°48'23"SE | 33.60                 | 30           | 620,670.600900  | 1,773,508.293200 |
| 30 - 31 | 49°08'59"SE | 29.73                 | 31           | 620,693.090600  | 1,773,488.846300 |
| 31 - 32 | 64°13'50"SE | 42.60                 | 32           | 620,731.455200  | 1,773,470.325400 |
| 32 - 33 | 51°08'48"SE | 30.58                 | 33           | 620,755.267800  | 1,773,451.143200 |
| 33 - 34 | 45°43'30"SE | 36.95                 | 34           | 620,781.726100  | 1,773,425.346300 |
| 34 - 35 | 63°26'04"SE | 32.54                 | 35           | 620,810.830400  | 1,773,410.794000 |
| 35 - 36 | 76°40'31"SE | 25.83                 | 36           | 620,835.965800  | 1,773,404.840900 |
| 36 - 37 | 50°26'26"SE | 19.73                 | 37           | 620,851.179400  | 1,773,392.273300 |
| 37 - 38 | 23°25'43"SE | 21.63                 | 38           | 620,859.778400  | 1,773,372.429500 |
| 38 - 39 | 37°59'55"SE | 26.86                 | 39           | 620,876.314900  | 1,773,351.262800 |
| 39 - 40 | 59°51'30"SE | 47.42                 | 40           | 620,917.325400  | 1,773,327.450100 |
| 40 - 41 | 52°27'07"SE | 111.79                | 41           | 621,005.961000  | 1,773,259.319900 |
| 41 - 42 | 58°04'44"SE | 47.54                 | 42           | 621,046.310000  | 1,773,234.184400 |
| 42 - 43 | 47°51'59"SE | 9.92                  | 43           | 621,053.663400  | 1,773,227.532300 |
| 43 - 44 | 34°13'23"SW | 90.14                 | 44           | 621,002.968400  | 1,773,153.002100 |

A partir de este vértice 44 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1,789.77 metros hasta llegar al vértice 45.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 45 | 619,527.075200 | 1,774,165.432000 |
| 45 - 1 | 34°12'56"NE | 99.10 | 1  |                |                  |

### Zona Núcleo

#### "Bahía 2"

(Superficie 40-55-63.32 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 622,364.346300  | 1,772,297.855100 |
| 1 - 2   | 54°56'39"SE | 35.30                 | 2            | 622,393.240300  | 1,772,277.581500 |
| 2 - 3   | 57°05'40"SE | 40.18                 | 3            | 622,426.974800  | 1,772,255.753200 |
| 3 - 4   | 55°05'50"SE | 34.68                 | 4            | 622,455.417500  | 1,772,235.909400 |
| 4 - 5   | 59°48'30"SE | 42.09                 | 5            | 622,491.797800  | 1,772,214.742700 |
| 5 - 6   | 56°38'01"SE | 32.47                 | 6            | 622,518.917600  | 1,772,196.883400 |
| 6 - 7   | 60°56'43"SE | 34.05                 | 7            | 622,548.683300  | 1,772,180.346900 |
| 7 - 8   | 52°41'45"SE | 34.93                 | 8            | 622,576.464600  | 1,772,159.180100 |
| 8 - 9   | 58°41'45"SE | 57.29                 | 9            | 622,625.412600  | 1,772,129.414500 |
| 9 - 10  | 52°44'00"SE | 38.23                 | 10           | 622,655.839800  | 1,772,106.263300 |
| 10 - 11 | 59°02'10"SE | 19.28                 | 11           | 622,672.376300  | 1,772,096.341400 |
| 11 - 12 | 54°37'11"SE | 55.98                 | 12           | 622,718.017000  | 1,772,063.929900 |
| 12 - 13 | 61°37'52"SE | 37.59                 | 13           | 622,751.090000  | 1,772,046.070600 |
| 13 - 14 | 40°03'38"SE | 38.03                 | 14           | 622,775.564000  | 1,772,016.966400 |
| 14 - 15 | 41°20'51"SE | 22.03                 | 15           | 622,790.116100  | 1,772,000.429900 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 15 - 16 | 62°21'14"SE | 31.36                 | 16           | 622,817.897400  | 1,771,985.877800 |
| 16 - 17 | 75°04'06"SE | 31.83                 | 17           | 622,848.655300  | 1,771,977.675600 |
| 17 - 18 | 53°34'08"SE | 34.53                 | 18           | 622,876.436600  | 1,771,957.170300 |
| 18 - 19 | 59°18'00"SE | 73.85                 | 19           | 622,939.936700  | 1,771,919.467100 |
| 19 - 20 | 61°33'26"SE | 36.11                 | 20           | 622,971.686800  | 1,771,902.269300 |
| 20 - 21 | 66°17'49"SE | 29.62                 | 21           | 622,998.806600  | 1,771,890.362900 |
| 21 - 22 | 38°30'02"SE | 37.19                 | 22           | 623,021.957700  | 1,771,861.258700 |
| 22 - 23 | 45°00'00"SE | 18.71                 | 23           | 623,035.186900  | 1,771,848.029600 |
| 23 - 24 | 31°45'33"SE | 16.34                 | 24           | 623,043.785900  | 1,771,834.138800 |
| 24 - 25 | 47°51'44"SE | 18.73                 | 25           | 623,057.676500  | 1,771,821.571100 |
| 25 - 26 | 63°26'07"SE | 17.75                 | 26           | 623,073.551600  | 1,771,813.633700 |
| 26 - 27 | 82°24'20"NE | 20.02                 | 27           | 623,093.395400  | 1,771,816.279400 |
| 27 - 28 | 73°26'34"SE | 25.53                 | 28           | 623,117.869400  | 1,771,809.003300 |
| 28 - 29 | 17°44'39"SE | 17.36                 | 29           | 623,123.161000  | 1,771,792.466800 |
| 29 - 30 | 48°16'14"SE | 32.79                 | 30           | 623,147.635000  | 1,771,770.638800 |
| 30 - 31 | 65°19'23"SE | 26.93                 | 31           | 623,172.109100  | 1,771,759.394000 |
| 31 - 32 | 36°01'38"SE | 17.99                 | 32           | 623,182.692400  | 1,771,744.841900 |
| 32 - 33 | 64°08'00"SE | 24.26                 | 33           | 623,204.520600  | 1,771,734.258400 |
| 33 - 34 | 86°18'31"NE | 20.55                 | 34           | 623,225.025800  | 1,771,735.581300 |
| 34 - 35 | 71°04'31"SE | 24.47                 | 35           | 623,248.176900  | 1,771,727.643800 |
| 35 - 36 | 48°10'48"SE | 16.86                 | 36           | 623,260.744600  | 1,771,716.399100 |
| 36 - 37 | 25°33'36"SE | 16.86                 | 37           | 623,268.020700  | 1,771,701.185500 |
| 37 - 38 | 59°45'30"SE | 36.90                 | 38           | 623,299.903100  | 1,771,682.598500 |
| 38 - 39 | 61°11'20"SE | 45.29                 | 39           | 623,339.590600  | 1,771,660.770300 |
| 39 - 40 | 53°58'21"SE | 26.99                 | 40           | 623,361.418800  | 1,771,644.895300 |
| 40 - 41 | 14°02'10"SW | 13.64                 | 41           | 623,358.111500  | 1,771,631.666000 |
| 41 - 42 | 60°15'20"SE | 16.00                 | 42           | 623,372.002200  | 1,771,623.728600 |
| 42 - 43 | 51°37'56"SE | 40.50                 | 43           | 623,403.752200  | 1,771,598.593000 |
| 43 - 44 | 68°57'45"SE | 27.64                 | 44           | 623,429.549200  | 1,771,588.671200 |
| 44 - 45 | 61°23'22"SE | 66.30                 | 45           | 623,487.757600  | 1,771,556.921100 |
| 45 - 46 | 66°38'40"SE | 31.70                 | 46           | 623,516.861800  | 1,771,544.353400 |
| 46 - 47 | 64°45'34"SE | 51.19                 | 47           | 623,563.164000  | 1,771,522.525300 |
| 47 - 48 | 62°49'07"SE | 55.02                 | 48           | 623,612.112000  | 1,771,497.389800 |
| 48 - 49 | 59°18'01"SE | 24.62                 | 49           | 623,633.278700  | 1,771,484.822100 |
| 49 - 50 | 32°54'18"SE | 26.79                 | 50           | 623,647.830800  | 1,771,462.332400 |
| 50 - 51 | 69°46'30"SE | 26.79                 | 51           | 623,672.966300  | 1,771,453.072000 |
| 51 - 52 | 54°17'35"SE | 26.07                 | 52           | 623,694.133000  | 1,771,437.858400 |
| 52 - 53 | 68°11'54"SE | 35.62                 | 53           | 623,727.205900  | 1,771,424.629100 |
| 53 - 54 | 49°30'50"SE | 35.66                 | 54           | 623,754.325800  | 1,771,401.478000 |
| 54 - 55 | 16°18'26"SE | 12.96                 | 55           | 623,757.963900  | 1,771,389.042700 |
| 55 - 56 | 64°13'49"SE | 42.60                 | 56           | 623,796.328500  | 1,771,370.521700 |
| 56 - 57 | 65°33'22"SE | 47.95                 | 57           | 623,839.984900  | 1,771,350.678000 |
| 57 - 58 | 64°21'32"SE | 55.03                 | 58           | 623,889.594300  | 1,771,326.865500 |
| 58 - 59 | 51°31'10"SE | 32.95                 | 59           | 623,915.391300  | 1,771,306.360100 |
| 59 - 60 | 70°01'01"SE | 38.71                 | 60           | 623,951.771600  | 1,771,293.131100 |
| 60 - 61 | 50°11'39"SE | 31.00                 | 61           | 623,975.584100  | 1,771,273.287200 |
| 61 - 62 | 68°57'45"SE | 18.43                 | 62           | 623,992.782000  | 1,771,266.672700 |
| 62 - 63 | 54°17'36"SE | 26.07                 | 63           | 624,013.948800  | 1,771,251.459100 |
| 63 - 64 | 61°17'38"SE | 31.67                 | 64           | 624,041.730100  | 1,771,236.245500 |
| 64 - 65 | 55°22'33"SE | 33.76                 | 65           | 624,069.511400  | 1,771,217.063200 |
| 65 - 66 | 67°18'22"SE | 39.43                 | 66           | 624,105.891700  | 1,771,201.849600 |
| 66 - 67 | 58°43'20"SE | 41.41                 | 67           | 624,141.279700  | 1,771,180.352200 |
| 67 - 68 | 50°02'32"SE | 31.93                 | 68           | 624,165.753700  | 1,771,159.846800 |
| 68 - 69 | 59°48'30"SE | 42.09                 | 69           | 624,202.134000  | 1,771,138.680100 |
| 69 - 70 | 58°19'28"SE | 36.53                 | 70           | 624,233.222600  | 1,771,119.497900 |
| 70 - 71 | 53°07'48"SE | 26.46                 | 71           | 624,254.389300  | 1,771,103.622900 |
| 71 - 72 | 54°05'25"SE | 23.68                 | 72           | 624,273.571700  | 1,771,089.732200 |
| 72 - 73 | 47°51'44"SE | 18.73                 | 73           | 624,287.462300  | 1,771,077.164500 |
| 73 - 74 | 63°26'05"SE | 35.50                 | 74           | 624,319.212400  | 1,771,061.289300 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 74 - 75   | 60°56'43"SE | 20.43                 | 75           | 624,337.071800  | 1,771,051.367400 |
| 75 - 76   | 64°26'25"SE | 16.86                 | 76           | 624,352.285400  | 1,771,044.091500 |
| 76 - 77   | 61°30'15"SE | 26.34                 | 77           | 624,375.436500  | 1,771,031.523700 |
| 77 - 78   | 43°36'10"SE | 19.18                 | 78           | 624,388.665700  | 1,771,017.633100 |
| 78 - 79   | 33°41'23"SE | 11.92                 | 79           | 624,395.280300  | 1,771,007.711100 |
| 79 - 80   | 53°50'30"SE | 21.30                 | 80           | 624,412.478200  | 1,770,995.143400 |
| 80 - 81   | 76°27'51"SE | 36.74                 | 81           | 624,448.197000  | 1,770,986.544500 |
| 81 - 82   | 72°53'50"SE | 17.99                 | 82           | 624,465.395000  | 1,770,981.252800 |
| 82 - 83   | 38°59'27"SE | 17.87                 | 83           | 624,476.639800  | 1,770,967.362100 |
| 83 - 84   | 64°03'28"SE | 27.22                 | 84           | 624,501.113800  | 1,770,955.455900 |
| 84 - 85   | 44°59'59"SE | 24.32                 | 85           | 624,518.311700  | 1,770,938.257900 |
| 85 - 86   | 55°49'51"SE | 24.14                 | 86           | 624,538.287800  | 1,770,924.697900 |
| 86 - 87   | 59°02'11"SE | 34.71                 | 87           | 624,568.053500  | 1,770,906.838600 |
| 87 - 88   | 54°05'25"SE | 23.68                 | 88           | 624,587.235800  | 1,770,892.948000 |
| 88 - 89   | 62°06'09"SE | 25.45                 | 89           | 624,609.725500  | 1,770,881.041600 |
| 89 - 90   | 64°39'14"SE | 27.81                 | 90           | 624,634.860900  | 1,770,869.135400 |
| 90 - 91   | 41°59'13"SE | 17.80                 | 91           | 624,646.767200  | 1,770,855.906100 |
| 91 - 92   | 27°53'50"SE | 25.45                 | 92           | 624,658.673500  | 1,770,833.416500 |
| 92 - 93   | 62°39'00"SE | 21.60                 | 93           | 624,677.855800  | 1,770,823.494600 |
| 93 - 94   | 59°39'24"SE | 31.42                 | 94           | 624,704.975700  | 1,770,807.619600 |
| 94 - 95   | 61°06'48"SE | 43.82                 | 95           | 624,743.340300  | 1,770,786.453000 |
| 95 - 96   | 46°58'29"SE | 13.57                 | 96           | 624,753.262200  | 1,770,777.192500 |
| 96 - 97   | 64°03'26"SE | 27.22                 | 97           | 624,777.736200  | 1,770,765.286100 |
| 97 - 98   | 47°29'22"SE | 21.54                 | 98           | 624,793.611300  | 1,770,750.734000 |
| 98 - 99   | 67°40'17"SE | 40.04                 | 99           | 624,830.653000  | 1,770,735.520500 |
| 99 - 100  | 64°23'52"SE | 35.21                 | 100          | 624,862.403100  | 1,770,720.307000 |
| 100 - 101 | 53°48'23"SE | 33.60                 | 101          | 624,889.522900  | 1,770,700.463100 |
| 101 - 102 | 37°28'34"SE | 25.00                 | 102          | 624,904.736500  | 1,770,680.619400 |
| 102 - 103 | 44°05'25"SE | 29.47                 | 103          | 624,925.241700  | 1,770,659.452600 |
| 103 - 104 | 77°58'26"SE | 26.98                 | 104          | 624,951.634000  | 1,770,653.830300 |
| 104 - 105 | 40°01'48"SE | 21.60                 | 105          | 624,965.524600  | 1,770,637.293800 |
| 105 - 106 | 84°38'38"NE | 21.26                 | 106          | 624,986.691300  | 1,770,639.278200 |
| 106 - 107 | 46°23'50"SE | 19.18                 | 107          | 625,000.582000  | 1,770,626.049000 |
| 107 - 108 | 56°18'35"SE | 31.00                 | 108          | 625,026.378900  | 1,770,608.851000 |
| 108 - 109 | 54°27'44"SE | 28.45                 | 109          | 625,049.530000  | 1,770,592.314500 |
| 109 - 110 | 61°23'22"SE | 16.58                 | 110          | 625,064.082100  | 1,770,584.377000 |
| 110 - 111 | 79°59'32"SE | 11.42                 | 111          | 625,075.326900  | 1,770,582.392700 |
| 111 - 112 | 30°04'06"SE | 14.52                 | 112          | 625,082.603000  | 1,770,569.824800 |
| 112 - 113 | 53°28'16"SE | 22.23                 | 113          | 625,100.462400  | 1,770,556.595600 |
| 113 - 114 | 41°00'33"SE | 20.16                 | 114          | 625,113.691600  | 1,770,541.382200 |
| 114 - 115 | 47°43'32"SE | 9.83                  | 115          | 625,120.967600  | 1,770,534.767500 |
| 115 - 116 | 73°44'23"SE | 16.54                 | 116          | 625,136.842700  | 1,770,530.137300 |
| 116 - 117 | 68°44'57"SE | 25.55                 | 117          | 625,160.655200  | 1,770,520.876800 |
| 117 - 118 | 65°41'44"SE | 22.50                 | 118          | 625,181.160500  | 1,770,511.616500 |
| 118 - 119 | 58°40'46"SE | 16.41                 | 119          | 625,195.183400  | 1,770,503.083600 |
| 119 - 120 | 44°59'58"SE | 11.23                 | 120          | 625,203.120900  | 1,770,495.146000 |
| 120 - 121 | 47°17'27"SE | 11.70                 | 121          | 625,211.719900  | 1,770,487.208600 |
| 121 - 122 | 60°15'18"SE | 16.00                 | 122          | 625,225.610600  | 1,770,479.271100 |
| 122 - 123 | 66°26'51"SE | 28.14                 | 123          | 625,251.407500  | 1,770,468.026300 |
| 123 - 124 | 52°18'19"SE | 18.39                 | 124          | 625,265.959600  | 1,770,456.781400 |
| 124 - 125 | 53°07'48"SE | 33.07                 | 125          | 625,292.418000  | 1,770,436.937700 |
| 125 - 126 | 61°37'51"SE | 37.59                 | 126          | 625,325.491000  | 1,770,419.078300 |
| 126 - 127 | 60°31'25"SE | 34.95                 | 127          | 625,355.918100  | 1,770,401.880200 |
| 127 - 128 | 65°09'27"SE | 39.36                 | 128          | 625,391.636900  | 1,770,385.343700 |
| 128 - 129 | 59°51'31"SE | 23.71                 | 129          | 625,412.142200  | 1,770,373.437500 |
| 129 - 130 | 41°38'00"SE | 31.86                 | 130          | 625,433.308900  | 1,770,349.625000 |
| 130 - 131 | 59°28'12"SE | 29.95                 | 131          | 625,459.105800  | 1,770,334.411300 |
| 131 - 132 | 66°54'54"SE | 43.86                 | 132          | 625,499.454900  | 1,770,317.213500 |
| 132 - 133 | 58°57'47"SE | 35.67                 | 133          | 625,530.014300  | 1,770,298.824800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 133 - 134 | 62°31'32"SE | 55.92                 | 134          | 625,579.623800  | 1,770,273.028000 |
| 134 - 135 | 69°49'45"SE | 34.53                 | 135          | 625,612.035300  | 1,770,261.121700 |
| 135 - 136 | 86°03'17"NE | 19.23                 | 136          | 625,631.217600  | 1,770,262.444600 |
| 136 - 137 | 45°00'00"SE | 4.68                  | 137          | 625,634.524900  | 1,770,259.137300 |
| 137 - 138 | 62°38'59"SE | 21.60                 | 138          | 625,653.707200  | 1,770,249.215300 |
| 138 - 139 | 64°17'25"SE | 19.82                 | 139          | 625,671.566700  | 1,770,240.616400 |
| 139 - 140 | 44°59'58"SE | 11.23                 | 140          | 625,679.504200  | 1,770,232.678800 |
| 140 - 141 | 42°42'34"SE | 11.70                 | 141          | 625,687.441700  | 1,770,224.079900 |
| 141 - 142 | 74°21'26"SE | 17.17                 | 142          | 625,703.978200  | 1,770,219.449600 |
| 142 - 143 | 64°59'00"SE | 21.90                 | 143          | 625,723.822000  | 1,770,210.189300 |
| 143 - 144 | 69°16'27"SE | 26.17                 | 144          | 625,748.296000  | 1,770,200.928800 |
| 144 - 145 | 80°32'16"SE | 16.09                 | 145          | 625,764.171000  | 1,770,198.283000 |
| 145 - 146 | 46°10'09"SE | 22.92                 | 146          | 625,780.707500  | 1,770,182.408000 |
| 146 - 147 | 55°40'11"SE | 65.68                 | 147          | 625,834.947200  | 1,770,145.366300 |
| 147 - 148 | 63°11'20"SE | 68.93                 | 148          | 625,896.462900  | 1,770,114.277700 |
| 148 - 149 | 64°15'33"SE | 41.12                 | 149          | 625,933.504700  | 1,770,096.418200 |
| 149 - 150 | 56°53'19"SE | 36.33                 | 150          | 625,963.931800  | 1,770,076.574500 |
| 150 - 151 | 71°47'56"SE | 30.71                 | 151          | 625,993.102200  | 1,770,066.983200 |
| 151 - 152 | 59°02'10"SE | 38.57                 | 152          | 626,026.175200  | 1,770,047.139500 |
| 152 - 153 | 65°02'13"SE | 42.32                 | 153          | 626,064.539800  | 1,770,029.280000 |
| 153 - 154 | 63°08'17"SE | 57.09                 | 154          | 626,115.472200  | 1,770,003.483200 |
| 154 - 155 | 66°48'04"SE | 15.11                 | 155          | 626,129.362900  | 1,769,997.530000 |
| 155 - 156 | 54°27'43"NE | 11.38                 | 156          | 626,138.623300  | 1,770,004.144600 |
| 156 - 157 | 83°39'35"NE | 11.98                 | 157          | 626,150.529600  | 1,770,005.467500 |
| 157 - 158 | 11°18'36"SE | 10.12                 | 158          | 626,152.514000  | 1,769,995.545600 |
| 158 - 159 | 31°36'27"SE | 10.10                 | 159          | 626,157.805700  | 1,769,986.946600 |
| 159 - 160 | 49°45'49"SE | 22.53                 | 160          | 626,175.003600  | 1,769,972.394600 |
| 160 - 161 | 68°18'17"SE | 66.21                 | 161          | 626,236.519300  | 1,769,947.920600 |
| 161 - 162 | 65°36'48"SE | 54.47                 | 162          | 626,286.128800  | 1,769,925.430900 |
| 162 - 163 | 66°30'05"SE | 49.77                 | 163          | 626,331.769500  | 1,769,905.587100 |
| 163 - 164 | 64°08'01"SE | 24.26                 | 164          | 626,353.597700  | 1,769,895.003800 |
| 164 - 165 | 66°15'01"SE | 36.13                 | 165          | 626,386.670700  | 1,769,880.451600 |
| 165 - 166 | 69°46'30"SE | 53.57                 | 166          | 626,436.941600  | 1,769,861.930700 |
| 166 - 167 | 66°35'43"SE | 48.29                 | 167          | 626,481.259400  | 1,769,842.748500 |
| 167 - 168 | 67°59'18"SE | 33.53                 | 168          | 626,512.348000  | 1,769,830.180700 |
| 168 - 169 | 71°13'19"SE | 34.93                 | 169          | 626,545.421000  | 1,769,818.935900 |
| 169 - 170 | 70°00'17"SE | 53.78                 | 170          | 626,595.956500  | 1,769,800.547200 |
| 170 - 171 | 70°36'08"SE | 49.79                 | 171          | 626,642.920200  | 1,769,784.010800 |
| 171 - 172 | 73°07'25"SE | 61.52                 | 172          | 626,701.790100  | 1,769,766.151400 |
| 172 - 173 | 76°14'21"SE | 66.74                 | 173          | 626,766.613100  | 1,769,750.276400 |
| 173 - 174 | 66°56'18"SE | 72.61                 | 174          | 626,833.420500  | 1,769,721.833600 |
| 174 - 175 | 76°25'46"SE | 39.47                 | 175          | 626,871.785200  | 1,769,712.573200 |
| 175 - 176 | 87°57'16"NE | 18.53                 | 176          | 626,890.306100  | 1,769,713.234700 |
| 176 - 177 | 71°33'53"SE | 27.19                 | 177          | 626,916.103000  | 1,769,704.635700 |
| 177 - 178 | 60°24'27"SE | 61.62                 | 178          | 626,969.681200  | 1,769,674.208400 |
| 178 - 179 | 63°26'06"SE | 44.37                 | 179          | 627,009.368800  | 1,769,654.364700 |
| 179 - 180 | 66°25'31"SE | 39.69                 | 180          | 627,045.749100  | 1,769,638.489700 |
| 180 - 181 | 60°56'43"SE | 61.29                 | 181          | 627,099.327300  | 1,769,608.724000 |
| 181 - 182 | 57°38'43"SE | 29.91                 | 182          | 627,124.595100  | 1,769,592.716600 |
| 182 - 183 | 58°57'42"SE | 87.23                 | 183          | 627,199.340000  | 1,769,547.737400 |
| 183 - 184 | 54°58'30"SE | 94.51                 | 184          | 627,276.730800  | 1,769,493.497800 |
| 184 - 185 | 55°13'51"SE | 97.43                 | 185          | 627,356.767400  | 1,769,437.935100 |
| 185 - 186 | 54°30'57"SE | 82.04                 | 186          | 627,423.574800  | 1,769,390.310000 |
| 186 - 187 | 55°47'13"SE | 34.59                 | 187          | 627,452.176400  | 1,769,370.863000 |
| 187 - 188 | 54°38'15"SE | 30.17                 | 188          | 627,476.782700  | 1,769,353.400600 |
| 188 - 189 | 53°44'46"SE | 29.53                 | 189          | 627,500.595200  | 1,769,335.938100 |
| 189 - 190 | 87°23'52"NE | 17.48                 | 190          | 627,518.057700  | 1,769,336.731700 |
| 190 - 191 | 42°08'15"SE | 22.48                 | 191          | 627,533.139000  | 1,769,320.063000 |
| 191 - 192 | 62°21'14"SE | 18.82                 | 192          | 627,549.807800  | 1,769,311.331700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 192 - 193 | 81°01'39"SE | 15.27                 | 193          | 627,564.889100  | 1,769,308.950500 |
| 193 - 194 | 72°38'46"SE | 13.31                 | 194          | 627,577.589100  | 1,769,304.981800 |
| 194 - 195 | 29°03'15"SE | 16.34                 | 195          | 627,585.526600  | 1,769,290.694100 |
| 195 - 196 | 55°47'04"SE | 24.00                 | 196          | 627,605.370400  | 1,769,277.200400 |
| 196 - 197 | 60°31'27"SE | 20.97                 | 197          | 627,623.626700  | 1,769,266.881700 |
| 197 - 198 | 52°41'45"SE | 20.96                 | 198          | 627,640.295500  | 1,769,254.181600 |
| 198 - 199 | 58°08'02"SE | 34.58                 | 199          | 627,669.664300  | 1,769,235.925400 |
| 199 - 200 | 59°27'08"SE | 56.22                 | 200          | 627,718.083100  | 1,769,207.350300 |
| 200 - 201 | 58°23'32"SE | 60.58                 | 201          | 627,769.677000  | 1,769,175.600200 |
| 201 - 202 | 59°22'53"SE | 45.20                 | 202          | 627,808.570800  | 1,769,152.581500 |
| 202 - 203 | 58°31'22"SE | 45.60                 | 203          | 627,847.464700  | 1,769,128.768800 |
| 203 - 204 | 59°14'14"SE | 38.80                 | 204          | 627,880.802200  | 1,769,108.925100 |
| 204 - 205 | 53°57'47"SE | 105.91                | 205          | 627,966.448000  | 1,769,046.615500 |
| 205 - 206 | 56°27'31"SE | 84.76                 | 206          | 628,037.091900  | 1,768,999.784300 |
| 206 - 207 | 53°58'21"SE | 43.18                 | 207          | 628,072.017000  | 1,768,974.384200 |
| 207 - 208 | 41°59'13"SE | 32.04                 | 208          | 628,093.448300  | 1,768,950.571600 |
| 208 - 209 | 49°41'09"SE | 33.37                 | 209          | 628,118.896800  | 1,768,928.978900 |
| 209 - 210 | 44°59'02"SE | 45.27                 | 210          | 628,150.899000  | 1,768,896.959000 |
| 210 - 211 | 55°12'04"SE | 47.12                 | 211          | 628,189.592600  | 1,768,870.067500 |
| 211 - 212 | 60°56'42"SW | 15.52                 | 212          | 628,176.024500  | 1,768,862.529600 |
| 212 - 213 | 79°12'58"SW | 14.14                 | 213          | 628,162.133800  | 1,768,859.883900 |
| 213 - 214 | 62°52'29"SW | 50.76                 | 214          | 628,116.960000  | 1,768,836.742400 |

A partir de este vértice 214 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 6,1719.23 metros hasta llegar al vértice 215.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 215 | 622,311.916300 | 1,772,220.458500 |
| 215 - 1 | 34°06'52"NE | 93.48 | 1   |                |                  |

### Zona Núcleo

#### “Bahía 3”

(Superficie 11-73-21.00 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 628,234.232900  | 1,768,817.550500 |
| 1 - 2   | 26°33'54"SE | 10.98                 | 2            | 628,239.142800  | 1,768,807.730700 |
| 2 - 3   | 63°04'23"SE | 182.38                | 3            | 628,401.750400  | 1,768,725.139700 |
| 3 - 4   | 54°07'05"SE | 13.80                 | 4            | 628,412.933300  | 1,768,717.050000 |
| 4 - 5   | 58°42'24"SE | 47.37                 | 5            | 628,453.414600  | 1,768,692.443700 |
| 5 - 6   | 42°16'24"SE | 23.60                 | 6            | 628,469.289600  | 1,768,674.981100 |
| 6 - 7   | 77°11'44"SE | 17.91                 | 7            | 628,486.752200  | 1,768,671.012300 |
| 7 - 8   | 75°04'05"NE | 12.32                 | 8            | 628,498.658500  | 1,768,674.187400 |
| 8 - 9   | 56°53'18"SE | 21.80                 | 9            | 628,516.914700  | 1,768,662.281100 |
| 9 - 10  | 51°57'10"SE | 23.18                 | 10           | 628,535.171000  | 1,768,647.993600 |
| 10 - 11 | 69°04'31"SE | 28.89                 | 11           | 628,562.158600  | 1,768,637.674700 |
| 11 - 12 | 62°09'08"SE | 47.58                 | 12           | 628,604.227400  | 1,768,615.449700 |
| 12 - 13 | 52°45'54"SE | 24.92                 | 13           | 628,624.071200  | 1,768,600.368400 |
| 13 - 14 | 55°24'27"SE | 27.96                 | 14           | 628,647.090000  | 1,768,584.493400 |
| 14 - 15 | 59°55'53"SE | 52.28                 | 15           | 628,692.333800  | 1,768,558.299600 |
| 15 - 16 | 58°56'05"SE | 76.91                 | 16           | 628,758.215200  | 1,768,518.612100 |
| 16 - 17 | 29°01'44"SE | 17.34                 | 17           | 628,766.629000  | 1,768,503.451400 |
| 17 - 18 | 61°36'25"SE | 33.38                 | 18           | 628,795.997800  | 1,768,487.576400 |
| 18 - 19 | 55°18'17"SE | 25.10                 | 19           | 628,816.635300  | 1,768,473.288900 |
| 19 - 20 | 58°52'39"SE | 49.14                 | 20           | 628,858.704200  | 1,768,447.888800 |
| 20 - 21 | 61°55'38"SE | 80.96                 | 21           | 628,930.141800  | 1,768,409.788700 |
| 21 - 22 | 59°14'14"SE | 77.59                 | 22           | 628,996.817000  | 1,768,370.101000 |
| 22 - 23 | 59°52'32"SE | 74.33                 | 23           | 629,061.110800  | 1,768,332.794700 |
| 23 - 24 | 51°20'24"SE | 60.99                 | 24           | 629,108.735900  | 1,768,294.694600 |
| 24 - 25 | 55°12'14"SE | 57.03                 | 25           | 629,155.567300  | 1,768,262.150900 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 25 - 26 | 52°13'27"SE | 80.34                 | 26           | 629,219.067400  | 1,768,212.938300 |
| 26 - 27 | 41°52'40"SE | 61.83                 | 27           | 629,260.342500  | 1,768,166.900600 |
| 27 - 28 | 42°56'20"SE | 51.50                 | 28           | 629,295.426300  | 1,768,129.197500 |
| 28 - 29 | 54°01'39"SE | 60.81                 | 29           | 629,344.638900  | 1,768,093.478700 |
| 29 - 30 | 45°46'27"SE | 83.08                 | 30           | 629,404.170300  | 1,768,035.534900 |
| 30 - 31 | 47°07'15"SE | 60.66                 | 31           | 629,448.620400  | 1,767,994.259800 |
| 31 - 32 | 37°11'04"SE | 28.89                 | 32           | 629,466.082900  | 1,767,971.241000 |
| 32 - 33 | 89°14'00"NW | 17.32                 | 33           | 629,448.760100  | 1,767,971.472800 |
| 33 - 34 | 78°13'53"SW | 32.43                 | 34           | 629,417.010000  | 1,767,964.858100 |
| 34 - 35 | 84°44'21"SW | 41.97                 | 35           | 629,375.217200  | 1,767,961.010100 |

A partir de este vértice 35 se continúa por el límite de la línea de costa con un rumbo general NW y una distancia aproximada de 1,415.27 m hasta llegar al vértice 36.

|        |             |       |    |                |                  |
|--------|-------------|-------|----|----------------|------------------|
|        |             |       | 36 | 628,210.352200 | 1,768,764.805200 |
| 36 - 1 | 24°21'31"NE | 57.90 | 1  |                |                  |

### Zona Núcleo

#### “Bahía 4”

(Superficie 26-69-76.48 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 630,825.373500  | 1,767,126.304400 |
| 1 - 2   | 72°51'44"SE | 81.66                 | 2            | 630,903.408300  | 1,767,102.241600 |
| 2 - 3   | 76°20'07"SE | 89.04                 | 3            | 630,989.927200  | 1,767,081.207300 |
| 3 - 4   | 74°16'04"SE | 58.55                 | 4            | 631,046.283600  | 1,767,065.332200 |
| 4 - 5   | 62°11'55"SE | 49.35                 | 5            | 631,089.939900  | 1,767,042.313500 |
| 5 - 6   | 67°37'10"SE | 58.37                 | 6            | 631,143.915000  | 1,767,020.088300 |
| 6 - 7   | 69°32'37"SE | 106.74                | 7            | 631,243.927700  | 1,766,982.782100 |
| 7 - 8   | 68°11'55"SE | 55.57                 | 8            | 631,295.521600  | 1,766,962.144600 |
| 8 - 9   | 76°36'26"SE | 34.27                 | 9            | 631,328.859100  | 1,766,954.207000 |
| 9 - 10  | 70°56'01"SE | 36.45                 | 10           | 631,363.307900  | 1,766,942.300700 |
| 10 - 11 | 74°13'09"SE | 37.94                 | 11           | 631,399.820500  | 1,766,931.982000 |
| 11 - 12 | 83°20'43"SE | 47.95                 | 12           | 631,447.445600  | 1,766,926.425700 |
| 12 - 13 | 69°26'37"SE | 27.13                 | 13           | 631,472.845700  | 1,766,916.900600 |
| 13 - 14 | 63°26'05"SE | 51.47                 | 14           | 631,518.883200  | 1,766,893.881800 |
| 14 - 15 | 72°50'17"SE | 56.49                 | 15           | 631,572.858400  | 1,766,877.213100 |
| 15 - 16 | 70°38'27"SE | 62.26                 | 16           | 631,631.596000  | 1,766,856.575600 |
| 16 - 17 | 74°36'15"SE | 56.81                 | 17           | 631,686.364800  | 1,766,841.494300 |
| 17 - 18 | 71°33'54"SE | 30.12                 | 18           | 631,714.939900  | 1,766,831.969300 |
| 18 - 19 | 88°29'32"NE | 15.09                 | 19           | 631,730.021200  | 1,766,832.366200 |
| 19 - 20 | 76°45'34"SE | 41.59                 | 20           | 631,770.502500  | 1,766,822.841200 |
| 20 - 21 | 75°57'49"SE | 22.91                 | 21           | 631,792.727500  | 1,766,817.284900 |
| 21 - 22 | 78°41'24"SE | 48.57                 | 22           | 631,840.352600  | 1,766,807.759900 |
| 22 - 23 | 76°15'03"SE | 76.81                 | 23           | 631,914.965300  | 1,766,789.503500 |
| 23 - 24 | 71°04'32"SE | 29.37                 | 24           | 631,942.746600  | 1,766,779.978600 |
| 24 - 25 | 77°39'38"SE | 26.00                 | 25           | 631,968.146600  | 1,766,774.422300 |
| 25 - 26 | 82°00'38"SE | 45.69                 | 26           | 632,013.390500  | 1,766,768.072300 |
| 26 - 27 | 81°28'09"SE | 48.16                 | 27           | 632,061.015600  | 1,766,760.928600 |
| 27 - 28 | 79°06'51"SE | 42.03                 | 28           | 632,102.290700  | 1,766,752.990900 |
| 28 - 29 | 86°59'14"SE | 30.20                 | 29           | 632,132.453200  | 1,766,751.403500 |
| 29 - 30 | 83°26'35"SE | 83.41                 | 30           | 632,215.320900  | 1,766,741.878500 |
| 30 - 31 | 87°59'25"SE | 45.27                 | 31           | 632,260.564700  | 1,766,740.290900 |
| 31 - 32 | 82°52'30"SE | 44.80                 | 32           | 632,305.014800  | 1,766,734.734700 |
| 32 - 33 | 83°12'39"SE | 67.15                 | 33           | 632,371.690000  | 1,766,726.797200 |
| 33 - 34 | 83°46'26"SE | 43.92                 | 34           | 632,415.346300  | 1,766,722.034600 |
| 34 - 35 | 84°57'27"SE | 54.18                 | 35           | 632,469.321400  | 1,766,717.272200 |
| 35 - 36 | 82°45'46"SE | 50.41                 | 36           | 632,519.327700  | 1,766,710.922100 |
| 36 - 37 | 88°23'11"SE | 56.38                 | 37           | 632,575.684100  | 1,766,709.334700 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 37 - 38 | 82°31'42"SE | 97.67                 | 38           | 632,672.521800  | 1,766,696.634600 |
| 38 - 39 | 83°55'39"SE | 75.03                 | 39           | 632,747.134500  | 1,766,688.697200 |
| 39 - 40 | 85°54'51"SE | 77.99                 | 40           | 632,824.922100  | 1,766,683.140800 |
| 40 - 41 | 86°38'01"SE | 54.07                 | 41           | 632,878.897200  | 1,766,679.965900 |
| 41 - 42 | 80°52'55"SE | 65.12                 | 42           | 632,943.191100  | 1,766,669.647000 |
| 42 - 43 | 86°00'33"SE | 102.64                | 43           | 633,045.585100  | 1,766,662.503400 |
| 43 - 44 | 81°43'52"SE | 78.93                 | 44           | 633,123.690200  | 1,766,651.152600 |
| 44 - 45 | 82°24'19"SE | 48.05                 | 45           | 633,171.315300  | 1,766,644.802600 |
| 45 - 46 | 84°58'48"SE | 117.93                | 46           | 633,288.790500  | 1,766,634.483900 |
| 46 - 47 | 82°36'50"SE | 43.22                 | 47           | 633,331.653100  | 1,766,628.927700 |
| 47 - 48 | 78°54'22"SE | 41.25                 | 48           | 633,372.134500  | 1,766,620.990100 |
| 48 - 49 | 83°30'33"SE | 133.41                | 49           | 633,504.691000  | 1,766,605.908800 |
| 49 - 50 | 82°35'35"SE | 80.04                 | 50           | 633,584.066100  | 1,766,595.590000 |
| 50 - 51 | 81°03'51"SE | 127.76                | 51           | 633,710.272600  | 1,766,575.746200 |
| 51 - 52 | 83°25'04"SE | 62.32                 | 52           | 633,772.185300  | 1,766,568.602400 |
| 52 - 53 | 81°31'44"SE | 75.44                 | 53           | 633,846.797900  | 1,766,557.490000 |
| 53 - 54 | 83°46'26"SE | 43.92                 | 54           | 633,890.454200  | 1,766,552.727400 |
| 54 - 55 | 79°09'05"SE | 46.39                 | 55           | 633,936.015600  | 1,766,543.996200 |
| 55 - 56 | 84°11'35"SE | 47.07                 | 56           | 633,982.846900  | 1,766,539.233600 |
| 56 - 57 | 80°17'36"SE | 61.20                 | 57           | 634,043.172000  | 1,766,528.914900 |
| 57 - 58 | 82°02'32"SE | 74.54                 | 58           | 634,116.990900  | 1,766,518.596100 |
| 58 - 59 | 81°26'21"SE | 74.65                 | 59           | 634,190.809800  | 1,766,507.483700 |
| 59 - 60 | 78°55'02"SE | 78.46                 | 60           | 634,267.803700  | 1,766,492.402300 |
| 60 - 61 | 83°39'35"SE | 64.69                 | 61           | 634,332.097600  | 1,766,485.258600 |
| 61 - 62 | 78°31'49"SE | 55.88                 | 62           | 634,386.866500  | 1,766,474.146100 |
| 62 - 63 | 82°19'59"SE | 83.29                 | 63           | 634,469.416600  | 1,766,463.033600 |
| 63 - 64 | 78°41'24"SE | 68.81                 | 64           | 634,536.885500  | 1,766,449.539800 |
| 64 - 65 | 82°42'39"SE | 68.82                 | 65           | 634,605.148200  | 1,766,440.808500 |
| 65 - 66 | 77°00'19"SE | 52.95                 | 66           | 634,656.742000  | 1,766,428.902200 |
| 66 - 67 | 80°41'24"SE | 49.07                 | 67           | 634,705.160900  | 1,766,420.964700 |
| 67 - 68 | 81°44'06"SE | 55.68                 | 68           | 634,760.260500  | 1,766,412.961100 |
| 68 - 69 | 83°07'05"SE | 77.29                 | 69           | 634,836.989800  | 1,766,403.700500 |
| 69 - 70 | 76°49'38"SE | 63.86                 | 70           | 634,899.167000  | 1,766,389.148400 |
| 70 - 71 | 83°28'49"SE | 46.60                 | 71           | 634,945.469200  | 1,766,383.856900 |
| 71 - 72 | 75°57'48"SE | 32.73                 | 72           | 634,977.219200  | 1,766,375.919200 |
| 72 - 73 | 78°57'32"SE | 55.26                 | 73           | 635,031.458900  | 1,766,365.335900 |
| 73 - 74 | 78°10'42"SE | 58.12                 | 74           | 635,088.344400  | 1,766,353.429700 |
| 74 - 75 | 79°50'44"SE | 90.05                 | 75           | 635,176.980000  | 1,766,337.554700 |
| 75 - 76 | 79°32'24"SE | 87.44                 | 76           | 635,262.969800  | 1,766,321.679700 |
| 76 - 77 | 75°40'37"SE | 64.17                 | 77           | 635,325.147000  | 1,766,305.804500 |
| 77 - 78 | 83°46'27"SE | 73.19                 | 78           | 635,397.907600  | 1,766,297.867000 |
| 78 - 79 | 78°16'00"SE | 175.65                | 79           | 635,569.887100  | 1,766,262.148200 |
| 79 - 80 | 84°33'35"SE | 55.81                 | 80           | 635,625.449700  | 1,766,256.856600 |
| 80 - 81 | 81°38'02"SE | 45.46                 | 81           | 635,670.428900  | 1,766,250.242000 |
| 81 - 82 | 77°44'06"SE | 62.28                 | 82           | 635,731.283200  | 1,766,237.012700 |
| 82 - 83 | 79°33'45"SE | 51.12                 | 83           | 635,781.554200  | 1,766,227.752300 |
| 83 - 84 | 74°44'41"SE | 60.33                 | 84           | 635,839.762600  | 1,766,211.877300 |
| 84 - 85 | 77°54'19"SE | 56.82                 | 85           | 635,895.325200  | 1,766,199.971100 |
| 85 - 86 | 79°22'48"SE | 86.14                 | 86           | 635,979.992100  | 1,766,184.095900 |
| 86 - 87 | 81°19'37"SE | 78.96                 | 87           | 636,058.044300  | 1,766,172.189800 |
| 87 - 88 | 75°22'44"SE | 31.45                 | 88           | 636,088.471400  | 1,766,164.252300 |
| 88 - 89 | 73°36'37"SE | 46.88                 | 89           | 636,133.450700  | 1,766,151.023100 |
| 89 - 90 | 81°25'14"SE | 62.08                 | 90           | 636,194.834200  | 1,766,141.762500 |
| 90 - 91 | 81°05'06"SE | 68.29                 | 91           | 636,262.303000  | 1,766,131.179200 |
| 91 - 92 | 76°42'05"SE | 74.77                 | 92           | 636,335.063600  | 1,766,113.981300 |
| 92 - 93 | 81°15'13"SE | 34.80                 | 93           | 636,369.459500  | 1,766,108.689600 |
| 93 - 94 | 79°12'57"SE | 28.28                 | 94           | 636,397.240800  | 1,766,103.398000 |
| 94 - 95 | 77°11'44"SE | 59.69                 | 95           | 636,455.449300  | 1,766,090.168700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 95 - 96   | 80°32'16"SE | 48.28                 | 96           | 636,503.074400  | 1,766,082.231300 |
| 96 - 97   | 76°36'26"SE | 57.12                 | 97           | 636,558.637000  | 1,766,069.002100 |
| 97 - 98   | 78°55'46"SE | 62.01                 | 98           | 636,619.491300  | 1,766,057.095700 |
| 98 - 99   | 79°49'28"SE | 52.42                 | 99           | 636,671.085100  | 1,766,047.835300 |
| 99 - 100  | 81°23'04"SE | 44.15                 | 100          | 636,714.741500  | 1,766,041.220800 |
| 100 - 101 | 77°16'32"SE | 42.04                 | 101          | 636,755.752000  | 1,766,031.960300 |
| 101 - 102 | 83°39'35"SE | 59.90                 | 102          | 636,815.283300  | 1,766,025.345700 |
| 102 - 103 | 72°53'50"SE | 35.99                 | 103          | 636,849.679200  | 1,766,014.762400 |
| 103 - 104 | 77°11'44"SE | 29.85                 | 104          | 636,878.783400  | 1,766,008.147800 |
| 104 - 105 | 80°47'20"SE | 49.59                 | 105          | 636,927.731500  | 1,766,000.210300 |
| 105 - 106 | 79°02'44"SE | 83.54                 | 106          | 637,009.752500  | 1,765,984.335100 |
| 106 - 107 | 77°54'18"SE | 75.77                 | 107          | 637,083.835900  | 1,765,968.460100 |
| 107 - 108 | 78°25'29"SE | 112.08                | 108          | 637,193.638200  | 1,765,945.970600 |
| 108 - 109 | 79°59'31"SE | 68.51                 | 109          | 637,261.107100  | 1,765,934.064300 |
| 109 - 110 | 67°12'11"SE | 19.80                 | 110          | 637,279.363400  | 1,765,926.391300 |
| 110 - 111 | 74°03'16"SE | 57.79                 | 111          | 637,334.926000  | 1,765,910.516300 |
| 111 - 112 | 84°43'50"SE | 11.14                 | 112          | 637,346.018000  | 1,765,909.493300 |
| 112 - 113 | 07°59'21"SW | 43.07                 | 113          | 637,340.031700  | 1,765,866.840700 |

A partir de este vértice 113 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 6,639.97 metros hasta llegar al vértice 114.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 114 | 630,814.303200 | 1,767,093.258600 |
| 114 - 1 | 18°31'14"NE | 34.85 | 1   |                |                  |

### Zona Núcleo

#### "Bahía 5"

(Superficie 57-41-00.64 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
|         |             |                       | 1            | 645,116.406900  | 1,767,016.214300 |
| 1 - 2   | 84°46'34"SE | 8.26                  | 2            | 645,124.634400  | 1,767,015.462100 |
| 2 - 3   | 87°21'14"NE | 52.59                 | 3            | 645,177.166400  | 1,767,017.889900 |
| 3 - 4   | 82°28'33"SE | 17.99                 | 4            | 645,195.003700  | 1,767,015.534000 |
| 4 - 5   | 82°20'19"SE | 0.82                  | 5            | 645,195.820700  | 1,767,015.424100 |
| 5 - 6   | 83°49'40"NE | 18.08                 | 6            | 645,213.794700  | 1,767,017.367800 |
| 6 - 7   | 87°27'47"SE | 33.75                 | 7            | 645,247.510100  | 1,767,015.874100 |
| 7 - 8   | 89°47'33"NE | 29.16                 | 8            | 645,276.666200  | 1,767,015.979600 |
| 8 - 9   | 82°47'07"SE | 25.41                 | 9            | 645,301.872800  | 1,767,012.788700 |
| 9 - 10  | 79°47'01"NE | 18.07                 | 10           | 645,319.652700  | 1,767,015.993000 |
| 10 - 11 | 87°25'30"SE | 25.54                 | 11           | 645,345.167200  | 1,767,014.845600 |
| 11 - 12 | 86°05'16"SE | 36.63                 | 12           | 645,381.709600  | 1,767,012.346700 |
| 12 - 13 | 84°32'13"SE | 34.42                 | 13           | 645,415.970400  | 1,767,009.070200 |
| 13 - 14 | 85°55'00"SE | 34.81                 | 14           | 645,450.692000  | 1,767,006.591500 |
| 14 - 15 | 88°35'06"SE | 23.75                 | 15           | 645,474.433200  | 1,767,006.005100 |
| 15 - 16 | 84°36'07"SE | 29.24                 | 16           | 645,503.543000  | 1,767,003.254500 |
| 16 - 17 | 85°55'53"SE | 31.82                 | 17           | 645,535.283800  | 1,767,000.996800 |
| 17 - 18 | 82°27'52"SE | 27.88                 | 18           | 645,562.919100  | 1,766,997.341200 |
| 18 - 19 | 86°35'55"SE | 26.27                 | 19           | 645,589.140200  | 1,766,995.782800 |
| 19 - 20 | 87°53'52"SE | 26.57                 | 20           | 645,615.694800  | 1,766,994.808100 |
| 20 - 21 | 84°09'25"SE | 26.40                 | 21           | 645,641.954900  | 1,766,992.120800 |
| 21 - 22 | 88°54'54"SE | 26.59                 | 22           | 645,668.535700  | 1,766,991.617500 |
| 22 - 23 | 88°12'36"SE | 24.19                 | 23           | 645,692.712500  | 1,766,990.862000 |
| 23 - 24 | 86°20'31"SE | 27.07                 | 24           | 645,719.729000  | 1,766,989.134900 |
| 24 - 25 | 84°10'24"SE | 29.29                 | 25           | 645,748.871000  | 1,766,986.161100 |
| 25 - 26 | 85°43'08"SE | 29.49                 | 26           | 645,778.279200  | 1,766,983.959700 |
| 26 - 27 | 87°01'18"SE | 59.09                 | 27           | 645,837.284800  | 1,766,980.889800 |
| 27 - 28 | 84°15'25"SE | 57.86                 | 28           | 645,894.855500  | 1,766,975.100000 |
| 28 - 29 | 83°35'18"SE | 25.26                 | 29           | 645,919.961300  | 1,766,972.278800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|--------------|-----------------|------------------|
|         |             |                       |              | X               | Y                |
| 29 - 30 | 86°20'40"SE | 24.92                 | 30           | 645,944.830700  | 1,766,970.690000 |
| 30 - 31 | 81°10'05"SE | 24.18                 | 31           | 645,968.727100  | 1,766,966.977000 |
| 31 - 32 | 83°43'24"SE | 24.52                 | 32           | 645,993.101300  | 1,766,964.296200 |
| 32 - 33 | 88°53'27"SE | 25.32                 | 33           | 646,018.420700  | 1,766,963.806100 |
| 33 - 34 | 84°46'59"SE | 26.38                 | 34           | 646,044.692900  | 1,766,961.407400 |
| 34 - 35 | 80°43'06"SE | 21.29                 | 35           | 646,065.702800  | 1,766,957.973900 |
| 35 - 36 | 84°22'49"SE | 25.09                 | 36           | 646,090.668200  | 1,766,955.517400 |
| 36 - 37 | 85°45'42"SE | 22.93                 | 37           | 646,113.537500  | 1,766,953.822600 |
| 37 - 38 | 75°18'11"NE | 22.79                 | 38           | 646,135.580300  | 1,766,959.604100 |
| 38 - 39 | 81°46'35"NE | 26.68                 | 39           | 646,161.985000  | 1,766,963.420100 |
| 39 - 40 | 85°46'11"SE | 24.36                 | 40           | 646,186.279800  | 1,766,961.623100 |
| 40 - 41 | 83°37'24"SE | 26.67                 | 41           | 646,212.781800  | 1,766,958.661400 |
| 41 - 42 | 85°01'43"SE | 31.27                 | 42           | 646,243.936900  | 1,766,955.951400 |
| 42 - 43 | 84°10'06"SE | 59.14                 | 43           | 646,302.772500  | 1,766,949.942400 |
| 43 - 44 | 87°06'15"SE | 20.55                 | 44           | 646,323.297500  | 1,766,948.904200 |
| 44 - 45 | 88°28'12"SE | 36.39                 | 45           | 646,359.678400  | 1,766,947.932500 |
| 45 - 46 | 86°36'08"SE | 38.13                 | 46           | 646,397.743900  | 1,766,945.672500 |
| 46 - 47 | 85°43'43"SE | 31.96                 | 47           | 646,429.616600  | 1,766,943.292100 |
| 47 - 48 | 87°25'02"SE | 23.80                 | 48           | 646,453.394400  | 1,766,942.219600 |
| 48 - 49 | 83°44'35"SE | 33.43                 | 49           | 646,486.628700  | 1,766,938.575900 |
| 49 - 50 | 85°28'17"SE | 32.97                 | 50           | 646,519.492600  | 1,766,935.973000 |
| 50 - 51 | 86°24'05"SE | 33.53                 | 51           | 646,552.951800  | 1,766,933.868800 |
| 51 - 52 | 84°29'48"SE | 33.28                 | 52           | 646,586.079100  | 1,766,930.677200 |
| 52 - 53 | 85°02'14"SE | 30.55                 | 53           | 646,616.513200  | 1,766,928.034500 |
| 53 - 54 | 83°11'55"SE | 34.22                 | 54           | 646,650.489200  | 1,766,923.982300 |
| 54 - 55 | 84°11'33"SE | 56.33                 | 55           | 646,706.533100  | 1,766,918.282400 |
| 55 - 56 | 89°08'54"NE | 25.73                 | 56           | 646,732.259800  | 1,766,918.664800 |
| 56 - 57 | 85°27'09"SE | 72.77                 | 57           | 646,804.796800  | 1,766,912.895700 |
| 57 - 58 | 80°30'31"SE | 60.75                 | 58           | 646,864.712900  | 1,766,902.878700 |
| 58 - 59 | 88°32'35"SE | 26.07                 | 59           | 646,890.773400  | 1,766,902.216000 |
| 59 - 60 | 85°51'57"SE | 28.80                 | 60           | 646,919.498900  | 1,766,900.139800 |
| 60 - 61 | 82°54'23"SE | 26.82                 | 61           | 646,946.111900  | 1,766,896.828100 |
| 61 - 62 | 81°40'44"SE | 25.23                 | 62           | 646,971.080400  | 1,766,893.176300 |
| 62 - 63 | 85°50'24"SE | 24.96                 | 63           | 646,995.974600  | 1,766,891.365700 |
| 63 - 64 | 85°04'02"SE | 31.23                 | 64           | 647,027.088200  | 1,766,888.680400 |
| 64 - 65 | 82°09'04"SE | 19.48                 | 65           | 647,046.386600  | 1,766,886.020100 |
| 65 - 66 | 85°17'42"SE | 29.37                 | 66           | 647,075.659200  | 1,766,883.610900 |
| 66 - 67 | 80°43'17"SE | 29.36                 | 67           | 647,104.637000  | 1,766,878.876800 |
| 67 - 68 | 84°54'41"SE | 24.67                 | 68           | 647,129.205600  | 1,766,876.689100 |
| 68 - 69 | 84°05'12"SE | 51.81                 | 69           | 647,180.735900  | 1,766,871.352000 |
| 69 - 70 | 81°59'28"SE | 34.57                 | 70           | 647,214.970400  | 1,766,866.535300 |
| 70 - 71 | 83°28'35"SE | 26.13                 | 71           | 647,240.929600  | 1,766,863.566900 |
| 71 - 72 | 85°19'11"SE | 31.54                 | 72           | 647,272.363500  | 1,766,860.993600 |
| 72 - 73 | 82°14'35"SE | 20.91                 | 73           | 647,293.079100  | 1,766,858.171800 |
| 73 - 74 | 85°51'30"SE | 32.14                 | 74           | 647,325.139000  | 1,766,855.850300 |
| 74 - 75 | 82°50'51"SE | 28.28                 | 75           | 647,353.198500  | 1,766,852.329300 |
| 75 - 76 | 84°03'15"SE | 27.02                 | 76           | 647,380.068800  | 1,766,849.530900 |
| 76 - 77 | 79°47'22"SE | 42.69                 | 77           | 647,422.081500  | 1,766,841.963700 |
| 77 - 78 | 82°16'32"SE | 25.66                 | 78           | 647,447.509100  | 1,766,838.514800 |
| 78 - 79 | 81°34'20"SE | 100.84                | 79           | 647,547.256600  | 1,766,823.736000 |
| 79 - 80 | 84°18'24"SE | 53.00                 | 80           | 647,599.999600  | 1,766,818.477800 |
| 80 - 81 | 80°27'12"SE | 28.38                 | 81           | 647,627.982800  | 1,766,813.771700 |
| 81 - 82 | 79°46'40"SE | 26.95                 | 82           | 647,654.505500  | 1,766,808.988900 |
| 82 - 83 | 82°53'11"SE | 26.82                 | 83           | 647,681.117900  | 1,766,805.667800 |
| 83 - 84 | 80°47'50"SE | 27.50                 | 84           | 647,708.263300  | 1,766,801.269900 |
| 84 - 85 | 81°16'29"SE | 70.05                 | 85           | 647,777.503000  | 1,766,790.643700 |
| 85 - 86 | 79°49'10"SE | 24.53                 | 86           | 647,801.647700  | 1,766,786.307900 |
| 86 - 87 | 80°27'25"SE | 86.19                 | 87           | 647,886.640400  | 1,766,772.019500 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 87 - 88   | 84°27'46"SE | 27.33                 | 88           | 647,913.845400  | 1,766,769.382200 |
| 88 - 89   | 79°44'05"SE | 26.72                 | 89           | 647,940.135700  | 1,766,764.621000 |
| 89 - 90   | 83°02'57"SE | 24.36                 | 90           | 647,964.315800  | 1,766,761.673200 |
| 90 - 91   | 80°59'35"SE | 25.85                 | 91           | 647,989.845100  | 1,766,757.626700 |
| 91 - 92   | 77°45'08"SE | 19.84                 | 92           | 648,009.231800  | 1,766,753.418300 |
| 92 - 93   | 81°08'22"SE | 24.32                 | 93           | 648,033.258300  | 1,766,749.672900 |
| 93 - 94   | 83°35'41"SE | 30.88                 | 94           | 648,063.949800  | 1,766,746.227500 |
| 94 - 95   | 75°59'55"SE | 29.95                 | 95           | 648,093.006500  | 1,766,738.982200 |
| 95 - 96   | 79°41'50"SE | 22.60                 | 96           | 648,115.237800  | 1,766,734.941000 |
| 96 - 97   | 77°32'36"SE | 28.40                 | 97           | 648,142.974100  | 1,766,728.814100 |
| 97 - 98   | 80°44'09"SE | 24.79                 | 98           | 648,167.438900  | 1,766,724.823600 |
| 98 - 99   | 79°09'14"SE | 52.30                 | 99           | 648,218.800100  | 1,766,714.983100 |
| 99 - 100  | 78°31'13"SE | 31.05                 | 100          | 648,249.226500  | 1,766,708.804000 |
| 100 - 101 | 79°51'29"SE | 31.44                 | 101          | 648,280.176000  | 1,766,703.267800 |
| 101 - 102 | 79°10'10"SE | 23.97                 | 102          | 648,303.715600  | 1,766,698.764400 |
| 102 - 103 | 82°19'30"SE | 31.43                 | 103          | 648,334.866300  | 1,766,694.566600 |
| 103 - 104 | 78°36'55"SE | 30.09                 | 104          | 648,364.368700  | 1,766,688.626200 |
| 104 - 105 | 82°16'20"SE | 57.70                 | 105          | 648,421.540000  | 1,766,680.868300 |
| 105 - 106 | 79°38'56"SE | 48.46                 | 106          | 648,469.212700  | 1,766,672.161000 |
| 106 - 107 | 82°22'22"SE | 54.76                 | 107          | 648,523.493000  | 1,766,664.892300 |
| 107 - 108 | 74°10'24"SE | 28.20                 | 108          | 648,550.627200  | 1,766,657.200500 |
| 108 - 109 | 75°19'16"SE | 58.21                 | 109          | 648,606.939500  | 1,766,642.449700 |
| 109 - 110 | 75°49'54"SE | 27.40                 | 110          | 648,633.506900  | 1,766,635.742800 |
| 110 - 111 | 77°04'19"SE | 29.51                 | 111          | 648,662.268600  | 1,766,629.140700 |
| 111 - 112 | 81°48'03"SE | 25.30                 | 112          | 648,687.309300  | 1,766,625.532700 |
| 112 - 113 | 79°40'52"SE | 21.03                 | 113          | 648,707.996600  | 1,766,621.766200 |
| 113 - 114 | 80°27'41"SE | 24.18                 | 114          | 648,731.839000  | 1,766,617.759900 |
| 114 - 115 | 82°12'30"SE | 25.31                 | 115          | 648,756.917000  | 1,766,614.328400 |
| 115 - 116 | 76°43'20"SE | 24.26                 | 116          | 648,780.529200  | 1,766,608.756400 |
| 116 - 117 | 78°21'00"SE | 33.67                 | 117          | 648,813.506500  | 1,766,601.957200 |
| 117 - 118 | 79°07'34"SE | 31.74                 | 118          | 648,844.674600  | 1,766,595.969900 |
| 118 - 119 | 76°03'42"SE | 35.60                 | 119          | 648,879.228600  | 1,766,587.394200 |
| 119 - 120 | 78°37'28"SE | 33.78                 | 120          | 648,912.348100  | 1,766,580.730900 |
| 120 - 121 | 79°19'12"SE | 34.99                 | 121          | 648,946.730700  | 1,766,574.246800 |
| 121 - 122 | 79°54'17"SE | 36.13                 | 122          | 648,982.297000  | 1,766,567.914600 |
| 122 - 123 | 78°01'49"SE | 48.10                 | 123          | 649,029.346900  | 1,766,557.940000 |
| 123 - 124 | 76°10'12"SE | 55.33                 | 124          | 649,083.070200  | 1,766,544.714600 |
| 124 - 125 | 80°31'37"SE | 45.22                 | 125          | 649,127.673500  | 1,766,537.272300 |
| 125 - 126 | 81°05'14"SE | 62.94                 | 126          | 649,189.858000  | 1,766,527.520500 |
| 126 - 127 | 79°10'42"SE | 59.69                 | 127          | 649,248.481700  | 1,766,516.314700 |
| 127 - 128 | 75°53'54"SE | 55.94                 | 128          | 649,302.732000  | 1,766,502.686500 |
| 128 - 129 | 76°50'34"SE | 48.07                 | 129          | 649,349.542000  | 1,766,491.744200 |
| 129 - 130 | 79°48'35"SE | 58.10                 | 130          | 649,406.730200  | 1,766,481.464700 |
| 130 - 131 | 79°02'20"SE | 63.27                 | 131          | 649,468.848200  | 1,766,469.434200 |
| 131 - 132 | 77°49'51"SE | 57.28                 | 132          | 649,524.839700  | 1,766,457.360100 |
| 132 - 133 | 77°26'19"SE | 55.28                 | 133          | 649,578.792200  | 1,766,445.338600 |
| 133 - 134 | 78°11'39"SE | 59.05                 | 134          | 649,636.596600  | 1,766,433.256600 |
| 134 - 135 | 67°36'50"SE | 47.51                 | 135          | 649,680.525200  | 1,766,415.163000 |
| 135 - 136 | 75°02'18"SE | 45.54                 | 136          | 649,724.520800  | 1,766,403.406000 |
| 136 - 137 | 73°38'44"SE | 49.98                 | 137          | 649,772.480800  | 1,766,389.332100 |
| 137 - 138 | 73°16'52"SE | 50.27                 | 138          | 649,820.626100  | 1,766,374.870600 |
| 138 - 139 | 78°20'54"SE | 65.61                 | 139          | 649,884.879900  | 1,766,361.620900 |
| 139 - 140 | 77°09'41"SE | 126.63                | 140          | 650,008.345300  | 1,766,333.483000 |
| 140 - 141 | 76°25'07"SE | 62.74                 | 141          | 650,069.332900  | 1,766,318.749700 |
| 141 - 142 | 74°39'26"SE | 60.98                 | 142          | 650,128.140400  | 1,766,302.614600 |
| 142 - 143 | 78°12'03"SE | 67.19                 | 143          | 650,193.909500  | 1,766,288.875800 |
| 143 - 144 | 77°01'19"SE | 48.39                 | 144          | 650,241.067600  | 1,766,278.007700 |
| 144 - 145 | 75°51'14"SE | 53.02                 | 145          | 650,292.480800  | 1,766,265.049700 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|--------------|-----------------|------------------|
|           |             |                       |              | X               | Y                |
| 145 - 146 | 74°58'31"SE | 48.28                 | 146          | 650,339.113700  | 1,766,252.533000 |
| 146 - 147 | 76°02'41"SE | 51.15                 | 147          | 650,388.755600  | 1,766,240.197200 |
| 147 - 148 | 76°24'20"SE | 54.29                 | 148          | 650,441.525000  | 1,766,227.436400 |
| 148 - 149 | 79°00'49"SE | 61.72                 | 149          | 650,502.114500  | 1,766,215.674000 |
| 149 - 150 | 76°29'48"SE | 52.65                 | 150          | 650,553.310000  | 1,766,203.380100 |
| 150 - 151 | 78°56'09"SE | 52.31                 | 151          | 650,604.647800  | 1,766,193.341600 |
| 151 - 152 | 72°36'59"SE | 64.32                 | 152          | 650,666.027200  | 1,766,174.125900 |
| 152 - 153 | 75°39'16"SE | 51.50                 | 153          | 650,715.921900  | 1,766,161.365800 |
| 153 - 154 | 76°48'20"SE | 63.68                 | 154          | 650,777.916700  | 1,766,146.831600 |
| 154 - 155 | 76°22'30"SE | 69.87                 | 155          | 650,845.820900  | 1,766,130.372600 |
| 155 - 156 | 74°56'21"SE | 115.56                | 156          | 650,957.407400  | 1,766,100.346200 |
| 156 - 157 | 76°12'59"SE | 44.97                 | 157          | 651,001.082600  | 1,766,089.632000 |
| 157 - 158 | 79°20'53"SE | 55.49                 | 158          | 651,055.615600  | 1,766,079.375300 |
| 158 - 159 | 75°27'37"SE | 46.24                 | 159          | 651,100.376100  | 1,766,067.766500 |
| 159 - 160 | 77°59'47"SE | 96.58                 | 160          | 651,194.845600  | 1,766,047.680400 |
| 160 - 161 | 79°19'00"SE | 110.10                | 161          | 651,303.034200  | 1,766,027.270800 |
| 161 - 162 | 73°46'49"SE | 53.83                 | 162          | 651,354.717000  | 1,766,012.236500 |
| 162 - 163 | 71°49'51"SE | 67.19                 | 163          | 651,418.561700  | 1,765,991.283800 |
| 163 - 164 | 76°32'07"SE | 52.44                 | 164          | 651,469.563500  | 1,765,979.072700 |
| 164 - 165 | 77°42'42"SE | 57.08                 | 165          | 651,525.333900  | 1,765,966.924800 |
| 165 - 166 | 78°19'28"SE | 130.05                | 166          | 651,652.691600  | 1,765,940.607100 |
| 166 - 167 | 74°52'02"SE | 59.56                 | 167          | 651,710.190700  | 1,765,925.057400 |
| 167 - 168 | 74°32'16"SE | 57.74                 | 168          | 651,765.840700  | 1,765,909.663800 |
| 168 - 169 | 75°06'54"SE | 56.11                 | 169          | 651,820.068900  | 1,765,895.250000 |
| 169 - 170 | 78°45'04"SE | 45.27                 | 170          | 651,864.473800  | 1,765,886.418400 |
| 170 - 171 | 77°40'15"SE | 59.06                 | 171          | 651,922.175900  | 1,765,873.806600 |
| 171 - 172 | 71°32'39"SE | 47.59                 | 172          | 651,967.316800  | 1,765,858.741500 |
| 172 - 173 | 77°30'06"SE | 66.68                 | 173          | 652,032.417700  | 1,765,844.311200 |
| 173 - 174 | 75°30'25"SE | 54.76                 | 174          | 652,085.431000  | 1,765,830.608100 |
| 174 - 175 | 77°21'39"SE | 101.10                | 175          | 652,184.078000  | 1,765,808.487100 |
| 175 - 176 | 76°08'38"SE | 95.06                 | 176          | 652,276.369600  | 1,765,785.722300 |
| 176 - 177 | 74°54'33"SE | 47.99                 | 177          | 652,322.709200  | 1,765,773.227100 |
| 177 - 178 | 78°14'23"SE | 52.84                 | 178          | 652,374.435800  | 1,765,762.458300 |
| 178 - 179 | 77°40'48"SE | 52.69                 | 179          | 652,425.910400  | 1,765,751.216400 |
| 179 - 180 | 77°04'59"SE | 52.81                 | 180          | 652,477.383900  | 1,765,739.411600 |
| 180 - 181 | 79°22'48"SE | 56.06                 | 181          | 652,532.486800  | 1,765,729.079600 |
| 181 - 182 | 76°52'34"SE | 53.88                 | 182          | 652,584.961200  | 1,765,716.845600 |
| 182 - 183 | 76°13'55"SE | 99.94                 | 183          | 652,682.025500  | 1,765,693.061700 |
| 183 - 184 | 75°40'55"SE | 42.86                 | 184          | 652,723.558800  | 1,765,682.461200 |
| 184 - 185 | 74°45'11"SE | 48.18                 | 185          | 652,770.039500  | 1,765,669.791900 |
| 185 - 186 | 76°53'34"SE | 111.12                | 186          | 652,878.260900  | 1,765,644.594100 |
| 186 - 187 | 78°19'01"SE | 49.50                 | 187          | 652,926.733300  | 1,765,634.571000 |
| 187 - 188 | 75°10'53"SE | 54.39                 | 188          | 652,979.310100  | 1,765,620.661500 |
| 188 - 189 | 73°08'44"SE | 52.32                 | 189          | 653,029.380500  | 1,765,605.492500 |
| 189 - 190 | 76°53'00"SE | 51.23                 | 190          | 653,079.269200  | 1,765,593.867800 |
| 190 - 191 | 83°31'19"SE | 45.71                 | 191          | 653,124.688100  | 1,765,588.710700 |
| 191 - 192 | 84°02'46"SE | 55.86                 | 192          | 653,180.245900  | 1,765,582.916700 |
| 192 - 193 | 69°29'08"SE | 53.26                 | 193          | 653,230.129300  | 1,765,564.252000 |
| 193 - 194 | 55°14'12"SE | 60.89                 | 194          | 653,280.150700  | 1,765,529.533800 |
| 194 - 195 | 46°13'02"SE | 1.56                  | 195          | 653,281.280100  | 1,765,528.451400 |
| 195 - 196 | 27°59'06"SW | 26.65                 | 196          | 653,268.773600  | 1,765,504.915300 |
| 196 - 197 | 11°58'19"SW | 34.73                 | 197          | 653,261.569500  | 1,765,470.941100 |

A partir de este vértice 197 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 8,287.73 metros hasta llegar al vértice 198.

|         |             |       |     |                |                  |
|---------|-------------|-------|-----|----------------|------------------|
|         |             |       | 198 | 645,113.661900 | 1,766,986.867500 |
| 198 - 1 | 05°20'37"NE | 29.47 | 1   |                |                  |

**Zona Núcleo**  
**“Bahía 6”**  
**(Superficie 00-29-14.16 hectáreas)**

| Est-PV                                                                                                                                                                           | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                  |             |                       |              | X               | Y                |
|                                                                                                                                                                                  |             |                       | 1            | 654,171.579000  | 1,765,447.948800 |
| 1 - 2                                                                                                                                                                            | 79°55'08"SE | 18.14                 | 2            | 654,189.438402  | 1,765,444.773700 |
| 2 - 3                                                                                                                                                                            | 74°17'28"SE | 13.19                 | 3            | 654,202.138399  | 1,765,441.201800 |
| 3 - 4                                                                                                                                                                            | 75°57'49"NE | 14.73                 | 4            | 654,216.426001  | 1,765,444.773700 |
| 4 - 5                                                                                                                                                                            | 48°00'45"NE | 10.68                 | 5            | 654,224.363501  | 1,765,451.917500 |
| 5 - 6                                                                                                                                                                            | 75°15'24"NE | 7.80                  | 6            | 654,231.904100  | 1,765,453.901800 |
| 6 - 7                                                                                                                                                                            | 85°30'56"SE | 20.30                 | 7            | 654,252.144800  | 1,765,452.314400 |
| 7 - 8                                                                                                                                                                            | 79°18'53"SE | 21.41                 | 8            | 654,273.179201  | 1,765,448.345600 |
| 8 - 9                                                                                                                                                                            | 68°55'22"SE | 49.55                 | 9            | 654,319.415201  | 1,765,430.525900 |
| 9 - 10                                                                                                                                                                           | 72°48'05"SE | 17.45                 | 10           | 654,336.084002  | 1,765,425.366500 |
| 10 - 11                                                                                                                                                                          | 81°38'02"SE | 13.64                 | 11           | 654,349.577803  | 1,765,423.382100 |
| 11 - 12                                                                                                                                                                          | 59°02'09"SE | 11.57                 | 12           | 654,359.499701  | 1,765,417.428900 |
| 12 - 13                                                                                                                                                                          | 04°23'54"SE | 6.48                  | 13           | 654,359.996816  | 1,765,410.966100 |
| 13 - 14                                                                                                                                                                          | 04°23'54"SE | 3.87                  | 14           | 654,360.293402  | 1,765,407.110300 |
| 14 - 15                                                                                                                                                                          | 60°18'57"NW | 5.22                  | 15           | 654,355.760599  | 1,765,409.694100 |
| A partir de este vértice 15 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 196.78 metros hasta llegar al vértice 16. |             |                       |              |                 |                  |
|                                                                                                                                                                                  |             |                       | 16           | 654,159.905001  | 1,765,428.708860 |
| 16 - 17                                                                                                                                                                          | 21°02'14"NE | 10.41                 | 17           | 654,163.641500  | 1,765,438.423800 |
| 17 - 1                                                                                                                                                                           | 39°48'20"NE | 12.40                 | 1            |                 |                  |

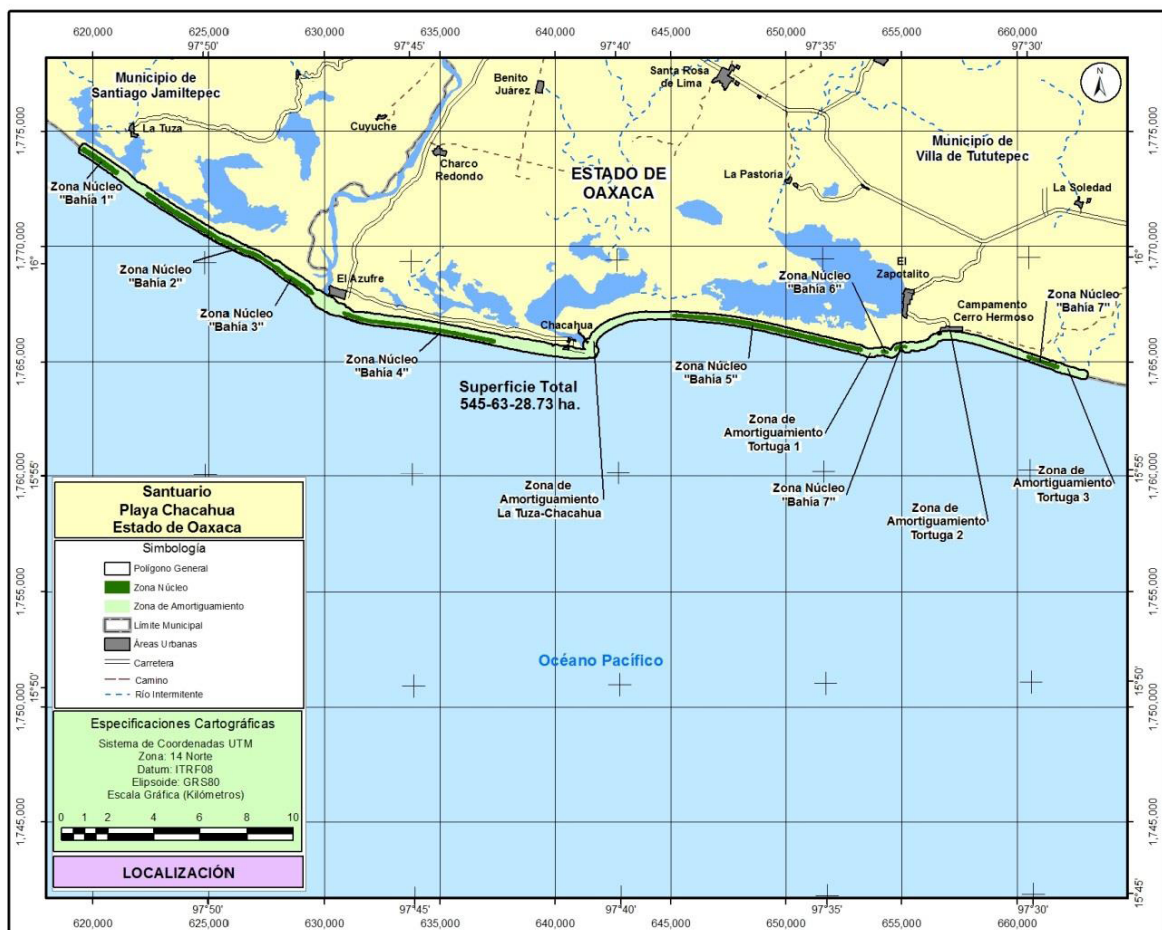
**Zona Núcleo**  
**“Bahía 7”**  
**(Superficie 1-65-85.99 hectáreas)**

| Est-PV                                                                                                                                                                           | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                  |             |                       |              | X               | Y                |
|                                                                                                                                                                                  |             |                       | 1            | 655,110.172100  | 1,765,692.496000 |
| 1 - 2                                                                                                                                                                            | 40°02'00"SE | 8.54                  | 2            | 655,115.667100  | 1,765,685.955100 |
| 2 - 3                                                                                                                                                                            | 68°11'55"SE | 14.96                 | 3            | 655,129.557800  | 1,765,680.398900 |
| 3 - 4                                                                                                                                                                            | 69°40'35"SE | 11.43                 | 4            | 655,140.273400  | 1,765,676.430100 |
| 4 - 5                                                                                                                                                                            | 77°28'15"NE | 10.98                 | 5            | 655,150.989100  | 1,765,678.811400 |
| 5 - 6                                                                                                                                                                            | 82°38'49"SE | 12.41                 | 6            | 655,163.292200  | 1,765,677.223800 |
| 6 - 7                                                                                                                                                                            | 56°00'13"SE | 20.58                 | 7            | 655,180.357900  | 1,765,665.714500 |
| 7 - 8                                                                                                                                                                            | 48°12'55"SE | 25.02                 | 8            | 655,199.011100  | 1,765,649.045700 |
| 8 - 9                                                                                                                                                                            | 41°53'47"SE | 18.66                 | 9            | 655,211.473000  | 1,765,635.155000 |
| 9 - 10                                                                                                                                                                           | 74°56'55"SW | 16.11                 | 10           | 655,195.914200  | 1,765,630.971100 |
| A partir de este vértice 10 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 460.05 metros hasta llegar al vértice 11. |             |                       |              |                 |                  |
|                                                                                                                                                                                  |             |                       | 11           | 654,747.683400  | 1,765,527.375600 |
| 11 - 12                                                                                                                                                                          | 02°23'09"NW | 6.66                  | 12           | 654,747.406100  | 1,765,534.031100 |
| 12 - 13                                                                                                                                                                          | 02°09'39"NE | 21.05                 | 13           | 654,748.199800  | 1,765,555.065500 |
| 13 - 14                                                                                                                                                                          | 37°24'19"NE | 16.99                 | 14           | 654,758.518600  | 1,765,568.559300 |
| 14 - 15                                                                                                                                                                          | 30°58'21"NE | 43.88                 | 15           | 654,781.100800  | 1,765,606.183200 |
| 15 - 16                                                                                                                                                                          | 42°20'13"NE | 24.16                 | 16           | 654,797.372800  | 1,765,624.042600 |
| 16 - 17                                                                                                                                                                          | 50°43'52"NE | 17.64                 | 17           | 654,811.027300  | 1,765,635.206200 |
| 17 - 18                                                                                                                                                                          | 72°38'47"NE | 4.87                  | 18           | 654,815.675100  | 1,765,636.658600 |
| 18 - 19                                                                                                                                                                          | 76°31'42"NE | 82.17                 | 19           | 654,895.582200  | 1,765,655.800800 |
| 19 - 20                                                                                                                                                                          | 78°47'32"NE | 78.42                 | 20           | 654,972.506900  | 1,765,671.043000 |
| 20 - 21                                                                                                                                                                          | 81°44'26"NE | 76.95                 | 21           | 655,048.662900  | 1,765,682.097700 |
| 21 - 22                                                                                                                                                                          | 79°59'31"NE | 56.71                 | 22           | 655,104.512600  | 1,765,691.953500 |
| 22 - 1                                                                                                                                                                           | 84°31'28"NE | 5.69                  | 1            |                 |                  |

**Zona Núcleo**  
**“Bahía 8”**  
**(Superficie 6-01-48.18 hectáreas)**

| Est-PV                                                                                                                                                                             | Rumbo       | Distancia<br>(metros) | Vértice No.- | Coordenadas UTM |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------|-----------------|------------------|
|                                                                                                                                                                                    |             |                       |              | X               | Y                |
|                                                                                                                                                                                    |             |                       | 1            | 660,491.584400  | 1,765,229.850700 |
| 1 - 2                                                                                                                                                                              | 70°42'37"SE | 14.97                 | 2            | 660,505.716700  | 1,765,224.904500 |
| 2 - 3                                                                                                                                                                              | 71°59'45"SE | 33.38                 | 3            | 660,537.466700  | 1,765,214.585800 |
| 3 - 4                                                                                                                                                                              | 74°10'03"SE | 27.64                 | 4            | 660,564.057400  | 1,765,207.045200 |
| 4 - 5                                                                                                                                                                              | 75°57'49"SE | 19.64                 | 5            | 660,583.107500  | 1,765,202.282700 |
| 5 - 6                                                                                                                                                                              | 61°08'38"SE | 22.20                 | 6            | 660,602.554400  | 1,765,191.566900 |
| 6 - 7                                                                                                                                                                              | 59°44'37"SE | 22.05                 | 7            | 660,621.604400  | 1,765,180.454500 |
| 7 - 8                                                                                                                                                                              | 67°05'39"SE | 30.59                 | 8            | 660,649.782600  | 1,765,168.548200 |
| 8 - 9                                                                                                                                                                              | 71°33'54"SE | 23.85                 | 9            | 660,672.404500  | 1,765,161.007600 |
| 9 - 10                                                                                                                                                                             | 69°50'53"SE | 23.04                 | 10           | 660,694.034200  | 1,765,153.070100 |
| 10 - 11                                                                                                                                                                            | 79°22'49"SE | 19.38                 | 11           | 660,713.084300  | 1,765,149.498200 |
| 11 - 12                                                                                                                                                                            | 63°26'05"SE | 19.52                 | 12           | 660,730.546800  | 1,765,140.766900 |
| 12 - 13                                                                                                                                                                            | 68°44'56"SE | 7.67                  | 13           | 660,737.690600  | 1,765,137.988700 |
| 13 - 14                                                                                                                                                                            | 80°32'14"SE | 14.48                 | 14           | 660,751.978100  | 1,765,135.607400 |
| 14 - 15                                                                                                                                                                            | 76°45'34"SE | 6.93                  | 15           | 660,758.725000  | 1,765,134.019900 |
| 15 - 16                                                                                                                                                                            | 84°17'22"SE | 11.97                 | 16           | 660,770.631300  | 1,765,132.829300 |
| 16 - 17                                                                                                                                                                            | 70°20'47"SE | 11.80                 | 17           | 660,781.743800  | 1,765,128.860600 |
| 17 - 18                                                                                                                                                                            | 62°26'47"SE | 10.30                 | 18           | 660,790.871900  | 1,765,124.098000 |
| 18 - 19                                                                                                                                                                            | 65°33'22"SE | 19.18                 | 19           | 660,808.334500  | 1,765,116.160500 |
| 19 - 20                                                                                                                                                                            | 62°01'13"SE | 14.38                 | 20           | 660,821.034500  | 1,765,109.413600 |
| 20 - 21                                                                                                                                                                            | 75°10'25"SE | 13.96                 | 21           | 660,834.528300  | 1,765,105.841800 |
| 21 - 22                                                                                                                                                                            | 76°16'39"SE | 35.13                 | 22           | 660,868.659600  | 1,765,097.507400 |
| 22 - 23                                                                                                                                                                            | 74°24'25"SE | 35.44                 | 23           | 660,902.790900  | 1,765,087.982400 |
| 23 - 24                                                                                                                                                                            | 61°18'49"SE | 23.98                 | 24           | 660,923.825300  | 1,765,076.473000 |
| 24 - 25                                                                                                                                                                            | 73°48'38"SE | 12.81                 | 25           | 660,936.128500  | 1,765,072.901100 |
| 25 - 26                                                                                                                                                                            | 86°43'45"SE | 13.91                 | 26           | 660,950.019100  | 1,765,072.107300 |
| 26 - 27                                                                                                                                                                            | 75°57'49"SE | 13.09                 | 27           | 660,962.719100  | 1,765,068.932300 |
| 27 - 28                                                                                                                                                                            | 70°01'02"SE | 13.94                 | 28           | 660,975.816100  | 1,765,064.169900 |
| 28 - 29                                                                                                                                                                            | 65°51'15"SE | 12.61                 | 29           | 660,987.325400  | 1,765,059.010500 |
| 29 - 30                                                                                                                                                                            | 53°40'22"SE | 16.75                 | 30           | 661,000.819200  | 1,765,049.088500 |
| 30 - 31                                                                                                                                                                            | 73°04'24"SE | 9.54                  | 31           | 661,009.947400  | 1,765,046.310500 |
| 31 - 32                                                                                                                                                                            | 76°25'45"SE | 23.68                 | 32           | 661,032.966200  | 1,765,040.754100 |
| 32 - 33                                                                                                                                                                            | 73°31'17"SE | 21.69                 | 33           | 661,053.762500  | 1,765,034.602500 |
| 33 - 34                                                                                                                                                                            | 71°02'45"SE | 41.54                 | 34           | 661,093.053200  | 1,765,021.108900 |
| 34 - 35                                                                                                                                                                            | 76°42'03"SE | 22.43                 | 35           | 661,114.881300  | 1,765,015.949400 |
| 35 - 36                                                                                                                                                                            | 72°20'59"SE | 27.49                 | 36           | 661,141.075100  | 1,765,007.615000 |
| 36 - 37                                                                                                                                                                            | 64°58'59"SE | 45.99                 | 37           | 661,182.747100  | 1,764,988.168100 |
| 37 - 38                                                                                                                                                                            | 73°57'35"SE | 33.04                 | 38           | 661,214.497200  | 1,764,979.039900 |
| 38 - 39                                                                                                                                                                            | 71°42'53"SE | 48.07                 | 39           | 661,260.137900  | 1,764,963.958700 |
| 39 - 40                                                                                                                                                                            | 70°01'00"SE | 37.16                 | 40           | 661,295.062900  | 1,764,951.258700 |
| 40 - 41                                                                                                                                                                            | 69°10'44"SE | 60.29                 | 41           | 661,351.419300  | 1,764,929.827400 |
| 41 - 42                                                                                                                                                                            | 75°04'07"SE | 61.61                 | 42           | 661,410.950700  | 1,764,913.952400 |
| 42 - 43                                                                                                                                                                            | 73°51'20"SE | 31.40                 | 43           | 661,441.113200  | 1,764,905.221100 |
| 43 - 44                                                                                                                                                                            | 69°09'27"SE | 25.10                 | 44           | 661,464.568600  | 1,764,896.291400 |
| 44 - 45                                                                                                                                                                            | 74°16'30"SE | 42.47                 | 45           | 661,505.446800  | 1,764,884.782000 |
| 45 - 46                                                                                                                                                                            | 65°05'43"NE | 12.25                 | 46           | 661,516.559300  | 1,764,889.941300 |
| 46 - 47                                                                                                                                                                            | 85°36'01"NE | 10.35                 | 47           | 661,526.878100  | 1,764,890.735200 |
| 47 - 48                                                                                                                                                                            | 82°08'46"SE | 11.62                 | 48           | 661,538.387500  | 1,764,889.147600 |
| 48 - 49                                                                                                                                                                            | 63°51'11"SE | 24.32                 | 49           | 661,560.215700  | 1,764,878.432000 |
| 49 - 50                                                                                                                                                                            | 73°04'20"SE | 28.62                 | 50           | 661,587.600100  | 1,764,870.097600 |
| 50 - 51                                                                                                                                                                            | 73°42'21"SE | 53.75                 | 51           | 661,639.193900  | 1,764,855.016300 |
| 51 - 52                                                                                                                                                                            | 70°45'29"SE | 44.56                 | 52           | 661,681.262800  | 1,764,840.331900 |
| 52 - 53                                                                                                                                                                            | 72°43'06"SE | 37.41                 | 53           | 661,716.981600  | 1,764,829.219300 |
| 53 - 54                                                                                                                                                                            | 67°47'17"SE | 51.44                 | 54           | 661,764.606700  | 1,764,809.772400 |
| 54 - 55                                                                                                                                                                            | 75°20'08"SE | 34.25                 | 55           | 661,797.742600  | 1,764,801.101400 |
| 55 - 56                                                                                                                                                                            | 16°53'02"SW | 19.07                 | 56           | 661,792.202900  | 1,764,782.849700 |
| 56 - 57                                                                                                                                                                            | 26°08'57"SW | 23.90                 | 57           | 661,781.672000  | 1,764,761.400200 |
| 57 - 58                                                                                                                                                                            | 23°08'11"SW | 27.66                 | 58           | 661,770.801900  | 1,764,735.960400 |
| A partir de este vértice 58 se continúa por el límite de la línea de costa con un rumbo general Noroeste y una distancia aproximada de 1,368.48 metros hasta llegar al vértice 59. |             |                       |              |                 |                  |
|                                                                                                                                                                                    |             |                       | 59           | 660,482.881600  | 1,765,198.555600 |
| 59 - 1                                                                                                                                                                             | 15°32'26"NE | 32.48                 | 1            |                 |                  |

| Polígono general | Superficie (ha)   | Zonificación    | Nombre             | Superficie (ha)   |
|------------------|-------------------|-----------------|--------------------|-------------------|
| Playa Chacahua   | 545.632873        | Amortiguamiento | La tuza-Chacahua 1 | 337.792616        |
|                  |                   |                 | Tortuga 1          | 5.582452          |
|                  |                   |                 | Tortuga 2          | 30.932812         |
|                  |                   |                 | Tortuga 3          | 8.575263          |
|                  |                   |                 | <b>Subtotal</b>    | <b>382.883143</b> |
|                  |                   | Núcleo          | Bahía 1            | 18.388753         |
|                  |                   |                 | Bahía 2            | 40.556332         |
|                  |                   |                 | Bahía 3            | 11.732100         |
|                  |                   |                 | Bahía 4            | 26.697648         |
|                  |                   |                 | Bahía 5            | 57.410064         |
|                  |                   |                 | Bahía 6            | 0.291416          |
|                  |                   |                 | Bahía 7            | 1.658599          |
|                  |                   |                 | Bahía 8            | 6.014818          |
|                  |                   |                 | <b>Subtotal</b>    | <b>162.749730</b> |
| <b>Total</b>     | <b>545.632873</b> | <b>Total</b>    |                    | <b>545.632873</b> |



**“Playa Escobilla”**

El Santuario conocido como Playa Escobilla, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de Santa María Tonameca, en el estado de Oaxaca, con una superficie total de 263-13-09.53 hectáreas (DOScientas SESENTA Y TRES HECTÁREAS, TRECE ÁREAS, NUEVE PUNTO CINCUENTA Y TRES CENTIÁREAS). En el área se ubican seis zonas de amortiguamiento con una superficie de 106-47-75.95 hectáreas (CIENTO SEIS HECTÁREAS, CUARENTA Y SIETE ÁREAS, SETENTA Y CINCO PUNTO NOVENTA Y CINCO CENTIÁREAS) y una zona núcleo con una superficie de 156-65-33.58 hectáreas (CIENTO CINCUENTA Y SEIS HECTÁREAS, SESENTA Y CINCO ÁREAS, TREINTA Y TRES PUNTO CINCUENTA Y OCHO CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Escobilla, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 14 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0.

**Polígono General****(Superficie 263-13-09.53 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 738,221.022600  | 1,740,257.733000 |
| 1 - 2   | 68°28'41"NE | 28.64                 | 2               | 738,247.669300  | 1,740,268.241100 |
| 2 - 3   | 83°27'48"SE | 42.88                 | 3               | 738,290.272200  | 1,740,263.359600 |
| 3 - 4   | 19°16'51"NE | 24.45                 | 4               | 738,298.344300  | 1,740,286.434600 |
| 4 - 5   | 70°16'43"NE | 50.11                 | 5               | 738,345.518400  | 1,740,303.345000 |
| 5 - 6   | 89°07'38"SE | 52.92                 | 6               | 738,398.433600  | 1,740,302.539000 |
| 6 - 7   | 88°56'03"SE | 51.57                 | 7               | 738,449.990500  | 1,740,301.580000 |
| 7 - 8   | 84°04'06"SE | 36.94                 | 8               | 738,486.734100  | 1,740,297.762400 |
| 8 - 9   | 79°45'18"NE | 296.58                | 9               | 738,778.585400  | 1,740,350.510900 |
| 9 - 10  | 80°00'32"SE | 201.38                | 10              | 738,976.910700  | 1,740,315.572900 |
| 10 - 11 | 69°49'14"NE | 102.30                | 11              | 739,072.927500  | 1,740,350.860800 |
| 11 - 12 | 81°10'44"SE | 92.65                 | 12              | 739,164.482600  | 1,740,336.653100 |
| 12 - 13 | 83°50'45"SE | 141.97                | 13              | 739,305.637600  | 1,740,321.433400 |
| 13 - 14 | 77°36'16"SE | 304.04                | 14              | 739,602.589400  | 1,740,256.169200 |
| 14 - 15 | 64°29'14"NE | 93.91                 | 15              | 739,687.338800  | 1,740,296.615500 |
| 15 - 16 | 25°15'47"NE | 286.65                | 16              | 739,809.675100  | 1,740,555.852000 |
| 16 - 17 | 77°07'30"SE | 209.15                | 17              | 740,013.569000  | 1,740,509.247700 |
| 17 - 18 | 29°34'40"SE | 123.92                | 18              | 740,074.737200  | 1,740,401.475200 |
| 18 - 19 | 65°22'35"SE | 76.90                 | 19              | 740,144.643700  | 1,740,369.434700 |
| 19 - 20 | 87°32'45"SE | 204.08                | 20              | 740,348.537600  | 1,740,360.696400 |
| 20 - 21 | 46°19'56"SE | 88.59                 | 21              | 740,412.618600  | 1,740,299.528200 |
| 21 - 22 | 87°23'50"SE | 192.44                | 22              | 740,604.861400  | 1,740,290.789900 |
| 22 - 23 | 42°47'50"NE | 107.18                | 23              | 740,677.680700  | 1,740,369.434700 |
| 23 - 24 | 83°39'35"SE | 158.26                | 24              | 740,834.970300  | 1,740,351.958100 |
| 24 - 25 | 55°00'28"SE | 71.11                 | 25              | 740,893.225700  | 1,740,311.179300 |
| 25 - 26 | 83°09'26"SE | 513.39                | 26              | 741,402.960500  | 1,740,250.011100 |
| 26 - 27 | 89°45'32"NE | 5.40                  | 27              | 741,408.356900  | 1,740,250.033800 |
| 27 - 28 | 12°39'29"SW | 13.44                 | 28              | 741,405.411500  | 1,740,236.919300 |
| 28 - 29 | 00°23'12"SW | 68.38                 | 29              | 741,404.950000  | 1,740,168.539700 |
| 29 - 30 | 03°04'10"SW | 52.42                 | 30              | 741,402.143100  | 1,740,116.198300 |
| 30 - 31 | 14°12'06"SW | 6.46                  | 31              | 741,400.558600  | 1,740,109.937300 |
| 31 - 32 | 53°02'49"SE | 103.84                | 32              | 741,483.543500  | 1,740,047.510600 |
| 32 - 33 | 65°03'56"SE | 1.34                  | 33              | 741,484.754700  | 1,740,046.947500 |
| 33 - 34 | 11°39'54"SW | 12.50                 | 34              | 741,482.227900  | 1,740,034.708500 |
| 34 - 35 | 67°33'26"SE | 36.36                 | 35              | 741,515.834000  | 1,740,020.827800 |
| 35 - 36 | 12°09'17"SW | 41.31                 | 36              | 741,507.135900  | 1,739,980.443700 |
| 36 - 37 | 12°59'25"SW | 8.65                  | 37              | 741,505.191800  | 1,739,972.016500 |
| 37 - 38 | 85°42'05"SE | 2.76                  | 38              | 741,507.939100  | 1,739,971.810000 |
| 38 - 39 | 79°28'25"SE | 28.52                 | 39              | 741,535.974500  | 1,739,966.600600 |
| 39 - 40 | 82°17'32"SE | 90.95                 | 40              | 741,626.104200  | 1,739,954.402300 |
| 40 - 41 | 82°26'04"SE | 519.09                | 41              | 742,140.678800  | 1,739,886.059600 |
| 41 - 42 | 79°01'18"SE | 187.28                | 42              | 742,324.527100  | 1,739,850.395500 |
| 42 - 43 | 75°49'33"SE | 20.00                 | 43              | 742,343.918500  | 1,739,845.498100 |
| 43 - 44 | 86°41'30"SE | 8.35                  | 44              | 742,352.259200  | 1,739,845.016000 |
| 44 - 45 | 79°01'22"SE | 731.37                | 45              | 743,070.243300  | 1,739,705.752400 |

| Est-PV                                                                                                                                                                    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------|-----------------|------------------|
|                                                                                                                                                                           |             |                       |                 | X               | Y                |
| 45 - 46                                                                                                                                                                   | 71°10'39"SE | 134.53                | 46              | 743,197.574700  | 1,739,662.349700 |
| 46 - 47                                                                                                                                                                   | 00°45'16"NW | 31.15                 | 47              | 743,197.164500  | 1,739,693.496700 |
| 47 - 48                                                                                                                                                                   | 78°51'55"SE | 310.28                | 48              | 743,501.602200  | 1,739,633.578100 |
| 48 - 49                                                                                                                                                                   | 76°56'16"SE | 250.82                | 49              | 743,745.929000  | 1,739,576.892000 |
| 49 - 50                                                                                                                                                                   | 29°40'58"SW | 45.96                 | 50              | 743,723.167500  | 1,739,536.959400 |
| 50 - 51                                                                                                                                                                   | 77°47'58"SE | 148.56                | 51              | 743,868.367700  | 1,739,505.564800 |
| 51 - 52                                                                                                                                                                   | 26°33'54"NE | 42.86                 | 52              | 743,887.535400  | 1,739,543.900100 |
| 52 - 53                                                                                                                                                                   | 76°13'03"SE | 508.68                | 53              | 744,381.569500  | 1,739,422.715200 |
| 53 - 54                                                                                                                                                                   | 77°50'16"SE | 576.97                | 54              | 744,945.593600  | 1,739,301.160200 |
| 54 - 55                                                                                                                                                                   | 79°48'45"SE | 460.04                | 55              | 745,398.384900  | 1,739,219.793200 |
| 55 - 56                                                                                                                                                                   | 14°25'34"SW | 54.48                 | 56              | 745,384.811900  | 1,739,167.030500 |
| 56 - 57                                                                                                                                                                   | 85°23'24"SE | 5.78                  | 57              | 745,390.572700  | 1,739,166.566000 |
| 57 - 58                                                                                                                                                                   | 83°33'56"SE | 54.87                 | 58              | 745,445.098100  | 1,739,160.417000 |
| 58 - 59                                                                                                                                                                   | 86°17'30"SE | 22.35                 | 59              | 745,467.400800  | 1,739,158.971600 |
| 59 - 60                                                                                                                                                                   | 13°00'35"NE | 47.71                 | 60              | 745,478.142000  | 1,739,205.460800 |
| 60 - 61                                                                                                                                                                   | 79°48'46"SE | 9.97                  | 61              | 745,487.957000  | 1,739,203.697100 |
| 61 - 62                                                                                                                                                                   | 87°01'19"SE | 242.07                | 62              | 745,729.695500  | 1,739,191.121900 |
| 62 - 63                                                                                                                                                                   | 72°04'17"SE | 124.19                | 63              | 745,847.853400  | 1,739,152.893300 |
| 63 - 64                                                                                                                                                                   | 79°42'07"SE | 425.13                | 64              | 746,266.133400  | 1,739,076.895500 |
| 64 - 65                                                                                                                                                                   | 87°57'13"NE | 61.18                 | 65              | 746,327.275400  | 1,739,079.079900 |
| 65 - 66                                                                                                                                                                   | 33°07'54"SE | 54.06                 | 66              | 746,356.821400  | 1,739,033.811500 |
| 66 - 67                                                                                                                                                                   | 27°19'52"SE | 23.81                 | 67              | 746,367.755500  | 1,739,012.655300 |
| 67 - 68                                                                                                                                                                   | 75°27'30"NE | 87.13                 | 68              | 746,452.096700  | 1,738,990.777800 |
| 68 - 69                                                                                                                                                                   | 64°10'05"NE | 32.11                 | 69              | 746,480.998300  | 1,739,004.769100 |
| 69 - 70                                                                                                                                                                   | 89°09'49"SE | 59.65                 | 70              | 746,540.644600  | 1,739,003.898500 |
| 70 - 71                                                                                                                                                                   | 77°14'09"NE | 24.81                 | 71              | 746,564.839000  | 1,739,009.379300 |
| 71 - 72                                                                                                                                                                   | 83°42'03"NE | 32.01                 | 72              | 746,596.658100  | 1,739,012.891600 |
| 72 - 73                                                                                                                                                                   | 51°45'44"SE | 30.27                 | 73              | 746,620.436400  | 1,738,994.154700 |
| 73 - 74                                                                                                                                                                   | 67°03'07"SE | 28.50                 | 74              | 746,646.680400  | 1,738,983.043000 |
| 74 - 75                                                                                                                                                                   | 63°05'21"SE | 43.83                 | 75              | 746,685.762400  | 1,738,963.206300 |
| 75 - 76                                                                                                                                                                   | 64°35'22"SE | 41.83                 | 76              | 746,723.549600  | 1,738,945.255200 |
| 76 - 77                                                                                                                                                                   | 48°40'18"SE | 79.79                 | 77              | 746,783.463300  | 1,738,892.567400 |
| 77 - 78                                                                                                                                                                   | 88°59'51"SE | 53.54                 | 78              | 746,836.994200  | 1,738,891.630900 |
| 78 - 79                                                                                                                                                                   | 72°17'45"SE | 48.32                 | 79              | 746,883.029100  | 1,738,876.935800 |
| 79 - 80                                                                                                                                                                   | 49°44'46"SE | 62.69                 | 80              | 746,930.874700  | 1,738,836.426000 |
| 80 - 81                                                                                                                                                                   | 73°40'31"SE | 119.89                | 81              | 747,045.929600  | 1,738,802.727700 |
| 81 - 82                                                                                                                                                                   | 63°47'45"SE | 49.64                 | 82              | 747,090.469700  | 1,738,780.807300 |
| 82 - 83                                                                                                                                                                   | 04°24'15"SE | 21.32                 | 83              | 747,092.106900  | 1,738,759.550400 |
| 83 - 84                                                                                                                                                                   | 72°36'21"SE | 287.81                | 84              | 747,366.754800  | 1,738,673.511800 |
| 84 - 85                                                                                                                                                                   | 61°27'37"SE | 452.00                | 85              | 747,763.834700  | 1,738,457.559800 |
| 85 - 86                                                                                                                                                                   | 69°57'15"SE | 349.41                | 86              | 748,092.075900  | 1,738,337.793700 |
| 86 - 87                                                                                                                                                                   | 75°39'21"SE | 331.94                | 87              | 748,413.666500  | 1,738,255.557700 |
| 87 - 88                                                                                                                                                                   | 73°58'13"SE | 918.70                | 88              | 749,296.643700  | 1,738,001.876600 |
| 88 - 89                                                                                                                                                                   | 66°47'23"SE | 294.26                | 89              | 749,567.087300  | 1,737,885.907700 |
| 89 - 90                                                                                                                                                                   | 79°28'06"SE | 78.69                 | 90              | 749,644.455700  | 1,737,871.524300 |
| 90 - 91                                                                                                                                                                   | 73°47'19"SE | 199.88                | 91              | 749,836.392500  | 1,737,815.720400 |
| 91 - 92                                                                                                                                                                   | 66°05'02"SE | 537.28                | 92              | 750,327.538000  | 1,737,597.911900 |
| 92 - 93                                                                                                                                                                   | 65°05'55"SE | 328.81                | 93              | 750,625.780100  | 1,737,459.465000 |
| 93 - 94                                                                                                                                                                   | 75°14'30"SE | 341.21                | 94              | 750,955.736400  | 1,737,372.544500 |
| 94 - 95                                                                                                                                                                   | 65°56'19"SE | 1,180.28              | 95              | 752,033.464200  | 1,736,891.328700 |
| 95 - 96                                                                                                                                                                   | 59°20'45"SE | 1,027.79              | 96              | 752,917.631800  | 1,736,367.305200 |
| 96 - 97                                                                                                                                                                   | 63°57'50"SE | 2,384.09              | 97              | 755,059.784500  | 1,735,320.842400 |
| 97 - 98                                                                                                                                                                   | 61°52'43"SE | 374.34                | 98              | 755,389.930800  | 1,735,144.403500 |
| 98 - 100                                                                                                                                                                  | 69°56'37"SE | 29.95                 | 100             | 755,418.062600  | 1,735,134.133100 |
| 100 - 101                                                                                                                                                                 | 21°21'52"SW | 20.69                 | 101             | 755,410.525600  | 1,735,114.866000 |
| 101 - 102                                                                                                                                                                 | 26°03'28"SW | 19.45                 | 102             | 755,401.979500  | 1,735,097.388700 |
| 102 - 103                                                                                                                                                                 | 23°38'20"SW | 58.86                 | 103             | 755,378.376200  | 1,735,043.463300 |
| A partir de este vértice 103 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 18,109.27 metros hasta llegar al vértice 104. |             |                       |                 |                 |                  |
|                                                                                                                                                                           |             |                       | 104             | 738,255.657700  | 1,740,215.597900 |
| 104 - 105                                                                                                                                                                 | 49°14'27"NW | 36.04                 | 105             | 738,228.359600  | 1,740,239.127000 |
| 105 - 1                                                                                                                                                                   | 21°31'15"NW | 20.00                 | 1               |                 |                  |

**Zona Núcleo**  
**“Escobilla”**  
**(Superficie 156-65-33.58 hectáreas)**

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 1 - 2   | 84°09'35"SE | 22.35                 | 1               | 738,516.676100  | 1,740,294.694300 |
| 2 - 3   | 84°07'05"SE | 22.35                 | 2               | 738,538.906800  | 1,740,292.420400 |
| 3 - 4   | 84°29'07"SE | 18.40                 | 3               | 738,561.135900  | 1,740,290.130400 |
| 4 - 5   | 84°29'07"SE | 14.05                 | 4               | 738,579.454700  | 1,740,288.361800 |
| 5 - 6   | 84°29'07"SE | 14.05                 | 5               | 738,593.438400  | 1,740,287.011700 |
| 6 - 7   | 85°24'22"SE | 12.22                 | 6               | 738,605.614500  | 1,740,286.033400 |
| 7 - 8   | 89°49'01"NE | 22.33                 | 7               | 738,627.949300  | 1,740,286.104700 |
| 8 - 9   | 81°23'22"SE | 22.35                 | 8               | 738,650.044200  | 1,740,282.759100 |
| 9 - 10  | 81°23'22"SE | 22.35                 | 9               | 738,672.139100  | 1,740,279.413400 |
| 10 - 11 | 83°48'21"SE | 44.68                 | 10              | 738,716.561600  | 1,740,274.592200 |
| 11 - 12 | 84°23'49"SE | 17.86                 | 11              | 738,734.339900  | 1,740,272.848100 |
| 12 - 13 | 84°21'53"SE | 15.29                 | 12              | 738,749.555600  | 1,740,271.346800 |
| 13 - 14 | 84°21'06"SE | 11.54                 | 13              | 738,761.039800  | 1,740,270.211000 |
| 14 - 15 | 84°21'07"SE | 22.35                 | 14              | 738,783.278100  | 1,740,268.011700 |
| 15 - 16 | 78°57'52"SE | 22.32                 | 15              | 738,805.185500  | 1,740,263.739300 |
| 16 - 17 | 77°30'55"SE | 22.35                 | 16              | 738,827.003800  | 1,740,258.908500 |
| 17 - 18 | 77°39'42"SE | 22.35                 | 17              | 738,848.834400  | 1,740,254.133400 |
| 18 - 19 | 77°40'09"SE | 22.35                 | 18              | 738,870.665600  | 1,740,249.361200 |
| 19 - 20 | 77°32'08"SE | 22.35                 | 19              | 738,892.485600  | 1,740,244.538100 |
| 20 - 21 | 77°32'09"SE | 2.99                  | 20              | 738,895.403700  | 1,740,243.893100 |
| 21 - 22 | 77°32'08"SE | 19.36                 | 21              | 738,914.305700  | 1,740,239.715000 |
| 22 - 23 | 77°21'07"SE | 22.35                 | 22              | 738,936.110100  | 1,740,234.822000 |
| 23 - 24 | 77°12'36"SE | 22.35                 | 23              | 738,957.902400  | 1,740,229.875000 |
| 24 - 25 | 77°14'15"SE | 9.30                  | 24              | 738,966.976500  | 1,740,227.819700 |
| 25 - 26 | 77°14'17"SE | 13.04                 | 25              | 738,979.697000  | 1,740,224.938600 |
| 26 - 27 | 77°21'42"SE | 6.81                  | 26              | 738,986.339400  | 1,740,223.449200 |
| 27 - 28 | 77°21'45"SE | 15.54                 | 27              | 739,001.502400  | 1,740,220.049500 |
| 28 - 29 | 77°21'44"SE | 22.35                 | 28              | 739,023.307700  | 1,740,215.160400 |
| 29 - 30 | 73°17'38"SE | 12.34                 | 29              | 739,035.124900  | 1,740,211.613700 |
| 30 - 31 | 73°17'41"SE | 9.99                  | 30              | 739,044.694000  | 1,740,208.741900 |
| 31 - 32 | 71°59'24"SE | 22.35                 | 31              | 739,065.945800  | 1,740,201.832700 |
| 32 - 33 | 72°12'16"SE | 22.35                 | 32              | 739,087.223200  | 1,740,195.003100 |
| 33 - 34 | 72°26'31"SE | 22.35                 | 33              | 739,108.528800  | 1,740,188.261800 |
| 34 - 35 | 72°26'30"SE | 19.06                 | 34              | 739,126.697300  | 1,740,182.513000 |
| 35 - 36 | 71°59'48"SE | 52.13                 | 35              | 739,176.278700  | 1,740,166.400000 |
| 36 - 37 | 71°28'59"SE | 24.43                 | 36              | 739,199.442300  | 1,740,158.642000 |
| 37 - 38 | 71°47'47"SE | 43.07                 | 37              | 739,240.354400  | 1,740,145.188000 |
| 38 - 39 | 71°28'07"SE | 52.01                 | 38              | 739,289.665100  | 1,740,128.659000 |
| 39 - 40 | 71°46'59"SE | 53.06                 | 39              | 739,340.065300  | 1,740,112.072000 |
| 40 - 41 | 84°57'47"SE | 23.38                 | 40              | 739,363.359000  | 1,740,110.019000 |
| 41 - 42 | 86°00'31"SE | 48.26                 | 41              | 739,411.500600  | 1,740,106.660000 |
| 42 - 43 | 85°14'16"SE | 54.01                 | 42              | 739,465.325900  | 1,740,102.176000 |
| 43 - 44 | 85°48'05"SE | 52.14                 | 43              | 739,517.321000  | 1,740,098.359000 |
| 44 - 45 | 86°30'32"SE | 28.79                 | 44              | 739,546.056400  | 1,740,096.606000 |
| 45 - 46 | 87°26'43"SE | 43.91                 | 45              | 739,589.919000  | 1,740,094.649000 |
| 46 - 47 | 87°14'37"SE | 52.53                 | 46              | 739,642.390400  | 1,740,092.123000 |
| 47 - 48 | 86°58'24"SE | 52.39                 | 47              | 739,694.706900  | 1,740,089.357000 |
| 48 - 49 | 87°21'08"SE | 14.55                 | 48              | 739,709.239600  | 1,740,088.685000 |
| 49 - 50 | 87°22'17"SE | 40.27                 | 49              | 739,749.470700  | 1,740,086.838000 |
| 50 - 51 | 83°36'09"SE | 11.57                 | 50              | 739,760.967000  | 1,740,085.549000 |
| 51 - 52 | 82°08'33"SE | 53.60                 | 51              | 739,814.066400  | 1,740,078.221000 |
| 52 - 53 | 81°01'19"SE | 32.11                 | 52              | 739,845.786100  | 1,740,073.209700 |
| 53 - 54 | 81°01'19"SE | 15.40                 | 53              | 739,860.993500  | 1,740,070.807100 |
| 54 - 55 | 83°07'15"SE | 0.78                  | 54              | 739,861.767700  | 1,740,070.713700 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 54 - 55   | 83°07'06"SE | 6.12                  | 55              | 739,867.846200  | 1,740,069.980100 |
| 55 - 56   | 76°31'16"NE | 8.23                  | 56              | 739,875.848300  | 1,740,071.898100 |
| 56 - 57   | 82°14'36"SE | 10.66                 | 57              | 739,886.414500  | 1,740,070.458900 |
| 57 - 58   | 82°14'38"SE | 5.85                  | 58              | 739,892.213300  | 1,740,069.669100 |
| 58 - 59   | 66°03'45"SE | 8.11                  | 59              | 739,899.621600  | 1,740,066.380400 |
| 59 - 60   | 66°03'50"SE | 7.99                  | 60              | 739,906.928100  | 1,740,063.137100 |
| 60 - 61   | 85°10'51"SE | 10.62                 | 61              | 739,917.508500  | 1,740,062.245100 |
| 61 - 62   | 85°41'45"NE | 0.78                  | 62              | 739,918.291100  | 1,740,062.304000 |
| 62 - 63   | 85°41'31"NE | 2.17                  | 63              | 739,920.457600  | 1,740,062.467200 |
| 63 - 64   | 85°41'36"NE | 13.72                 | 64              | 739,934.134200  | 1,740,063.497100 |
| 64 - 65   | 84°01'15"NE | 12.43                 | 65              | 739,946.497800  | 1,740,064.792000 |
| 65 - 66   | 89°04'53"SE | 2.06                  | 66              | 739,948.556200  | 1,740,064.759000 |
| 66 - 67   | 89°04'38"SE | 15.59                 | 67              | 739,964.141800  | 1,740,064.508000 |
| 67 - 68   | 76°49'13"SE | 16.58                 | 68              | 739,980.288000  | 1,740,060.727000 |
| 68 - 69   | 85°42'39"SE | 16.66                 | 69              | 739,996.897800  | 1,740,059.481300 |
| 69 - 70   | 81°40'54"SE | 19.63                 | 70              | 740,016.324300  | 1,740,056.641000 |
| 70 - 71   | 87°25'01"SE | 16.98                 | 71              | 740,033.283100  | 1,740,055.876000 |
| 71 - 72   | 85°50'05"NE | 11.46                 | 72              | 740,044.708200  | 1,740,056.708000 |
| 72 - 73   | 73°56'59"NE | 17.39                 | 73              | 740,061.420800  | 1,740,061.516100 |
| 73 - 74   | 87°08'19"SE | 28.88                 | 74              | 740,090.259900  | 1,740,060.074700 |
| 74 - 75   | 88°50'47"NE | 13.40                 | 75              | 740,103.660300  | 1,740,060.344500 |
| 75 - 76   | 86°56'51"NE | 25.44                 | 76              | 740,129.062400  | 1,740,061.699000 |
| 76 - 77   | 89°55'37"NE | 22.77                 | 77              | 740,151.829800  | 1,740,061.728000 |
| 77 - 78   | 80°12'06"SE | 18.76                 | 78              | 740,170.318700  | 1,740,058.535000 |
| 78 - 79   | 87°18'11"NE | 18.47                 | 79              | 740,188.764700  | 1,740,059.403900 |
| 79 - 80   | 89°05'57"NE | 20.55                 | 80              | 740,209.316900  | 1,740,059.727000 |
| 80 - 81   | 82°20'38"NE | 19.29                 | 81              | 740,228.436700  | 1,740,062.297100 |
| 81 - 82   | 87°49'36"SE | 15.25                 | 82              | 740,243.671300  | 1,740,061.719000 |
| 82 - 83   | 87°08'31"NE | 24.28                 | 83              | 740,267.919200  | 1,740,062.929500 |
| 83 - 84   | 88°24'57"NE | 8.39                  | 84              | 740,276.301900  | 1,740,063.161300 |
| 84 - 85   | 86°21'40"NE | 23.33                 | 85              | 740,299.580300  | 1,740,064.641700 |
| 85 - 86   | 85°07'06"NE | 6.17                  | 86              | 740,305.732100  | 1,740,065.167100 |
| 86 - 87   | 89°06'24"SE | 18.26                 | 87              | 740,323.990800  | 1,740,064.882400 |
| 87 - 88   | 87°48'41"SE | 24.43                 | 88              | 740,348.406100  | 1,740,063.949400 |
| 88 - 89   | 82°23'03"NE | 19.47                 | 89              | 740,367.706500  | 1,740,066.530000 |
| 89 - 90   | 81°19'00"SE | 4.95                  | 90              | 740,372.603700  | 1,740,065.782100 |
| 90 - 91   | 82°22'38"SE | 24.42                 | 91              | 740,396.812100  | 1,740,062.542300 |
| 91 - 92   | 85°11'44"SE | 11.54                 | 92              | 740,408.315300  | 1,740,061.575500 |
| 92 - 93   | 81°32'29"SE | 12.89                 | 93              | 740,421.066100  | 1,740,059.679300 |
| 93 - 94   | 84°26'51"SE | 34.46                 | 94              | 740,455.365600  | 1,740,056.345000 |
| 94 - 95   | 81°34'58"SE | 14.38                 | 95              | 740,469.595300  | 1,740,054.239400 |
| 95 - 96   | 88°07'22"NE | 32.60                 | 96              | 740,502.173000  | 1,740,055.307100 |
| 96 - 97   | 89°37'47"NE | 25.08                 | 97              | 740,527.253300  | 1,740,055.469100 |
| 97 - 98   | 87°35'29"NE | 22.61                 | 98              | 740,549.840300  | 1,740,056.419100 |
| 98 - 99   | 87°26'08"SE | 21.97                 | 99              | 740,571.790000  | 1,740,055.436100 |
| 99 - 100  | 79°32'24"NE | 24.98                 | 100             | 740,596.355300  | 1,740,059.971200 |
| 100 - 101 | 76°01'03"SE | 20.99                 | 101             | 740,616.724800  | 1,740,054.899200 |
| 101 - 102 | 76°23'56"SE | 18.71                 | 102             | 740,634.911000  | 1,740,050.499200 |
| 102 - 103 | 89°25'18"NE | 17.03                 | 103             | 740,651.942400  | 1,740,050.671100 |
| 103 - 104 | 88°06'24"SE | 21.73                 | 104             | 740,673.665100  | 1,740,049.953100 |
| 104 - 105 | 83°05'49"SE | 24.32                 | 105             | 740,697.809000  | 1,740,047.030100 |
| 105 - 106 | 86°38'37"SE | 21.61                 | 106             | 740,719.379700  | 1,740,045.765100 |
| 106 - 107 | 85°51'51"NE | 22.57                 | 107             | 740,741.894400  | 1,740,047.393100 |
| 107 - 108 | 73°26'42"SE | 18.39                 | 108             | 740,759.525700  | 1,740,042.152100 |
| 108 - 109 | 87°59'15"NE | 14.32                 | 109             | 740,773.841100  | 1,740,042.655100 |
| 109 - 110 | 86°18'47"NE | 24.62                 | 110             | 740,798.409200  | 1,740,044.238200 |
| 110 - 111 | 88°16'34"SE | 25.33                 | 111             | 740,823.731100  | 1,740,043.476100 |
| 111 - 112 | 88°07'32"NE | 25.29                 | 112             | 740,849.003800  | 1,740,044.303100 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 112 - 113 | 85°32'22"SE | 25.11                 | 113             | 740,874.039700  | 1,740,042.350100 |
| 113 - 114 | 82°26'26"SE | 28.18                 | 114             | 740,901.973900  | 1,740,038.643100 |
| 114 - 115 | 75°50'39"SE | 22.02                 | 115             | 740,923.328600  | 1,740,033.257100 |
| 115 - 116 | 77°47'00"SE | 19.45                 | 116             | 740,942.339100  | 1,740,029.141100 |
| 116 - 117 | 87°16'12"SE | 23.83                 | 117             | 740,966.141000  | 1,740,028.006200 |
| 117 - 118 | 80°14'43"SE | 23.84                 | 118             | 740,989.636000  | 1,740,023.967100 |
| 118 - 119 | 80°07'55"SE | 21.97                 | 119             | 741,011.280100  | 1,740,020.202100 |
| 119 - 120 | 86°48'13"SE | 9.79                  | 120             | 741,021.055500  | 1,740,019.656200 |
| 120 - 121 | 80°49'38"NE | 15.24                 | 121             | 741,036.103500  | 1,740,022.086100 |
| 121 - 122 | 82°52'35"SE | 32.25                 | 122             | 741,068.103000  | 1,740,018.087100 |
| 122 - 123 | 79°53'52"SE | 21.22                 | 123             | 741,088.993500  | 1,740,014.365100 |
| 123 - 124 | 87°10'46"SE | 26.38                 | 124             | 741,115.338900  | 1,740,013.067200 |
| 124 - 125 | 76°42'20"SE | 23.81                 | 125             | 741,138.514800  | 1,740,007.591100 |
| 125 - 126 | 85°05'48"SE | 19.57                 | 126             | 741,158.016900  | 1,740,005.918100 |
| 126 - 127 | 88°37'31"SE | 20.51                 | 127             | 741,178.518900  | 1,740,005.426100 |
| 127 - 128 | 79°44'57"SE | 26.54                 | 128             | 741,204.635300  | 1,740,000.703100 |
| 128 - 129 | 85°26'41"SE | 24.01                 | 129             | 741,228.570900  | 1,739,998.796100 |
| 129 - 130 | 85°08'11"SE | 22.24                 | 130             | 741,250.735600  | 1,739,996.910100 |
| 130 - 131 | 88°46'53"NE | 28.78                 | 131             | 741,279.509000  | 1,739,997.522100 |
| 131 - 132 | 79°58'11"SE | 29.80                 | 132             | 741,308.852500  | 1,739,992.332100 |
| 132 - 133 | 74°03'48"SE | 24.10                 | 133             | 741,332.022200  | 1,739,985.716100 |
| 133 - 134 | 85°47'27"NE | 29.32                 | 134             | 741,361.263100  | 1,739,987.868100 |
| 134 - 135 | 80°15'13"SE | 33.93                 | 135             | 741,394.698700  | 1,739,982.125100 |
| 135 - 136 | 83°38'08"SE | 29.16                 | 136             | 741,423.675200  | 1,739,978.893100 |
| 136 - 137 | 85°15'21"SE | 31.68                 | 137             | 741,455.246700  | 1,739,976.273100 |
| 137 - 138 | 84°37'54"SE | 26.85                 | 138             | 741,481.979900  | 1,739,973.761100 |
| 138 - 139 | 85°42'06"SE | 23.28                 | 139             | 741,505.191700  | 1,739,972.016500 |
| 139 - 140 | 85°42'13"SE | 2.76                  | 140             | 741,507.939100  | 1,739,971.810100 |
| 140 - 141 | 79°28'24"SE | 28.52                 | 141             | 741,535.974500  | 1,739,966.600600 |
| 141 - 142 | 82°17'32"SE | 90.95                 | 142             | 741,626.104100  | 1,739,954.402400 |
| 142 - 143 | 82°26'02"SE | 81.50                 | 143             | 741,706.897200  | 1,739,943.671200 |
| 143 - 144 | 82°26'04"SE | 321.43                | 144             | 742,025.526600  | 1,739,901.353300 |
| 144 - 145 | 00°09'58"SW | 19.06                 | 145             | 742,025.471300  | 1,739,882.295100 |
| 145 - 146 | 89°29'24"NE | 55.63                 | 146             | 742,081.096500  | 1,739,882.790100 |
| 146 - 147 | 86°22'10"SE | 28.02                 | 147             | 742,109.057400  | 1,739,881.016100 |
| 147 - 148 | 77°19'01"SE | 38.82                 | 148             | 742,146.933700  | 1,739,872.492200 |
| 148 - 149 | 79°10'29"SE | 41.13                 | 149             | 742,187.334100  | 1,739,864.767100 |
| 149 - 150 | 82°16'39"SE | 40.92                 | 150             | 742,227.878900  | 1,739,859.269100 |
| 150 - 151 | 71°56'07"SE | 46.01                 | 151             | 742,271.623800  | 1,739,845.001100 |
| 151 - 152 | 71°19'38"SE | 20.41                 | 152             | 742,290.955100  | 1,739,838.468100 |
| 152 - 153 | 78°45'18"NE | 17.66                 | 153             | 742,308.272300  | 1,739,841.911100 |
| 153 - 154 | 76°53'01"SE | 39.15                 | 154             | 742,346.400200  | 1,739,833.027100 |
| 154 - 155 | 79°35'26"SE | 36.15                 | 155             | 742,381.952100  | 1,739,826.496100 |
| 155 - 156 | 79°34'59"SE | 33.07                 | 156             | 742,414.481000  | 1,739,820.516100 |
| 156 - 157 | 81°49'58"SE | 24.11                 | 157             | 742,438.346200  | 1,739,817.091100 |
| 157 - 158 | 75°01'41"SE | 27.51                 | 158             | 742,464.922000  | 1,739,809.984100 |
| 158 - 159 | 71°49'10"SE | 27.21                 | 159             | 742,490.777300  | 1,739,801.493100 |
| 159 - 160 | 72°37'17"SE | 23.19                 | 160             | 742,512.907500  | 1,739,794.567100 |
| 160 - 161 | 80°58'19"SE | 24.45                 | 161             | 742,537.057300  | 1,739,790.730100 |
| 161 - 162 | 79°20'29"SE | 30.22                 | 162             | 742,566.759600  | 1,739,785.140100 |
| 162 - 163 | 82°23'28"SE | 26.46                 | 163             | 742,592.990700  | 1,739,781.636100 |
| 163 - 164 | 88°36'18"NE | 19.64                 | 164             | 742,612.625500  | 1,739,782.114200 |
| 164 - 165 | 76°41'16"SE | 18.27                 | 165             | 742,630.408700  | 1,739,777.906500 |
| 165 - 166 | 76°41'17"SE | 15.75                 | 166             | 742,645.735500  | 1,739,774.280100 |
| 166 - 167 | 74°53'25"SE | 29.19                 | 167             | 742,673.916800  | 1,739,766.671200 |
| 167 - 168 | 76°36'10"SE | 37.24                 | 168             | 742,710.146200  | 1,739,758.042100 |
| 168 - 169 | 77°04'01"SE | 34.23                 | 169             | 742,743.505100  | 1,739,750.381800 |
| 169 - 170 | 77°04'01"SE | 11.86                 | 170             | 742,755.061300  | 1,739,747.728100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 170 - 171 | 79°22'16"SE | 34.08                 | 171             | 742,788.552000  | 1,739,741.443100 |
| 171 - 172 | 79°08'54"SE | 38.15                 | 172             | 742,826.023000  | 1,739,734.260100 |
| 172 - 173 | 74°30'52"SE | 33.90                 | 173             | 742,858.695900  | 1,739,725.208100 |
| 173 - 174 | 78°17'19"SE | 35.43                 | 174             | 742,893.385800  | 1,739,718.017100 |
| 174 - 175 | 82°43'11"SE | 37.00                 | 175             | 742,930.089600  | 1,739,713.328100 |
| 175 - 176 | 82°20'13"SE | 47.55                 | 176             | 742,977.217700  | 1,739,706.987100 |
| 176 - 177 | 81°20'38"SE | 38.86                 | 177             | 743,015.631600  | 1,739,701.139100 |
| 177 - 178 | 85°48'06"SE | 26.49                 | 178             | 743,042.049200  | 1,739,699.200000 |
| 178 - 179 | 73°50'02"SE | 1.85                  | 179             | 743,043.826800  | 1,739,698.684700 |
| 179 - 180 | 73°49'58"SE | 36.80                 | 180             | 743,079.171600  | 1,739,688.438100 |
| 180 - 181 | 55°51'08"NE | 15.83                 | 181             | 743,092.273100  | 1,739,697.324400 |
| 181 - 182 | 55°21'57"NE | 1.08                  | 182             | 743,093.163900  | 1,739,697.939700 |
| 182 - 183 | 71°10'39"SE | 110.31                | 183             | 743,197.574700  | 1,739,662.349800 |
| 183 - 184 | 00°45'31"NW | 1.98                  | 184             | 743,197.548500  | 1,739,664.327900 |
| 184 - 185 | 59°14'41"SE | 0.93                  | 185             | 743,198.350100  | 1,739,663.850900 |
| 185 - 186 | 73°40'17"SE | 6.99                  | 186             | 743,205.057100  | 1,739,661.886000 |
| 186 - 187 | 56°36'34"SE | 15.78                 | 187             | 743,218.233300  | 1,739,653.201100 |
| 187 - 188 | 75°49'33"SE | 35.49                 | 188             | 743,252.641500  | 1,739,644.511100 |
| 188 - 189 | 77°22'23"SE | 26.03                 | 189             | 743,278.043800  | 1,739,638.820500 |
| 189 - 190 | 77°22'23"SE | 7.68                  | 190             | 743,285.536000  | 1,739,637.142100 |
| 190 - 191 | 72°29'49"SE | 18.13                 | 191             | 743,302.828000  | 1,739,631.689000 |
| 191 - 192 | 72°29'47"SE | 14.18                 | 192             | 743,316.354900  | 1,739,627.423100 |
| 192 - 193 | 74°25'37"SE | 31.00                 | 193             | 743,346.218900  | 1,739,619.100100 |
| 193 - 194 | 74°11'55"SE | 34.04                 | 194             | 743,378.968800  | 1,739,609.832100 |
| 194 - 195 | 74°03'24"SE | 31.58                 | 195             | 743,409.335400  | 1,739,601.157200 |
| 195 - 196 | 82°34'49"SE | 31.97                 | 196             | 743,441.034500  | 1,739,597.029200 |
| 196 - 197 | 77°25'28"SE | 32.90                 | 197             | 743,473.145100  | 1,739,589.866100 |
| 197 - 198 | 72°02'12"SE | 20.50                 | 198             | 743,492.641700  | 1,739,583.545100 |
| 198 - 199 | 72°02'13"SE | 7.72                  | 199             | 743,499.988600  | 1,739,581.163200 |
| 199 - 200 | 78°56'03"SE | 23.60                 | 200             | 743,523.146800  | 1,739,576.634100 |
| 200 - 201 | 81°06'35"SE | 30.48                 | 201             | 743,553.257500  | 1,739,571.924200 |
| 201 - 202 | 75°58'55"SE | 35.41                 | 202             | 743,587.608800  | 1,739,563.348100 |
| 202 - 203 | 77°35'16"SE | 36.83                 | 203             | 743,623.575900  | 1,739,555.432200 |
| 203 - 204 | 70°57'37"SE | 29.14                 | 204             | 743,651.124700  | 1,739,545.925100 |
| 204 - 205 | 79°02'30"SE | 30.98                 | 205             | 743,681.539600  | 1,739,540.036100 |
| 205 - 206 | 74°30'56"SE | 6.72                  | 206             | 743,688.011800  | 1,739,538.243100 |
| 206 - 207 | 74°30'57"SE | 25.08                 | 207             | 743,712.179200  | 1,739,531.548100 |
| 207 - 208 | 80°05'46"SE | 28.09                 | 208             | 743,739.854200  | 1,739,526.716200 |
| 208 - 209 | 73°48'29"SE | 44.95                 | 209             | 743,783.023100  | 1,739,514.181100 |
| 209 - 210 | 73°01'15"SE | 36.19                 | 210             | 743,817.634600  | 1,739,503.613100 |
| 210 - 211 | 84°55'43"SE | 21.80                 | 211             | 743,839.349200  | 1,739,501.686100 |
| 211 - 212 | 77°41'43"SE | 37.63                 | 212             | 743,876.118500  | 1,739,493.666100 |
| 212 - 213 | 79°14'26"SE | 39.70                 | 213             | 743,915.124300  | 1,739,486.254100 |
| 213 - 214 | 78°26'41"SE | 30.43                 | 214             | 743,944.940000  | 1,739,480.158100 |
| 214 - 215 | 80°23'16"SE | 31.42                 | 215             | 743,975.916900  | 1,739,474.912100 |
| 215 - 216 | 78°54'30"SE | 30.18                 | 216             | 744,005.533800  | 1,739,469.106100 |
| 216 - 217 | 76°15'05"SE | 32.47                 | 217             | 744,037.074500  | 1,739,461.389100 |
| 217 - 218 | 68°32'26"SE | 29.46                 | 218             | 744,064.488100  | 1,739,450.613100 |
| 218 - 219 | 74°47'11"SE | 26.39                 | 219             | 744,089.952100  | 1,739,443.688200 |
| 219 - 220 | 81°56'23"SE | 27.85                 | 220             | 744,117.528700  | 1,739,439.783100 |
| 220 - 221 | 77°54'18"SE | 29.97                 | 221             | 744,146.830400  | 1,739,433.504100 |
| 221 - 222 | 81°11'33"SE | 21.84                 | 222             | 744,168.413300  | 1,739,430.160100 |
| 222 - 223 | 66°37'58"SE | 26.87                 | 223             | 744,193.081300  | 1,739,419.502100 |
| 223 - 224 | 81°32'27"SE | 26.87                 | 224             | 744,219.661700  | 1,739,415.549100 |
| 224 - 225 | 74°21'47"SE | 33.02                 | 225             | 744,251.459200  | 1,739,406.649100 |
| 225 - 226 | 77°36'51"SE | 34.65                 | 226             | 744,285.302500  | 1,739,399.217100 |
| 226 - 227 | 73°19'26"SE | 32.79                 | 227             | 744,316.709000  | 1,739,389.809100 |
| 227 - 228 | 78°28'16"SE | 21.13                 | 228             | 744,337.412400  | 1,739,385.586100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 228 - 229 | 76°32'06"SE | 38.07                 | 229             | 744,374.433500  | 1,739,376.722100 |
| 229 - 230 | 80°15'37"SE | 33.14                 | 230             | 744,407.100100  | 1,739,371.115100 |
| 230 - 231 | 76°19'40"SE | 33.21                 | 231             | 744,439.370500  | 1,739,363.265100 |
| 231 - 232 | 75°55'34"SE | 30.60                 | 232             | 744,469.055200  | 1,739,355.823200 |
| 232 - 233 | 80°04'01"SE | 37.06                 | 233             | 744,505.556800  | 1,739,349.431100 |
| 233 - 234 | 75°39'34"SE | 23.37                 | 234             | 744,528.202600  | 1,739,343.641700 |
| 234 - 235 | 75°39'35"SE | 9.91                  | 235             | 744,537.799900  | 1,739,341.188200 |
| 235 - 236 | 81°25'25"SE | 32.95                 | 236             | 744,570.384000  | 1,739,336.274100 |
| 236 - 237 | 76°09'47"SE | 32.18                 | 237             | 744,601.634100  | 1,739,328.577100 |
| 237 - 238 | 76°59'23"SE | 16.04                 | 238             | 744,617.260000  | 1,739,324.966700 |
| 238 - 239 | 76°59'23"SE | 18.83                 | 239             | 744,635.604700  | 1,739,320.728100 |
| 239 - 240 | 75°40'59"SE | 27.01                 | 240             | 744,661.771600  | 1,739,314.050100 |
| 240 - 241 | 88°15'53"SE | 22.09                 | 241             | 744,683.856000  | 1,739,313.381100 |
| 241 - 242 | 73°34'36"SE | 30.73                 | 242             | 744,713.328100  | 1,739,304.694100 |
| 242 - 243 | 79°53'58"SE | 21.53                 | 243             | 744,734.520000  | 1,739,300.919100 |
| 243 - 244 | 74°00'47"SE | 32.80                 | 244             | 744,766.049200  | 1,739,291.886100 |
| 244 - 245 | 74°15'09"SE | 27.23                 | 245             | 744,792.260500  | 1,739,284.495100 |
| 245 - 246 | 76°08'11"SE | 32.68                 | 246             | 744,823.987000  | 1,739,276.665100 |
| 246 - 247 | 75°20'01"SE | 26.30                 | 247             | 744,849.434700  | 1,739,270.005100 |
| 247 - 248 | 79°45'43"SE | 34.78                 | 248             | 744,883.663200  | 1,739,263.823100 |
| 248 - 249 | 77°26'33"SE | 38.66                 | 249             | 744,921.397300  | 1,739,255.418100 |
| 249 - 250 | 80°24'01"SE | 38.29                 | 250             | 744,959.155000  | 1,739,249.032100 |
| 250 - 251 | 79°35'56"SE | 31.35                 | 251             | 744,989.990700  | 1,739,243.372100 |
| 251 - 252 | 76°50'17"SE | 30.26                 | 252             | 745,019.458700  | 1,739,236.481100 |
| 252 - 253 | 76°41'36"SE | 34.84                 | 253             | 745,053.363800  | 1,739,228.462200 |
| 253 - 254 | 77°14'59"SE | 36.19                 | 254             | 745,088.661700  | 1,739,220.475100 |
| 254 - 255 | 77°34'53"SE | 33.42                 | 255             | 745,121.295000  | 1,739,213.289100 |
| 255 - 256 | 76°25'33"SE | 34.75                 | 256             | 745,155.075200  | 1,739,205.133100 |
| 256 - 257 | 77°08'13"SE | 34.21                 | 257             | 745,188.427800  | 1,739,197.517100 |
| 257 - 258 | 78°00'30"SE | 23.81                 | 258             | 745,211.718600  | 1,739,192.570100 |
| 258 - 259 | 85°59'19"SE | 24.26                 | 259             | 745,235.918800  | 1,739,190.873100 |
| 259 - 260 | 77°35'28"SE | 33.57                 | 260             | 745,268.705800  | 1,739,183.659100 |
| 260 - 261 | 81°48'46"SE | 15.32                 | 261             | 745,283.868100  | 1,739,181.477700 |
| 261 - 262 | 81°48'45"SE | 15.68                 | 262             | 745,299.392400  | 1,739,179.244100 |
| 262 - 263 | 79°36'22"SE | 31.87                 | 263             | 745,330.735200  | 1,739,173.495100 |
| 263 - 264 | 81°50'14"SE | 33.85                 | 264             | 745,364.240900  | 1,739,168.689200 |
| 264 - 265 | 85°23'25"SE | 20.64                 | 265             | 745,384.811900  | 1,739,167.030600 |
| 265 - 266 | 85°23'24"SE | 5.78                  | 266             | 745,390.572700  | 1,739,166.566100 |
| 266 - 267 | 83°33'18"SE | 23.96                 | 267             | 745,414.377400  | 1,739,163.877100 |
| 267 - 268 | 83°34'26"SE | 30.91                 | 268             | 745,445.098100  | 1,739,160.417100 |
| 268 - 269 | 86°17'30"SE | 22.35                 | 269             | 745,467.400800  | 1,739,158.971600 |
| 269 - 270 | 86°17'32"SE | 5.05                  | 270             | 745,472.439200  | 1,739,158.645100 |
| 270 - 271 | 82°16'19"SE | 24.11                 | 271             | 745,496.329500  | 1,739,155.403200 |
| 271 - 272 | 81°30'44"SE | 10.54                 | 272             | 745,506.749500  | 1,739,153.848200 |
| 272 - 273 | 81°05'16"SE | 21.26                 | 273             | 745,527.750000  | 1,739,150.555100 |
| 273 - 274 | 81°45'23"SE | 29.47                 | 274             | 745,556.919400  | 1,739,146.329200 |
| 274 - 275 | 82°00'43"SE | 3.68                  | 275             | 745,560.563000  | 1,739,145.817900 |
| 275 - 276 | 81°30'28"SE | 1.25                  | 276             | 745,561.800700  | 1,739,145.633100 |
| 276 - 277 | 82°02'02"SE | 28.49                 | 277             | 745,590.013500  | 1,739,141.685100 |
| 277 - 278 | 79°26'47"SE | 14.66                 | 278             | 745,604.425300  | 1,739,139.000100 |
| 278 - 279 | 76°35'06"NE | 2.89                  | 279             | 745,607.236100  | 1,739,139.670500 |
| 279 - 280 | 76°35'05"NE | 4.52                  | 280             | 745,611.637500  | 1,739,140.720300 |
| 280 - 281 | 76°35'07"NE | 9.31                  | 281             | 745,620.689300  | 1,739,142.879200 |
| 281 - 282 | 76°35'10"NE | 1.50                  | 282             | 745,622.143900  | 1,739,143.226100 |
| 282 - 283 | 81°16'39"SE | 30.71                 | 283             | 745,652.498200  | 1,739,138.569100 |
| 283 - 284 | 74°47'34"SE | 1.66                  | 284             | 745,654.099600  | 1,739,138.133800 |
| 284 - 285 | 74°47'22"SE | 6.13                  | 285             | 745,660.017100  | 1,739,136.524900 |
| 285 - 286 | 74°47'24"SE | 11.87                 | 286             | 745,671.469600  | 1,739,133.411200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 286 - 287 | 81°17'16"SE | 26.96                 | 287             | 745,698.121400  | 1,739,129.327200 |
| 287 - 288 | 81°40'58"SE | 27.16                 | 288             | 745,724.991500  | 1,739,125.399100 |
| 288 - 289 | 86°42'28"SE | 31.59                 | 289             | 745,756.528800  | 1,739,123.585100 |
| 289 - 290 | 77°57'10"SE | 34.80                 | 290             | 745,790.561200  | 1,739,116.322000 |
| 290 - 291 | 75°18'44"SE | 24.95                 | 291             | 745,814.695100  | 1,739,109.996100 |
| 291 - 292 | 84°11'31"SE | 25.64                 | 292             | 745,840.207600  | 1,739,107.401100 |
| 292 - 293 | 75°48'37"SE | 26.07                 | 293             | 745,865.483600  | 1,739,101.010200 |
| 293 - 294 | 77°17'08"SE | 0.76                  | 294             | 745,866.228200  | 1,739,100.842200 |
| 294 - 295 | 75°51'09"SE | 11.66                 | 295             | 745,877.531400  | 1,739,097.993100 |
| 295 - 296 | 75°23'30"SE | 33.28                 | 296             | 745,909.737400  | 1,739,089.599100 |
| 296 - 297 | 74°54'56"SE | 24.40                 | 297             | 745,933.297000  | 1,739,083.249100 |
| 297 - 298 | 75°50'40"SE | 33.54                 | 298             | 745,965.817700  | 1,739,075.047100 |
| 298 - 299 | 75°21'41"SE | 31.06                 | 299             | 745,995.871600  | 1,739,067.197100 |
| 299 - 300 | 81°07'45"SE | 31.17                 | 300             | 746,026.670800  | 1,739,062.390200 |
| 300 - 301 | 80°28'16"SE | 12.56                 | 301             | 746,039.060500  | 1,739,060.310500 |
| 301 - 302 | 80°28'16"SE | 7.77                  | 302             | 746,046.723600  | 1,739,059.024200 |
| 302 - 303 | 80°28'19"SE | 6.15                  | 303             | 746,052.789400  | 1,739,058.006100 |
| 303 - 304 | 80°28'16"SE | 6.22                  | 304             | 746,058.925500  | 1,739,056.976100 |
| 304 - 305 | 78°31'19"SE | 28.29                 | 305             | 746,086.647800  | 1,739,051.347100 |
| 305 - 306 | 73°23'12"SE | 24.08                 | 306             | 746,109.720100  | 1,739,044.463200 |
| 306 - 307 | 73°23'13"SE | 4.08                  | 307             | 746,113.625100  | 1,739,043.298100 |
| 307 - 308 | 77°25'16"SE | 15.62                 | 308             | 746,128.869100  | 1,739,039.896600 |
| 308 - 309 | 77°25'17"SE | 12.45                 | 309             | 746,141.016600  | 1,739,037.186100 |
| 309 - 310 | 78°54'43"SE | 29.17                 | 310             | 746,169.637200  | 1,739,031.577200 |
| 310 - 311 | 74°42'57"SE | 38.19                 | 311             | 746,206.480300  | 1,739,021.509200 |
| 311 - 312 | 74°36'50"SE | 30.21                 | 312             | 746,235.606800  | 1,739,013.494100 |
| 312 - 313 | 74°43'49"SE | 32.59                 | 313             | 746,267.042300  | 1,739,004.912200 |
| 313 - 314 | 73°36'06"SE | 31.07                 | 314             | 746,296.851900  | 1,738,996.139700 |
| 314 - 315 | 74°15'06"SE | 13.48                 | 315             | 746,309.826900  | 1,738,992.480800 |
| 315 - 316 | 02°32'29"NE | 10.04                 | 316             | 746,310.272300  | 1,739,002.515000 |
| 316 - 317 | 75°20'55"SE | 62.76                 | 317             | 746,370.994300  | 1,738,986.640000 |
| 317 - 318 | 82°54'29"SE | 210.85                | 318             | 746,580.231300  | 1,738,960.608300 |
| 318 - 319 | 15°07'37"NW | 9.48                  | 319             | 746,577.756300  | 1,738,969.763800 |
| 319 - 320 | 15°07'40"NW | 4.43                  | 320             | 746,576.601100  | 1,738,974.036900 |
| 320 - 321 | 32°17'46"NE | 10.67                 | 321             | 746,582.300100  | 1,738,983.053100 |
| 321 - 322 | 75°48'44"NE | 12.18                 | 322             | 746,594.113400  | 1,738,986.039600 |
| 322 - 323 | 68°12'37"SE | 27.08                 | 323             | 746,619.262600  | 1,738,975.986000 |
| 323 - 324 | 37°51'44"SE | 20.31                 | 324             | 746,631.727000  | 1,738,959.953000 |
| 324 - 325 | 53°57'06"SE | 83.47                 | 325             | 746,699.210500  | 1,738,910.836700 |
| 325 - 326 | 58°48'24"SE | 76.40                 | 326             | 746,764.562000  | 1,738,871.269100 |
| 326 - 327 | 28°48'54"SW | 1.13                  | 327             | 746,764.019600  | 1,738,870.283100 |
| 327 - 328 | 73°28'59"SE | 15.97                 | 328             | 746,779.333200  | 1,738,865.742100 |
| 328 - 329 | 68°12'26"SE | 16.22                 | 329             | 746,794.397400  | 1,738,859.719100 |
| 329 - 330 | 70°11'25"SE | 20.78                 | 330             | 746,813.947000  | 1,738,852.677100 |
| 330 - 331 | 63°24'51"SE | 13.32                 | 331             | 746,825.860300  | 1,738,846.715100 |
| 331 - 332 | 69°46'03"SE | 16.49                 | 332             | 746,841.328300  | 1,738,841.014100 |
| 332 - 333 | 63°59'10"SE | 19.29                 | 333             | 746,858.665400  | 1,738,832.553100 |
| 333 - 334 | 63°03'29"SE | 15.17                 | 334             | 746,872.186400  | 1,738,825.681100 |
| 334 - 335 | 69°18'01"SE | 15.30                 | 335             | 746,886.495700  | 1,738,820.274200 |
| 335 - 336 | 74°30'01"SE | 20.38                 | 336             | 746,906.134200  | 1,738,814.828100 |
| 336 - 337 | 76°59'16"SE | 14.59                 | 337             | 746,920.353300  | 1,738,811.542200 |
| 337 - 338 | 70°09'40"SE | 19.52                 | 338             | 746,938.710700  | 1,738,804.919100 |
| 338 - 339 | 66°52'59"SE | 20.24                 | 339             | 746,957.322400  | 1,738,796.974100 |
| 339 - 340 | 66°55'25"SE | 15.73                 | 340             | 746,971.790400  | 1,738,790.810100 |
| 340 - 341 | 63°07'12"SE | 6.40                  | 341             | 746,977.495000  | 1,738,787.918500 |
| 341 - 342 | 63°07'08"SE | 7.08                  | 342             | 746,983.808500  | 1,738,784.718100 |
| 342 - 343 | 65°26'46"SE | 13.12                 | 343             | 746,995.737700  | 1,738,779.268100 |
| 343 - 344 | 66°58'11"SE | 15.24                 | 344             | 747,009.767400  | 1,738,773.304100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 344 - 345 | 65°39'19"SE | 10.39                 | 345             | 747,019.235800  | 1,738,769.020100 |
| 345 - 346 | 67°24'58"SE | 15.57                 | 346             | 747,033.613400  | 1,738,763.040100 |
| 346 - 347 | 69°06'23"SE | 6.08                  | 347             | 747,039.289600  | 1,738,760.873300 |
| 347 - 348 | 69°06'24"SE | 7.75                  | 348             | 747,046.533500  | 1,738,758.108100 |
| 348 - 349 | 65°19'51"SE | 14.38                 | 349             | 747,059.601400  | 1,738,752.106100 |
| 349 - 350 | 64°15'39"SE | 16.81                 | 350             | 747,074.739100  | 1,738,744.808100 |
| 350 - 351 | 70°24'08"SE | 11.17                 | 351             | 747,085.259700  | 1,738,741.062400 |
| 351 - 352 | 70°24'07"SE | 7.64                  | 352             | 747,092.456300  | 1,738,738.500100 |
| 352 - 353 | 55°30'16"SE | 16.37                 | 353             | 747,105.946500  | 1,738,729.230100 |
| 353 - 354 | 60°55'48"SE | 14.46                 | 354             | 747,118.587100  | 1,738,722.203100 |
| 354 - 355 | 62°05'37"SE | 20.00                 | 355             | 747,136.262300  | 1,738,712.842100 |
| 355 - 356 | 61°43'34"SE | 10.26                 | 356             | 747,145.299700  | 1,738,707.981300 |
| 356 - 357 | 61°43'26"SE | 3.41                  | 357             | 747,148.306200  | 1,738,706.364100 |
| 357 - 358 | 63°17'34"SE | 16.02                 | 358             | 747,162.619300  | 1,738,699.163100 |
| 358 - 359 | 63°02'03"SE | 12.14                 | 359             | 747,173.443400  | 1,738,693.656100 |
| 359 - 360 | 61°59'51"SE | 15.01                 | 360             | 747,186.699300  | 1,738,686.607100 |
| 360 - 361 | 60°58'29"SE | 14.48                 | 361             | 747,199.357900  | 1,738,679.583100 |
| 361 - 362 | 68°45'41"SE | 15.60                 | 362             | 747,213.897800  | 1,738,673.932200 |
| 362 - 363 | 71°28'05"SE | 11.50                 | 363             | 747,224.799500  | 1,738,670.277800 |
| 363 - 364 | 71°28'03"SE | 5.78                  | 364             | 747,230.284500  | 1,738,668.439100 |
| 364 - 365 | 71°48'43"SE | 17.32                 | 365             | 747,246.741600  | 1,738,663.032100 |
| 365 - 366 | 66°48'36"SE | 18.27                 | 366             | 747,263.539300  | 1,738,655.836100 |
| 366 - 367 | 67°41'09"SE | 16.01                 | 367             | 747,278.351100  | 1,738,649.757100 |
| 367 - 368 | 70°51'40"SE | 15.46                 | 368             | 747,292.957500  | 1,738,644.688100 |
| 368 - 369 | 66°25'43"SE | 12.59                 | 369             | 747,304.497900  | 1,738,639.653100 |
| 369 - 370 | 63°50'27"SE | 17.51                 | 370             | 747,320.213400  | 1,738,631.934100 |
| 370 - 371 | 66°09'15"SE | 14.44                 | 371             | 747,333.419200  | 1,738,626.097100 |
| 371 - 372 | 67°24'22"SE | 16.20                 | 372             | 747,348.373600  | 1,738,619.874100 |
| 372 - 373 | 64°25'47"SE | 23.96                 | 373             | 747,369.985700  | 1,738,609.533100 |
| 373 - 374 | 66°31'07"SE | 21.61                 | 374             | 747,389.809800  | 1,738,600.921100 |
| 374 - 375 | 64°30'14"SE | 22.99                 | 375             | 747,410.558900  | 1,738,591.026100 |
| 375 - 376 | 63°02'40"SE | 18.65                 | 376             | 747,427.180800  | 1,738,582.573100 |
| 376 - 377 | 65°53'24"SE | 18.17                 | 377             | 747,443.769700  | 1,738,575.149100 |
| 377 - 378 | 63°50'37"SE | 21.25                 | 378             | 747,462.842600  | 1,738,565.782100 |
| 378 - 379 | 61°25'32"SE | 9.86                  | 379             | 747,471.504200  | 1,738,561.064700 |
| 379 - 380 | 61°25'33"SE | 9.25                  | 380             | 747,479.630100  | 1,738,556.639100 |
| 380 - 381 | 67°27'07"SE | 20.08                 | 381             | 747,498.173300  | 1,738,548.940100 |
| 381 - 382 | 60°16'34"SE | 22.88                 | 382             | 747,518.042200  | 1,738,537.596100 |
| 382 - 383 | 62°09'05"SE | 20.89                 | 383             | 747,536.515700  | 1,738,527.836100 |
| 383 - 384 | 65°01'41"SE | 21.05                 | 384             | 747,555.594100  | 1,738,518.951100 |
| 384 - 385 | 59°26'09"SE | 21.39                 | 385             | 747,574.009000  | 1,738,508.076200 |
| 385 - 386 | 58°54'13"SE | 24.46                 | 386             | 747,594.957600  | 1,738,495.441100 |
| 386 - 387 | 66°33'15"SE | 23.02                 | 387             | 747,616.074300  | 1,738,486.283100 |
| 387 - 388 | 64°05'59"SE | 17.59                 | 388             | 747,631.894600  | 1,738,478.601100 |
| 388 - 389 | 65°36'34"SE | 23.87                 | 389             | 747,653.638300  | 1,738,468.742100 |
| 389 - 390 | 62°47'46"SE | 21.76                 | 390             | 747,672.988000  | 1,738,458.796100 |
| 390 - 391 | 59°37'21"SE | 18.71                 | 391             | 747,689.133700  | 1,738,449.332100 |
| 391 - 392 | 65°07'56"SE | 14.88                 | 392             | 747,702.638000  | 1,738,443.072900 |
| 392 - 393 | 65°07'58"SE | 2.70                  | 393             | 747,705.086400  | 1,738,441.938100 |
| 393 - 394 | 65°25'22"SE | 22.31                 | 394             | 747,725.377000  | 1,738,432.658100 |
| 394 - 395 | 62°30'10"SE | 16.87                 | 395             | 747,740.345300  | 1,738,424.867100 |
| 395 - 396 | 63°23'15"SE | 14.30                 | 396             | 747,753.132900  | 1,738,418.460100 |
| 396 - 397 | 68°48'00"SE | 21.43                 | 397             | 747,773.108600  | 1,738,410.712100 |
| 397 - 398 | 69°34'41"SE | 24.36                 | 398             | 747,795.937800  | 1,738,402.212100 |
| 398 - 399 | 71°45'51"SE | 21.58                 | 399             | 747,816.437000  | 1,738,395.458100 |
| 399 - 400 | 67°15'28"SE | 24.84                 | 400             | 747,839.348900  | 1,738,385.854100 |
| 400 - 401 | 72°16'51"SE | 24.54                 | 401             | 747,862.728800  | 1,738,378.384100 |
| 401 - 402 | 75°40'26"SE | 24.24                 | 402             | 747,886.219400  | 1,738,372.385100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 402 - 403 | 73°12'54"SE | 23.05                 | 403             | 747,908.286200  | 1,738,365.729100 |
| 403 - 404 | 66°58'31"SE | 22.23                 | 404             | 747,928.748400  | 1,738,357.033100 |
| 404 - 405 | 69°53'42"SE | 20.32                 | 405             | 747,947.828100  | 1,738,350.049100 |
| 405 - 406 | 73°09'30"SE | 17.45                 | 406             | 747,964.534000  | 1,738,344.992100 |
| 406 - 407 | 74°03'12"SE | 18.04                 | 407             | 747,981.875200  | 1,738,340.037100 |
| 407 - 408 | 72°19'57"SE | 8.38                  | 408             | 747,989.860400  | 1,738,337.493700 |
| 408 - 409 | 72°19'57"SE | 14.35                 | 409             | 748,003.537900  | 1,738,333.137200 |
| 409 - 410 | 72°34'23"SE | 23.06                 | 410             | 748,025.539100  | 1,738,326.231100 |
| 410 - 411 | 72°31'50"SE | 19.40                 | 411             | 748,044.048100  | 1,738,320.406100 |
| 411 - 412 | 71°48'54"SE | 19.63                 | 412             | 748,062.700000  | 1,738,314.279100 |
| 412 - 413 | 70°30'13"SE | 19.47                 | 413             | 748,081.050700  | 1,738,307.782100 |
| 413 - 414 | 79°18'46"SE | 18.63                 | 414             | 748,099.358600  | 1,738,304.327100 |
| 414 - 415 | 77°14'00"SE | 23.55                 | 415             | 748,122.321900  | 1,738,299.124100 |
| 415 - 416 | 69°24'23"SE | 16.97                 | 416             | 748,138.204900  | 1,738,293.156100 |
| 416 - 417 | 82°31'40"SE | 18.25                 | 417             | 748,156.297700  | 1,738,290.783100 |
| 417 - 418 | 74°06'02"SE | 22.66                 | 418             | 748,178.095100  | 1,738,284.574200 |
| 418 - 419 | 74°06'06"SE | 1.05                  | 419             | 748,179.106600  | 1,738,284.286100 |
| 419 - 420 | 70°27'01"SE | 20.30                 | 420             | 748,198.239600  | 1,738,277.492100 |
| 420 - 421 | 73°18'51"SE | 13.02                 | 421             | 748,210.710300  | 1,738,273.754100 |
| 421 - 422 | 79°26'08"SE | 17.04                 | 422             | 748,227.466200  | 1,738,270.629100 |
| 422 - 423 | 76°09'13"SE | 18.67                 | 423             | 748,245.593300  | 1,738,266.161100 |
| 423 - 424 | 85°43'34"SE | 18.21                 | 424             | 748,263.751700  | 1,738,264.804100 |
| 424 - 425 | 78°47'50"SE | 26.87                 | 425             | 748,290.108100  | 1,738,259.584100 |
| 425 - 426 | 80°21'31"SE | 16.21                 | 426             | 748,306.084500  | 1,738,256.870100 |
| 426 - 427 | 80°25'21"SE | 24.61                 | 427             | 748,330.347900  | 1,738,252.776100 |
| 427 - 428 | 75°56'17"SE | 26.30                 | 428             | 748,355.863700  | 1,738,246.385100 |
| 428 - 429 | 76°09'19"SE | 24.12                 | 429             | 748,379.280300  | 1,738,240.614100 |
| 429 - 430 | 76°04'27"SE | 23.95                 | 430             | 748,402.527000  | 1,738,234.850100 |
| 430 - 431 | 77°08'59"SE | 25.05                 | 431             | 748,426.952700  | 1,738,229.278200 |
| 431 - 432 | 78°18'15"SE | 21.86                 | 432             | 748,448.362600  | 1,738,224.846100 |
| 432 - 433 | 73°20'17"SE | 17.05                 | 433             | 748,464.698000  | 1,738,219.957100 |
| 433 - 434 | 70°28'12"SE | 25.05                 | 434             | 748,488.303500  | 1,738,211.584100 |
| 434 - 435 | 72°14'10"SE | 17.85                 | 435             | 748,505.299600  | 1,738,206.139100 |
| 435 - 436 | 65°19'24"SE | 17.19                 | 436             | 748,520.920300  | 1,738,198.962100 |
| 436 - 437 | 74°58'34"SE | 7.33                  | 437             | 748,527.999100  | 1,738,197.062200 |
| 437 - 438 | 86°47'37"SE | 19.38                 | 438             | 748,547.350300  | 1,738,195.978200 |
| 438 - 439 | 74°15'36"SE | 27.82                 | 439             | 748,574.128200  | 1,738,188.431100 |
| 439 - 440 | 66°22'47"SE | 6.12                  | 440             | 748,579.733400  | 1,738,185.979900 |
| 440 - 441 | 66°22'49"SE | 23.15                 | 441             | 748,600.942800  | 1,738,176.705100 |
| 441 - 442 | 69°18'14"SE | 23.89                 | 442             | 748,623.288600  | 1,738,168.263100 |
| 442 - 443 | 71°57'06"SE | 19.92                 | 443             | 748,642.226900  | 1,738,162.092100 |
| 443 - 444 | 73°49'40"SE | 15.36                 | 444             | 748,656.975200  | 1,738,157.815100 |
| 444 - 445 | 72°29'58"SE | 18.11                 | 445             | 748,674.247200  | 1,738,152.369100 |
| 445 - 446 | 70°03'43"SE | 22.70                 | 446             | 748,695.590200  | 1,738,144.627100 |
| 446 - 447 | 78°49'20"SE | 15.91                 | 447             | 748,711.197400  | 1,738,141.543100 |
| 447 - 448 | 66°44'44"SE | 18.38                 | 448             | 748,728.082700  | 1,738,134.287100 |
| 448 - 449 | 68°32'20"SE | 16.75                 | 449             | 748,743.670600  | 1,738,128.159100 |
| 449 - 450 | 75°45'58"SE | 17.50                 | 450             | 748,760.633900  | 1,738,123.856100 |
| 450 - 451 | 77°21'28"SE | 10.65                 | 451             | 748,771.027600  | 1,738,121.524800 |
| 451 - 452 | 77°21'26"SE | 13.99                 | 452             | 748,784.681700  | 1,738,118.462100 |
| 452 - 453 | 75°19'26"SE | 20.49                 | 453             | 748,804.502400  | 1,738,113.271100 |
| 453 - 454 | 76°42'10"SE | 18.11                 | 454             | 748,822.125600  | 1,738,109.106100 |
| 454 - 455 | 75°02'30"SE | 19.94                 | 455             | 748,841.394500  | 1,738,103.958100 |
| 455 - 456 | 74°41'27"SE | 15.35                 | 456             | 748,856.200700  | 1,738,099.905100 |
| 456 - 457 | 80°22'44"SE | 20.94                 | 457             | 748,876.841900  | 1,738,096.406100 |
| 457 - 458 | 76°19'21"SE | 18.61                 | 458             | 748,894.928800  | 1,738,092.004600 |
| 458 - 459 | 76°19'21"SE | 6.52                  | 459             | 748,901.263100  | 1,738,090.463100 |
| 459 - 460 | 75°16'23"SE | 22.78                 | 460             | 748,923.295100  | 1,738,084.672100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 460 - 461 | 71°09'08"SE | 18.82                 | 461             | 748,941.103600  | 1,738,078.593100 |
| 461 - 462 | 69°56'44"SE | 22.94                 | 462             | 748,962.657200  | 1,738,070.725100 |
| 462 - 463 | 68°33'31"SE | 17.38                 | 463             | 748,978.839000  | 1,738,064.370100 |
| 463 - 464 | 70°59'37"SE | 21.88                 | 464             | 748,999.527100  | 1,738,057.244100 |
| 464 - 465 | 70°13'36"SE | 16.92                 | 465             | 749,015.449600  | 1,738,051.520100 |
| 465 - 466 | 73°58'19"SE | 23.91                 | 466             | 749,038.427600  | 1,738,044.919100 |
| 466 - 467 | 72°21'59"SE | 23.54                 | 467             | 749,060.858800  | 1,738,037.789100 |
| 467 - 468 | 75°54'39"SE | 18.99                 | 468             | 749,079.274600  | 1,738,033.167100 |
| 468 - 469 | 78°53'33"SE | 14.39                 | 469             | 749,093.398700  | 1,738,030.394200 |
| 469 - 470 | 79°07'24"SE | 19.92                 | 470             | 749,112.962600  | 1,738,026.635100 |
| 470 - 471 | 77°48'46"SE | 19.37                 | 471             | 749,131.900200  | 1,738,022.545100 |
| 471 - 472 | 80°37'04"SE | 20.00                 | 472             | 749,151.636800  | 1,738,019.284100 |
| 472 - 473 | 79°28'34"SE | 25.25                 | 473             | 749,176.463200  | 1,738,014.672100 |
| 473 - 474 | 73°21'01"SE | 23.94                 | 474             | 749,199.398900  | 1,738,007.813100 |
| 474 - 475 | 73°38'27"SE | 23.10                 | 475             | 749,221.562700  | 1,738,001.307100 |
| 475 - 476 | 73°51'16"SE | 5.53                  | 476             | 749,226.879200  | 1,737,999.768000 |
| 476 - 477 | 73°51'17"SE | 17.91                 | 477             | 749,244.084900  | 1,737,994.787100 |
| 477 - 478 | 73°51'54"SE | 24.54                 | 478             | 749,267.663000  | 1,737,987.966100 |
| 478 - 479 | 74°16'31"SE | 23.00                 | 479             | 749,289.804600  | 1,737,981.732100 |
| 479 - 480 | 73°34'34"SE | 4.74                  | 480             | 749,294.350900  | 1,737,980.392000 |
| 480 - 481 | 73°34'36"SE | 17.90                 | 481             | 749,311.524000  | 1,737,975.330100 |
| 481 - 482 | 73°43'11"SE | 24.96                 | 482             | 749,335.482900  | 1,737,968.333100 |
| 482 - 483 | 73°35'02"SE | 1.35                  | 483             | 749,336.778800  | 1,737,967.951300 |
| 483 - 484 | 73°34'54"SE | 19.45                 | 484             | 749,355.434600  | 1,737,962.454200 |
| 484 - 485 | 73°26'26"SE | 22.71                 | 485             | 749,377.201300  | 1,737,955.982100 |
| 485 - 486 | 73°13'22"SE | 15.98                 | 486             | 749,392.505800  | 1,737,951.368100 |
| 486 - 487 | 60°23'55"SE | 32.41                 | 487             | 749,420.687000  | 1,737,935.358100 |
| 487 - 488 | 60°57'36"SE | 16.30                 | 488             | 749,434.935400  | 1,737,927.447100 |
| 488 - 489 | 68°15'01"SE | 19.87                 | 489             | 749,453.386400  | 1,737,920.086100 |
| 489 - 490 | 56°21'12"SE | 21.20                 | 490             | 749,471.036000  | 1,737,908.339100 |
| 490 - 491 | 67°56'49"SE | 15.74                 | 491             | 749,485.622500  | 1,737,902.430100 |
| 491 - 492 | 77°11'58"SE | 13.94                 | 492             | 749,499.214000  | 1,737,899.342100 |
| 492 - 493 | 65°10'12"SE | 17.41                 | 493             | 749,515.010400  | 1,737,892.033100 |
| 493 - 494 | 67°09'51"SE | 8.80                  | 494             | 749,523.125000  | 1,737,888.616100 |
| 494 - 495 | 49°49'32"NE | 10.06                 | 495             | 749,530.811900  | 1,737,895.106100 |
| 495 - 496 | 41°48'00"NE | 6.16                  | 496             | 749,534.920400  | 1,737,899.701200 |
| 496 - 497 | 66°47'23"SE | 21.79                 | 497             | 749,554.944200  | 1,737,891.114800 |
| 497 - 498 | 66°47'22"SE | 13.21                 | 498             | 749,567.087200  | 1,737,885.907700 |
| 498 - 499 | 79°28'09"SE | 44.96                 | 499             | 749,611.287300  | 1,737,877.691300 |
| 499 - 500 | 79°28'02"SE | 33.74                 | 500             | 749,644.455700  | 1,737,871.524400 |
| 500 - 501 | 73°47'18"SE | 4.43                  | 501             | 749,648.712700  | 1,737,870.286700 |
| 501 - 502 | 73°47'17"SE | 28.80                 | 502             | 749,676.367100  | 1,737,862.246200 |
| 502 - 503 | 11°09'20"SE | 30.48                 | 503             | 749,682.264800  | 1,737,832.339400 |
| 503 - 504 | 63°14'54"SE | 0.98                  | 504             | 749,683.136300  | 1,737,831.900100 |
| 504 - 505 | 63°57'12"SE | 24.28                 | 505             | 749,704.951600  | 1,737,821.238100 |
| 505 - 506 | 64°27'59"SE | 11.30                 | 506             | 749,715.151500  | 1,737,816.365700 |
| 506 - 507 | 64°27'57"SE | 13.39                 | 507             | 749,727.236600  | 1,737,810.592600 |
| 507 - 508 | 64°28'02"SE | 2.90                  | 508             | 749,729.850300  | 1,737,809.344100 |
| 508 - 509 | 72°49'49"SE | 14.09                 | 509             | 749,743.307800  | 1,737,805.186100 |
| 509 - 510 | 77°36'32"SE | 25.60                 | 510             | 749,768.315000  | 1,737,799.692100 |
| 510 - 511 | 72°06'14"SE | 24.06                 | 511             | 749,791.212400  | 1,737,792.298200 |
| 511 - 512 | 70°16'58"SE | 28.38                 | 512             | 749,817.929700  | 1,737,782.723100 |
| 512 - 513 | 71°41'32"SE | 30.56                 | 513             | 749,846.944000  | 1,737,773.123200 |
| 513 - 514 | 72°38'04"SE | 32.01                 | 514             | 749,877.492800  | 1,737,763.570100 |
| 514 - 515 | 68°43'12"SE | 29.66                 | 515             | 749,905.129300  | 1,737,752.806200 |
| 515 - 516 | 72°53'42"SE | 24.16                 | 516             | 749,928.217700  | 1,737,745.701100 |
| 516 - 517 | 66°58'11"SE | 25.59                 | 517             | 749,951.767600  | 1,737,735.690100 |
| 517 - 518 | 68°00'30"SE | 27.07                 | 518             | 749,976.868000  | 1,737,725.553200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 518 - 519 | 72°13'49"SE | 21.45                 | 519             | 749,997.293800  | 1,737,719.007100 |
| 519 - 520 | 65°03'42"SE | 21.75                 | 520             | 750,017.016600  | 1,737,709.836100 |
| 520 - 521 | 71°00'06"SE | 23.90                 | 521             | 750,039.613700  | 1,737,702.056100 |
| 521 - 522 | 72°30'42"SE | 21.46                 | 522             | 750,060.078800  | 1,737,695.608100 |
| 522 - 523 | 71°12'59"SE | 22.03                 | 523             | 750,080.939900  | 1,737,688.513100 |
| 523 - 524 | 61°52'11"SE | 17.45                 | 524             | 750,096.324500  | 1,737,680.288100 |
| 524 - 525 | 75°21'57"SE | 16.24                 | 525             | 750,112.041800  | 1,737,676.184100 |
| 525 - 526 | 64°30'49"SE | 21.16                 | 526             | 750,131.138500  | 1,737,667.081100 |
| 526 - 527 | 63°49'08"SE | 21.14                 | 527             | 750,150.109100  | 1,737,657.754200 |
| 527 - 528 | 77°11'01"SE | 23.47                 | 528             | 750,172.993700  | 1,737,652.548100 |
| 528 - 529 | 75°07'56"SE | 17.42                 | 529             | 750,189.832600  | 1,737,648.077800 |
| 529 - 530 | 24°58'52"NE | 9.97                  | 530             | 750,194.042300  | 1,737,657.113300 |
| 530 - 531 | 66°05'03"SE | 23.19                 | 531             | 750,215.238700  | 1,737,647.713400 |
| 531 - 532 | 66°05'02"SE | 82.44                 | 532             | 750,290.601700  | 1,737,614.292100 |
| 532 - 533 | 66°05'07"SE | 2.22                  | 533             | 750,292.632400  | 1,737,613.391600 |
| 533 - 534 | 66°05'03"SE | 21.72                 | 534             | 750,312.487900  | 1,737,604.586300 |
| 534 - 535 | 66°05'02"SE | 16.46                 | 535             | 750,327.537900  | 1,737,597.912000 |
| 535 - 536 | 65°05'55"SE | 314.82                | 536             | 750,613.091900  | 1,737,465.355100 |
| 536 - 537 | 65°05'55"SE | 13.99                 | 537             | 750,625.780100  | 1,737,459.465100 |
| 537 - 538 | 75°14'31"SE | 1.74                  | 538             | 750,627.461400  | 1,737,459.022200 |
| 538 - 539 | 75°14'30"SE | 297.52                | 539             | 750,915.162300  | 1,737,383.233100 |
| 539 - 540 | 75°14'31"SE | 41.95                 | 540             | 750,955.732500  | 1,737,372.545900 |
| 540 - 541 | 65°56'19"SE | 146.43                | 541             | 751,089.438200  | 1,737,312.844900 |
| 541 - 542 | 65°56'18"SE | 233.77                | 542             | 751,302.895700  | 1,737,217.533300 |
| 542 - 543 | 65°56'19"SE | 86.64                 | 543             | 751,382.006200  | 1,737,182.209500 |
| 543 - 544 | 65°56'19"SE | 122.24                | 544             | 751,493.623300  | 1,737,132.371000 |
| 544 - 545 | 65°56'18"SE | 149.61                | 545             | 751,630.234200  | 1,737,071.372300 |
| 545 - 546 | 65°56'18"SE | 102.94                | 546             | 751,724.228700  | 1,737,029.402200 |
| 546 - 547 | 65°56'19"SE | 12.04                 | 547             | 751,735.225700  | 1,737,024.491900 |
| 547 - 548 | 65°56'20"SE | 132.67                | 548             | 751,856.371700  | 1,736,970.399700 |
| 548 - 549 | 65°56'20"SE | 73.28                 | 549             | 751,923.288800  | 1,736,940.520900 |
| 549 - 550 | 65°56'22"SE | 120.66                | 550             | 752,033.464200  | 1,736,891.328700 |
| 550 - 551 | 59°20'42"SE | 147.48                | 551             | 752,160.335500  | 1,736,816.133000 |
| 551 - 552 | 59°20'42"SE | 8.39                  | 552             | 752,167.555600  | 1,736,811.853700 |
| 552 - 553 | 59°20'43"SE | 47.02                 | 553             | 752,208.003500  | 1,736,787.880800 |
| 553 - 554 | 59°20'42"SE | 28.05                 | 554             | 752,232.136200  | 1,736,773.577500 |
| 554 - 555 | 59°20'46"SE | 390.58                | 555             | 752,568.135600  | 1,736,574.441600 |
| 555 - 556 | 59°20'44"SE | 402.14                | 556             | 752,914.078600  | 1,736,369.409200 |
| 556 - 557 | 59°22'10"SE | 4.13                  | 557             | 752,917.631800  | 1,736,367.305300 |
| 557 - 558 | 63°57'50"SE | 113.92                | 558             | 753,019.989700  | 1,736,317.302500 |
| 558 - 559 | 63°57'50"SE | 484.43                | 559             | 753,455.258500  | 1,736,104.669600 |
| 559 - 560 | 31°03'30"SW | 3.79                  | 560             | 753,453.303900  | 1,736,101.424100 |
| 560 - 561 | 52°00'42"SE | 23.83                 | 561             | 753,472.084700  | 1,736,086.757100 |
| 561 - 562 | 63°33'21"SE | 29.34                 | 562             | 753,498.355400  | 1,736,073.691100 |
| 562 - 563 | 61°49'19"SE | 30.07                 | 563             | 753,524.860800  | 1,736,059.492100 |
| 563 - 564 | 64°14'42"SE | 31.59                 | 564             | 753,553.309500  | 1,736,045.767100 |
| 564 - 565 | 64°23'23"SE | 27.17                 | 565             | 753,577.810000  | 1,736,034.023100 |
| 565 - 566 | 63°26'56"SE | 30.57                 | 566             | 753,605.154700  | 1,736,020.359100 |
| 566 - 567 | 64°29'23"SE | 30.36                 | 567             | 753,632.550400  | 1,736,007.286100 |
| 567 - 568 | 64°48'08"SE | 26.14                 | 568             | 753,656.199100  | 1,735,996.159100 |
| 568 - 569 | 64°09'41"SE | 26.65                 | 569             | 753,680.184900  | 1,735,984.544100 |
| 569 - 570 | 61°20'50"SE | 30.44                 | 570             | 753,706.895500  | 1,735,969.949100 |
| 570 - 571 | 61°16'15"SE | 18.38                 | 571             | 753,723.017200  | 1,735,961.112100 |
| 571 - 572 | 63°45'12"SE | 25.65                 | 572             | 753,746.020100  | 1,735,949.770100 |
| 572 - 573 | 61°07'58"SE | 22.53                 | 573             | 753,765.748700  | 1,735,938.894100 |
| 573 - 574 | 70°04'34"SE | 25.91                 | 574             | 753,790.109900  | 1,735,930.064100 |
| 574 - 575 | 60°46'49"SE | 25.03                 | 575             | 753,811.952200  | 1,735,917.847100 |
| 575 - 576 | 66°57'06"SE | 29.60                 | 576             | 753,839.188100  | 1,735,906.259100 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 576 - 577 | 64°32'39"SE | 28.21                 | 577             | 753,864.659100  | 1,735,894.134200 |
| 577 - 578 | 57°52'37"SE | 29.26                 | 578             | 753,889.435500  | 1,735,878.578100 |
| 578 - 579 | 65°33'35"SE | 24.99                 | 579             | 753,912.185000  | 1,735,868.239200 |
| 579 - 580 | 63°11'16"SE | 28.57                 | 580             | 753,937.683900  | 1,735,855.352100 |
| 580 - 581 | 69°49'11"SE | 27.05                 | 581             | 753,963.072100  | 1,735,846.021100 |
| 581 - 582 | 58°39'19"SE | 28.87                 | 582             | 753,987.732500  | 1,735,831.001100 |
| 582 - 583 | 56°47'31"SE | 27.88                 | 583             | 754,011.061900  | 1,735,815.730100 |
| 583 - 584 | 64°52'40"SE | 21.38                 | 584             | 754,030.415500  | 1,735,806.655100 |
| 584 - 585 | 59°11'00"SE | 24.51                 | 585             | 754,051.464500  | 1,735,794.099200 |
| 585 - 586 | 64°00'48"SE | 30.11                 | 586             | 754,078.526500  | 1,735,780.908100 |
| 586 - 587 | 62°39'36"SE | 27.55                 | 587             | 754,103.003100  | 1,735,768.253200 |
| 587 - 588 | 59°54'24"SE | 29.15                 | 588             | 754,128.222200  | 1,735,753.638200 |
| 588 - 589 | 63°55'07"SE | 38.14                 | 589             | 754,162.482700  | 1,735,736.868100 |
| 589 - 590 | 62°39'22"SE | 26.31                 | 590             | 754,185.855200  | 1,735,724.782100 |
| 590 - 591 | 63°10'03"SE | 27.89                 | 591             | 754,210.740300  | 1,735,712.194100 |
| 591 - 592 | 62°43'39"SE | 26.23                 | 592             | 754,234.054400  | 1,735,700.175100 |
| 592 - 593 | 63°30'53"SE | 28.36                 | 593             | 754,259.436700  | 1,735,687.528100 |
| 593 - 594 | 62°07'24"SE | 30.96                 | 594             | 754,286.804300  | 1,735,673.052100 |
| 594 - 595 | 59°20'57"SE | 27.32                 | 595             | 754,310.309500  | 1,735,659.123100 |
| 595 - 596 | 60°21'55"SE | 29.04                 | 596             | 754,335.548700  | 1,735,644.765100 |
| 596 - 597 | 63°39'07"SE | 30.87                 | 597             | 754,363.208400  | 1,735,631.066100 |
| 597 - 598 | 61°30'11"SE | 27.89                 | 598             | 754,387.723700  | 1,735,617.757100 |
| 598 - 599 | 61°02'15"SE | 26.37                 | 599             | 754,410.793500  | 1,735,604.989100 |
| 599 - 600 | 64°56'23"SE | 27.70                 | 600             | 754,435.888300  | 1,735,593.255100 |
| 600 - 601 | 67°09'34"SE | 26.32                 | 601             | 754,460.143400  | 1,735,583.039100 |
| 601 - 602 | 55°42'10"SE | 30.31                 | 602             | 754,485.184600  | 1,735,565.959100 |
| 602 - 603 | 61°29'47"SE | 23.17                 | 603             | 754,505.542500  | 1,735,554.904100 |
| 603 - 604 | 64°37'52"SE | 25.92                 | 604             | 754,528.966700  | 1,735,543.797100 |
| 604 - 605 | 63°45'51"SE | 1.08                  | 605             | 754,529.936600  | 1,735,543.319100 |
| 605 - 606 | 63°45'48"SE | 28.25                 | 606             | 754,555.272900  | 1,735,530.832100 |
| 606 - 607 | 61°04'21"SE | 30.85                 | 607             | 754,582.273500  | 1,735,515.910100 |
| 607 - 608 | 64°26'00"SE | 24.70                 | 608             | 754,604.555900  | 1,735,505.250100 |
| 608 - 609 | 67°57'52"SE | 30.20                 | 609             | 754,632.551200  | 1,735,493.919100 |
| 609 - 610 | 67°17'35"SE | 26.55                 | 610             | 754,657.046500  | 1,735,483.669100 |
| 610 - 611 | 58°52'44"SE | 26.74                 | 611             | 754,679.940600  | 1,735,469.847100 |
| 611 - 612 | 61°15'25"SE | 25.84                 | 612             | 754,702.593300  | 1,735,457.423100 |
| 612 - 613 | 63°51'09"SE | 25.83                 | 613             | 754,725.776300  | 1,735,446.042100 |
| 613 - 614 | 63°34'45"SE | 27.67                 | 614             | 754,750.552300  | 1,735,433.732100 |
| 614 - 615 | 60°20'14"SE | 26.47                 | 615             | 754,773.557300  | 1,735,420.630100 |
| 615 - 616 | 62°08'51"SE | 20.22                 | 616             | 754,791.435600  | 1,735,411.183100 |
| 616 - 617 | 65°14'40"SE | 18.87                 | 617             | 754,808.572100  | 1,735,403.281100 |
| 617 - 618 | 64°53'20"SE | 24.53                 | 618             | 754,830.786200  | 1,735,392.870100 |
| 618 - 619 | 61°25'27"SE | 23.34                 | 619             | 754,851.279400  | 1,735,381.708100 |
| 619 - 620 | 59°48'49"SE | 24.27                 | 620             | 754,872.259600  | 1,735,369.504100 |
| 620 - 621 | 61°52'21"SE | 18.70                 | 621             | 754,888.751500  | 1,735,360.688100 |
| 621 - 622 | 67°18'47"SE | 21.69                 | 622             | 754,908.759100  | 1,735,352.324100 |
| 622 - 623 | 61°07'59"SE | 23.20                 | 623             | 754,929.079200  | 1,735,341.122100 |
| 623 - 624 | 56°04'50"SE | 29.03                 | 624             | 754,953.169700  | 1,735,324.922200 |
| 624 - 625 | 63°16'37"SE | 26.06                 | 625             | 754,976.443300  | 1,735,313.205100 |
| 625 - 626 | 58°26'47"SE | 25.57                 | 626             | 754,998.233300  | 1,735,299.824200 |
| 626 - 627 | 54°58'58"SE | 21.23                 | 627             | 755,015.621500  | 1,735,287.641100 |
| 627 - 628 | 52°24'25"SE | 21.25                 | 628             | 755,032.458600  | 1,735,274.678100 |
| 628 - 629 | 69°27'48"SE | 26.39                 | 629             | 755,057.166800  | 1,735,265.422100 |
| 629 - 630 | 67°34'52"SE | 25.93                 | 630             | 755,081.137100  | 1,735,255.533100 |
| 630 - 631 | 67°11'31"SE | 32.36                 | 631             | 755,110.969000  | 1,735,242.988100 |
| 631 - 632 | 66°28'23"SE | 27.42                 | 632             | 755,136.108600  | 1,735,232.043100 |
| 632 - 633 | 67°04'46"SE | 19.24                 | 633             | 755,153.831800  | 1,735,224.549100 |
| 633 - 634 | 67°19'46"SE | 25.93                 | 634             | 755,177.762800  | 1,735,214.553100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 634 - 635 | 79°16'09"SE | 6.33                  | 635             | 755,183.986400  | 1,735,213.373700 |
| 635 - 636 | 79°16'10"SE | 17.82                 | 636             | 755,201.493300  | 1,735,210.056100 |
| 636 - 637 | 80°41'43"SE | 22.45                 | 637             | 755,223.649200  | 1,735,206.426100 |
| 637 - 638 | 76°43'16"SE | 19.91                 | 638             | 755,243.026400  | 1,735,201.853100 |
| 638 - 639 | 72°12'10"SE | 24.96                 | 639             | 755,266.792000  | 1,735,194.224100 |
| 639 - 640 | 67°45'03"SE | 23.38                 | 640             | 755,288.427500  | 1,735,185.373200 |
| 640 - 641 | 67°45'02"SE | 2.46                  | 641             | 755,290.701300  | 1,735,184.443000 |
| 641 - 642 | 58°09'24"SE | 23.57                 | 642             | 755,310.724900  | 1,735,172.007000 |
| 642 - 643 | 57°08'43"SE | 19.11                 | 643             | 755,326.774600  | 1,735,161.642000 |
| 643 - 644 | 50°28'43"SE | 20.66                 | 644             | 755,342.709800  | 1,735,148.496100 |
| 644 - 645 | 67°09'29"SE | 16.15                 | 645             | 755,357.595200  | 1,735,142.226100 |
| 645 - 646 | 58°00'19"SE | 24.98                 | 646             | 755,378.781900  | 1,735,128.990000 |
| 646 - 647 | 67°39'42"SE | 19.36                 | 647             | 755,396.686100  | 1,735,121.633000 |
| 647 - 648 | 63°56'36"SE | 15.41                 | 648             | 755,410.525600  | 1,735,114.866100 |
| 648 - 649 | 26°03'27"SW | 19.45                 | 649             | 755,401.979500  | 1,735,097.388700 |
| 649 - 650 | 23°38'21"SW | 58.86                 | 650             | 755,378.376200  | 1,735,043.463400 |

A partir de este vértice 650 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 18,109.27 metros hasta llegar al vértice 651.

|           |             |       |     |                |                  |
|-----------|-------------|-------|-----|----------------|------------------|
|           |             |       | 651 | 738,456.706800 | 1,740,195.252400 |
| 651 - 652 | 27°24'35"NE | 53.41 | 652 | 738,481.292900 | 1,740,242.664000 |
| 652 - 1   | 34°13'03"NE | 62.92 | 1   |                |                  |

### Zona de Amortiguamiento

#### “Río Cozoaltepec”

(Superficie 71-59-93.14 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 738,247.669222  | 1,740,268.241150 |
| 1 - 2   | 83°27'48"SE | 42.88                 | 2               | 738,290.272156  | 1,740,263.359560 |
| 2 - 3   | 19°16'51"NE | 24.45                 | 3               | 738,298.344301  | 1,740,286.434650 |
| 3 - 4   | 70°16'43"NE | 50.11                 | 4               | 738,345.518400  | 1,740,303.345050 |
| 4 - 5   | 89°07'38"SE | 52.92                 | 5               | 738,398.433599  | 1,740,302.539050 |
| 5 - 6   | 88°56'03"SE | 51.57                 | 6               | 738,449.990499  | 1,740,301.580060 |
| 6 - 7   | 84°04'05"SE | 36.94                 | 7               | 738,486.734049  | 1,740,297.762440 |
| 7 - 8   | 79°45'18"NE | 80.73                 | 8               | 738,566.176645  | 1,740,312.120690 |
| 8 - 9   | 79°45'18"NE | 215.85                | 9               | 738,778.585408  | 1,740,350.510900 |
| 9 - 10  | 80°00'32"SE | 201.38                | 10              | 738,976.910664  | 1,740,315.572920 |
| 10 - 11 | 69°49'14"NE | 102.30                | 11              | 739,072.927501  | 1,740,350.860790 |
| 11 - 12 | 81°10'44"SE | 92.65                 | 12              | 739,164.482549  | 1,740,336.653160 |
| 12 - 13 | 83°50'45"SE | 141.97                | 13              | 739,305.637581  | 1,740,321.433370 |
| 13 - 14 | 77°36'16"SE | 304.04                | 14              | 739,602.589381  | 1,740,256.169260 |
| 14 - 15 | 64°29'14"NE | 93.91                 | 15              | 739,687.338720  | 1,740,296.615470 |
| 15 - 16 | 25°15'47"NE | 286.65                | 16              | 739,809.675072  | 1,740,555.852020 |
| 16 - 17 | 77°07'29"SE | 209.15                | 17              | 740,013.568991  | 1,740,509.247700 |
| 17 - 18 | 29°34'40"SE | 123.92                | 18              | 740,074.737167  | 1,740,401.475200 |
| 18 - 19 | 65°22'35"SE | 76.90                 | 19              | 740,144.643654  | 1,740,369.434730 |
| 19 - 20 | 87°32'45"SE | 204.08                | 20              | 740,348.537574  | 1,740,360.696410 |
| 20 - 21 | 46°19'56"SE | 88.59                 | 21              | 740,412.618520  | 1,740,299.528240 |
| 21 - 22 | 87°23'50"SE | 192.44                | 22              | 740,604.861358  | 1,740,290.789930 |
| 22 - 23 | 42°47'50"NE | 107.18                | 23              | 740,677.680615  | 1,740,369.434730 |
| 23 - 24 | 83°39'35"SE | 158.26                | 24              | 740,834.970210  | 1,740,351.958100 |
| 24 - 25 | 55°00'28"SE | 71.11                 | 25              | 740,893.225616  | 1,740,311.179320 |
| 25 - 26 | 83°09'26"SE | 513.39                | 26              | 741,402.960415  | 1,740,250.011140 |
| 26 - 27 | 89°45'34"NE | 5.40                  | 27              | 741,408.356894  | 1,740,250.033780 |
| 27 - 28 | 12°39'29"SW | 7.32                  | 28              | 741,406.753272  | 1,740,242.893640 |
| 28 - 29 | 12°39'29"SW | 6.12                  | 29              | 741,405.411484  | 1,740,236.919310 |
| 29 - 30 | 00°23'12"SW | 68.38                 | 30              | 741,404.949926  | 1,740,168.539740 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 30 - 31 | 03°04'10"SW | 52.42                 | 31              | 741,402.143027  | 1,740,116.198280 |
| 31 - 32 | 14°12'06"SW | 6.46                  | 32              | 741,400.558545  | 1,740,109.937270 |
| 32 - 33 | 53°02'49"SE | 103.84                | 33              | 741,483.543493  | 1,740,047.510590 |
| 33 - 34 | 65°03'51"SE | 1.34                  | 34              | 741,484.754628  | 1,740,046.947480 |
| 34 - 35 | 11°39'53"SW | 12.50                 | 35              | 741,482.227882  | 1,740,034.708560 |
| 35 - 36 | 67°33'26"SE | 36.36                 | 36              | 741,515.833982  | 1,740,020.827770 |
| 36 - 37 | 12°09'17"SW | 41.31                 | 37              | 741,507.135870  | 1,739,980.443690 |
| 37 - 38 | 12°59'26"SW | 8.65                  | 38              | 741,505.191750  | 1,739,972.016540 |
| 38 - 39 | 85°42'06"NW | 23.28                 | 39              | 741,481.979900  | 1,739,973.761100 |
| 39 - 40 | 84°37'54"NW | 26.85                 | 40              | 741,455.246700  | 1,739,976.273100 |
| 40 - 41 | 85°15'21"NW | 31.68                 | 41              | 741,423.675200  | 1,739,978.893100 |
| 41 - 42 | 83°38'08"NW | 29.16                 | 42              | 741,394.698700  | 1,739,982.125100 |
| 42 - 43 | 80°15'13"NW | 33.93                 | 43              | 741,361.263100  | 1,739,987.868100 |
| 43 - 44 | 85°47'27"SW | 29.32                 | 44              | 741,332.022200  | 1,739,985.716100 |
| 44 - 45 | 74°03'48"NW | 24.10                 | 45              | 741,308.852500  | 1,739,992.332100 |
| 45 - 46 | 79°58'11"NW | 29.80                 | 46              | 741,279.509000  | 1,739,997.522100 |
| 46 - 47 | 88°46'53"SW | 28.78                 | 47              | 741,250.735600  | 1,739,996.910100 |
| 47 - 48 | 85°08'11"NW | 22.24                 | 48              | 741,228.570900  | 1,739,998.796100 |
| 48 - 49 | 85°26'41"NW | 24.01                 | 49              | 741,204.635300  | 1,740,000.703100 |
| 49 - 50 | 79°44'57"NW | 26.54                 | 50              | 741,178.518900  | 1,740,005.426100 |
| 50 - 51 | 88°37'31"NW | 20.51                 | 51              | 741,158.016900  | 1,740,005.918100 |
| 51 - 52 | 85°05'48"NW | 19.57                 | 52              | 741,138.514800  | 1,740,007.591100 |
| 52 - 53 | 76°42'20"NW | 23.81                 | 53              | 741,115.338900  | 1,740,013.067200 |
| 53 - 54 | 87°10'46"NW | 26.38                 | 54              | 741,088.993500  | 1,740,014.365100 |
| 54 - 55 | 79°53'52"NW | 21.22                 | 55              | 741,068.103000  | 1,740,018.087100 |
| 55 - 56 | 82°52'35"NW | 32.25                 | 56              | 741,036.103500  | 1,740,022.086100 |
| 56 - 57 | 80°49'38"SW | 15.24                 | 57              | 741,021.055500  | 1,740,019.656200 |
| 57 - 58 | 86°48'13"NW | 9.79                  | 58              | 741,011.280100  | 1,740,020.202100 |
| 58 - 59 | 80°07'55"NW | 21.97                 | 59              | 740,989.636000  | 1,740,023.967100 |
| 59 - 60 | 80°14'43"NW | 23.84                 | 60              | 740,966.141000  | 1,740,028.006200 |
| 60 - 61 | 87°16'12"NW | 23.83                 | 61              | 740,942.339100  | 1,740,029.141100 |
| 61 - 62 | 77°47'00"NW | 19.45                 | 62              | 740,923.328600  | 1,740,033.257100 |
| 62 - 63 | 75°50'39"NW | 22.02                 | 63              | 740,901.973900  | 1,740,038.643100 |
| 63 - 64 | 82°26'26"NW | 28.18                 | 64              | 740,874.039700  | 1,740,042.350100 |
| 64 - 65 | 85°32'22"NW | 25.11                 | 65              | 740,849.003800  | 1,740,044.303100 |
| 65 - 66 | 88°07'32"SW | 25.29                 | 66              | 740,823.731100  | 1,740,043.476100 |
| 66 - 67 | 88°16'34"NW | 25.33                 | 67              | 740,798.409200  | 1,740,044.238200 |
| 67 - 68 | 86°18'47"SW | 24.62                 | 68              | 740,773.841100  | 1,740,042.655100 |
| 68 - 69 | 87°59'15"SW | 14.32                 | 69              | 740,759.525700  | 1,740,042.152100 |
| 69 - 70 | 73°26'42"NW | 18.39                 | 70              | 740,741.894400  | 1,740,047.393100 |
| 70 - 71 | 85°51'51"SW | 22.57                 | 71              | 740,719.379700  | 1,740,045.765100 |
| 71 - 72 | 86°38'37"NW | 21.61                 | 72              | 740,697.809000  | 1,740,047.030100 |
| 72 - 73 | 83°05'49"NW | 24.32                 | 73              | 740,673.665100  | 1,740,049.953100 |
| 73 - 74 | 88°06'24"NW | 21.73                 | 74              | 740,651.942400  | 1,740,050.671100 |
| 74 - 75 | 89°25'18"SW | 17.03                 | 75              | 740,634.911000  | 1,740,050.499200 |
| 75 - 76 | 76°23'56"NW | 18.71                 | 76              | 740,616.724800  | 1,740,054.899200 |
| 76 - 77 | 76°01'03"NW | 20.99                 | 77              | 740,596.355300  | 1,740,059.971200 |
| 77 - 78 | 79°32'24"SW | 24.98                 | 78              | 740,571.790000  | 1,740,055.436100 |
| 78 - 79 | 87°26'08"NW | 21.97                 | 79              | 740,549.840300  | 1,740,056.419100 |
| 79 - 80 | 87°35'29"SW | 22.61                 | 80              | 740,527.253300  | 1,740,055.469100 |
| 80 - 81 | 89°37'47"SW | 25.08                 | 81              | 740,502.173000  | 1,740,055.307100 |
| 81 - 82 | 88°07'22"SW | 32.60                 | 82              | 740,469.595300  | 1,740,054.239400 |
| 82 - 83 | 81°34'58"NW | 14.38                 | 83              | 740,455.365600  | 1,740,056.345000 |
| 83 - 84 | 84°26'51"NW | 34.46                 | 84              | 740,421.066100  | 1,740,059.679300 |
| 84 - 85 | 81°32'29"NW | 12.89                 | 85              | 740,408.315300  | 1,740,061.575500 |
| 85 - 86 | 85°11'44"NW | 11.54                 | 86              | 740,396.812100  | 1,740,062.542300 |
| 86 - 87 | 82°22'38"NW | 24.42                 | 87              | 740,372.603700  | 1,740,065.782100 |
| 87 - 88 | 81°19'00"NW | 4.95                  | 88              | 740,367.706500  | 1,740,066.530000 |
| 88 - 89 | 82°23'03"SW | 19.47                 | 89              | 740,348.406100  | 1,740,063.949400 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 89 - 90   | 87°48'41"NW | 24.43                 | 90              | 740,323.990800  | 1,740,064.882400 |
| 90 - 91   | 89°06'24"NW | 18.26                 | 91              | 740,305.732100  | 1,740,065.167100 |
| 91 - 92   | 85°07'06"SW | 6.17                  | 92              | 740,299.580300  | 1,740,064.641700 |
| 92 - 93   | 86°21'40"SW | 23.33                 | 93              | 740,276.301900  | 1,740,063.161300 |
| 93 - 94   | 88°24'57"SW | 8.39                  | 94              | 740,267.919200  | 1,740,062.929500 |
| 94 - 95   | 87°08'31"SW | 24.28                 | 95              | 740,243.671300  | 1,740,061.719000 |
| 95 - 96   | 87°49'36"NW | 15.25                 | 96              | 740,228.436700  | 1,740,062.297100 |
| 96 - 97   | 82°20'38"SW | 19.29                 | 97              | 740,209.316900  | 1,740,059.727000 |
| 97 - 98   | 89°05'57"SW | 20.55                 | 98              | 740,188.764700  | 1,740,059.403900 |
| 98 - 99   | 87°18'11"SW | 18.47                 | 99              | 740,170.318700  | 1,740,058.535000 |
| 99 - 100  | 80°12'06"NW | 18.76                 | 100             | 740,151.829800  | 1,740,061.728000 |
| 100 - 101 | 89°55'37"SW | 22.77                 | 101             | 740,129.062400  | 1,740,061.699000 |
| 101 - 102 | 86°56'51"SW | 25.44                 | 102             | 740,103.660300  | 1,740,060.344500 |
| 102 - 103 | 88°50'47"SW | 13.40                 | 103             | 740,090.259900  | 1,740,060.074700 |
| 103 - 104 | 87°08'19"NW | 28.88                 | 104             | 740,061.420800  | 1,740,061.516100 |
| 104 - 105 | 73°56'59"SW | 17.39                 | 105             | 740,044.708200  | 1,740,056.708000 |
| 105 - 106 | 85°50'05"SW | 11.46                 | 106             | 740,033.283100  | 1,740,055.876000 |
| 106 - 107 | 87°25'01"NW | 16.98                 | 107             | 740,016.324300  | 1,740,056.641000 |
| 107 - 108 | 81°40'54"NW | 19.63                 | 108             | 739,996.897800  | 1,740,059.481300 |
| 108 - 109 | 85°42'39"NW | 16.66                 | 109             | 739,980.288000  | 1,740,060.727000 |
| 109 - 110 | 76°49'13"NW | 16.58                 | 110             | 739,964.141800  | 1,740,064.508000 |
| 110 - 111 | 89°04'38"NW | 15.59                 | 111             | 739,948.556200  | 1,740,064.759000 |
| 111 - 112 | 89°04'53"NW | 2.06                  | 112             | 739,946.497800  | 1,740,064.792000 |
| 112 - 113 | 84°01'15"SW | 12.43                 | 113             | 739,934.134200  | 1,740,063.497100 |
| 113 - 114 | 85°41'36"SW | 13.72                 | 114             | 739,920.457600  | 1,740,062.467200 |
| 114 - 115 | 85°41'31"SW | 2.17                  | 115             | 739,918.291100  | 1,740,062.304000 |
| 115 - 116 | 85°41'45"SW | 0.78                  | 116             | 739,917.508500  | 1,740,062.245100 |
| 116 - 117 | 85°10'51"NW | 10.62                 | 117             | 739,906.928100  | 1,740,063.137100 |
| 117 - 118 | 66°03'50"NW | 7.99                  | 118             | 739,899.621600  | 1,740,066.380400 |
| 118 - 119 | 66°03'45"NW | 8.11                  | 119             | 739,892.213300  | 1,740,069.669100 |
| 119 - 120 | 82°14'38"NW | 5.85                  | 120             | 739,886.414500  | 1,740,070.458900 |
| 120 - 121 | 82°14'36"NW | 10.66                 | 121             | 739,875.848300  | 1,740,071.898100 |
| 121 - 122 | 76°31'16"SW | 8.23                  | 122             | 739,867.846200  | 1,740,069.980100 |
| 122 - 123 | 83°07'06"NW | 6.12                  | 123             | 739,861.767700  | 1,740,070.713700 |
| 123 - 124 | 83°07'15"NW | 0.78                  | 124             | 739,860.993500  | 1,740,070.807100 |
| 124 - 125 | 81°01'19"NW | 15.40                 | 125             | 739,845.786100  | 1,740,073.209700 |
| 125 - 126 | 81°01'19"NW | 32.11                 | 126             | 739,814.066400  | 1,740,078.221000 |
| 126 - 127 | 82°08'33"NW | 53.60                 | 127             | 739,760.967000  | 1,740,085.549000 |
| 127 - 128 | 83°36'09"NW | 11.57                 | 128             | 739,749.470700  | 1,740,086.838000 |
| 128 - 129 | 87°22'17"NW | 40.27                 | 129             | 739,709.239600  | 1,740,088.685000 |
| 129 - 130 | 87°21'08"NW | 14.55                 | 130             | 739,694.706900  | 1,740,089.357000 |
| 130 - 131 | 86°58'24"NW | 52.39                 | 131             | 739,642.390400  | 1,740,092.123000 |
| 131 - 132 | 87°14'37"NW | 52.53                 | 132             | 739,589.919000  | 1,740,094.649000 |
| 132 - 133 | 87°26'43"NW | 43.91                 | 133             | 739,546.056400  | 1,740,096.606000 |
| 133 - 134 | 86°30'32"NW | 28.79                 | 134             | 739,517.321000  | 1,740,098.359000 |
| 134 - 135 | 85°48'05"NW | 52.14                 | 135             | 739,465.325900  | 1,740,102.176000 |
| 135 - 136 | 85°14'16"NW | 54.01                 | 136             | 739,411.500600  | 1,740,106.660000 |
| 136 - 137 | 86°00'31"NW | 48.26                 | 137             | 739,363.359000  | 1,740,110.019000 |
| 137 - 138 | 84°57'47"NW | 23.38                 | 138             | 739,340.065300  | 1,740,112.072000 |
| 138 - 139 | 71°46'59"NW | 53.06                 | 139             | 739,289.665100  | 1,740,128.659000 |
| 139 - 140 | 71°28'07"NW | 52.01                 | 140             | 739,240.354400  | 1,740,145.188000 |
| 140 - 141 | 71°47'47"NW | 43.07                 | 141             | 739,199.442300  | 1,740,158.642000 |
| 141 - 142 | 71°28'59"NW | 24.43                 | 142             | 739,176.278700  | 1,740,166.400000 |
| 142 - 143 | 71°59'48"NW | 52.13                 | 143             | 739,126.697300  | 1,740,182.513000 |
| 143 - 144 | 72°26'30"NW | 19.06                 | 144             | 739,108.528800  | 1,740,188.261800 |
| 144 - 145 | 72°26'31"NW | 22.35                 | 145             | 739,087.223200  | 1,740,195.003100 |
| 145 - 146 | 72°12'16"NW | 22.35                 | 146             | 739,065.945800  | 1,740,201.832700 |
| 146 - 147 | 71°59'24"NW | 22.35                 | 147             | 739,044.694000  | 1,740,208.741900 |
| 147 - 148 | 73°17'41"NW | 9.99                  | 148             | 739,035.124900  | 1,740,211.613700 |

| Est-PV                                                                                                                                                                | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------|-----------------|------------------|
|                                                                                                                                                                       |             |                       |                 | X               | Y                |
| 148 - 149                                                                                                                                                             | 73°17'38"NW | 12.34                 | 149             | 739,023.307700  | 1,740,215.160400 |
| 149 - 150                                                                                                                                                             | 77°21'44"NW | 22.35                 | 150             | 739,001.502400  | 1,740,220.049500 |
| 150 - 151                                                                                                                                                             | 77°21'45"NW | 15.54                 | 151             | 738,986.339400  | 1,740,223.449200 |
| 151 - 152                                                                                                                                                             | 77°21'42"NW | 6.81                  | 152             | 738,979.697000  | 1,740,224.938600 |
| 152 - 153                                                                                                                                                             | 77°14'17"NW | 13.04                 | 153             | 738,966.976500  | 1,740,227.819700 |
| 153 - 154                                                                                                                                                             | 77°14'15"NW | 9.30                  | 154             | 738,957.902400  | 1,740,229.875000 |
| 154 - 155                                                                                                                                                             | 77°12'36"NW | 22.35                 | 155             | 738,936.110100  | 1,740,234.822000 |
| 155 - 156                                                                                                                                                             | 77°21'07"NW | 22.35                 | 156             | 738,914.305700  | 1,740,239.715000 |
| 156 - 157                                                                                                                                                             | 77°32'08"NW | 19.36                 | 157             | 738,895.403700  | 1,740,243.893100 |
| 157 - 158                                                                                                                                                             | 77°32'09"NW | 2.99                  | 158             | 738,892.485600  | 1,740,244.538100 |
| 158 - 159                                                                                                                                                             | 77°32'08"NW | 22.35                 | 159             | 738,870.665600  | 1,740,249.361200 |
| 159 - 160                                                                                                                                                             | 77°40'09"NW | 22.35                 | 160             | 738,848.834400  | 1,740,254.133400 |
| 160 - 161                                                                                                                                                             | 77°39'42"NW | 22.35                 | 161             | 738,827.003800  | 1,740,258.908500 |
| 161 - 162                                                                                                                                                             | 77°30'55"NW | 22.35                 | 162             | 738,805.185500  | 1,740,263.739300 |
| 162 - 163                                                                                                                                                             | 78°57'52"NW | 22.32                 | 163             | 738,783.278100  | 1,740,268.011700 |
| 163 - 164                                                                                                                                                             | 84°21'07"NW | 22.35                 | 164             | 738,761.039800  | 1,740,270.211000 |
| 164 - 165                                                                                                                                                             | 84°21'06"NW | 11.54                 | 165             | 738,749.555600  | 1,740,271.346800 |
| 165 - 166                                                                                                                                                             | 84°21'53"NW | 15.29                 | 166             | 738,734.339900  | 1,740,272.848100 |
| 166 - 167                                                                                                                                                             | 84°23'49"NW | 17.86                 | 167             | 738,716.561600  | 1,740,274.592200 |
| 167 - 168                                                                                                                                                             | 83°48'21"NW | 44.68                 | 168             | 738,672.139100  | 1,740,279.413400 |
| 168 - 169                                                                                                                                                             | 81°23'22"NW | 22.35                 | 169             | 738,650.044200  | 1,740,282.759100 |
| 169 - 170                                                                                                                                                             | 81°23'22"NW | 22.35                 | 170             | 738,627.949300  | 1,740,286.104700 |
| 170 - 171                                                                                                                                                             | 89°49'01"SW | 22.33                 | 171             | 738,605.614500  | 1,740,286.033400 |
| 171 - 172                                                                                                                                                             | 85°24'22"NW | 12.22                 | 172             | 738,593.438400  | 1,740,287.011700 |
| 172 - 173                                                                                                                                                             | 84°29'07"NW | 14.05                 | 173             | 738,579.454700  | 1,740,288.361800 |
| 173 - 174                                                                                                                                                             | 84°29'07"NW | 18.40                 | 174             | 738,561.135900  | 1,740,290.130400 |
| 174 - 175                                                                                                                                                             | 84°07'05"NW | 22.35                 | 175             | 738,538.906800  | 1,740,292.420400 |
| 175 - 176                                                                                                                                                             | 84°09'35"NW | 22.35                 | 176             | 738,516.676100  | 1,740,294.694300 |
| 176 - 177                                                                                                                                                             | 34°13'03"SW | 62.92                 | 177             | 738,481.292900  | 1,740,242.664000 |
| 177 - 178                                                                                                                                                             | 27°24'35"SW | 53.41                 | 178             | 738,456.706820  | 1,740,195.252380 |
| A partir de este vértice 178 se continúa por la línea de costa, con un rumbo general Noroeste y una distancia aproximada de 202.08 metros hasta llegar al vértice 179 |             |                       |                 |                 |                  |
|                                                                                                                                                                       |             |                       | 179             | 738,255.657676  | 1,740,215.597960 |
| 179 - 180                                                                                                                                                             | 49°14'27"NW | 36.04                 | 180             | 738,228.359602  | 1,740,239.127060 |
| 180 - 181                                                                                                                                                             | 21°31'15"NW | 15.07                 | 181             | 738,222.831703  | 1,740,253.145330 |
| 181 - 182                                                                                                                                                             | 21°31'15"NW | 4.93                  | 182             | 738,221.022600  | 1,740,257.733060 |
| 182 - 183                                                                                                                                                             | 68°28'44"NE | 3.78                  | 183             | 738,224.542566  | 1,740,259.121100 |
| 183 - 1                                                                                                                                                               | 68°28'41"NE | 24.86                 | 1               |                 |                  |

### Zona de Amortiguamiento

#### “Campamento Escobilla”

(Superficie 1-63-47.07 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 742,025.526596  | 1,739,901.353200 |
| 1 - 2   | 82°26'04"SE | 116.16                | 2               | 742,140.678771  | 1,739,886.059580 |
| 2 - 3   | 79°01'18"SE | 108.94                | 3               | 742,247.625785  | 1,739,865.313160 |
| 3 - 4   | 79°01'18"SE | 26.25                 | 4               | 742,273.390837  | 1,739,860.315130 |
| 4 - 5   | 79°01'18"SE | 52.09                 | 5               | 742,324.527098  | 1,739,850.395550 |
| 5 - 6   | 75°49'32"SE | 20.00                 | 6               | 742,343.918430  | 1,739,845.498070 |
| 6 - 7   | 86°41'32"SE | 8.35                  | 7               | 742,352.259159  | 1,739,845.016050 |
| 7 - 8   | 79°01'20"SE | 171.63                | 8               | 742,520.745870  | 1,739,812.333490 |
| 8 - 9   | 79°01'21"SE | 22.73                 | 9               | 742,543.063705  | 1,739,808.004440 |
| 9 - 10  | 79°01'22"SE | 340.67                | 10              | 742,877.496666  | 1,739,743.136800 |
| 10 - 11 | 79°01'24"SE | 166.59                | 11              | 743,041.043633  | 1,739,711.415630 |
| 11 - 12 | 79°01'25"SE | 29.74                 | 12              | 743,070.243262  | 1,739,705.752380 |
| 12 - 13 | 71°10'39"SE | 24.22                 | 13              | 743,093.163857  | 1,739,697.939570 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 13 - 14 | 55°22'13"SW | 1.08                  | 14              | 743,092.273100  | 1,739,697.324400 |
| 14 - 15 | 55°51'08"SW | 15.83                 | 15              | 743,079.171600  | 1,739,688.438100 |
| 15 - 16 | 73°49'58"NW | 36.80                 | 16              | 743,043.826800  | 1,739,698.684700 |
| 16 - 17 | 73°50'02"NW | 1.85                  | 17              | 743,042.049200  | 1,739,699.200000 |
| 17 - 18 | 85°48'06"NW | 26.49                 | 18              | 743,015.631600  | 1,739,701.139100 |
| 18 - 19 | 81°20'38"NW | 38.86                 | 19              | 742,977.217700  | 1,739,706.987100 |
| 19 - 20 | 82°20'13"NW | 47.55                 | 20              | 742,930.089600  | 1,739,713.328100 |
| 20 - 21 | 82°43'11"NW | 37.00                 | 21              | 742,893.385800  | 1,739,718.017100 |
| 21 - 22 | 78°17'19"NW | 35.43                 | 22              | 742,858.695900  | 1,739,725.208100 |
| 22 - 23 | 74°30'52"NW | 33.90                 | 23              | 742,826.023000  | 1,739,734.260100 |
| 23 - 24 | 79°08'54"NW | 38.15                 | 24              | 742,788.552000  | 1,739,741.443100 |
| 24 - 25 | 79°22'16"NW | 34.08                 | 25              | 742,755.061300  | 1,739,747.728100 |
| 25 - 26 | 77°04'01"NW | 11.86                 | 26              | 742,743.505100  | 1,739,750.381800 |
| 26 - 27 | 77°04'01"NW | 34.23                 | 27              | 742,710.146200  | 1,739,758.042100 |
| 27 - 28 | 76°36'10"NW | 37.24                 | 28              | 742,673.916800  | 1,739,766.671200 |
| 28 - 29 | 74°53'25"NW | 29.19                 | 29              | 742,645.735500  | 1,739,774.280100 |
| 29 - 30 | 76°41'17"NW | 15.75                 | 30              | 742,630.408700  | 1,739,777.906500 |
| 30 - 31 | 76°41'16"NW | 18.27                 | 31              | 742,612.625500  | 1,739,782.114200 |
| 31 - 32 | 88°36'18"SW | 19.64                 | 32              | 742,592.990700  | 1,739,781.636100 |
| 32 - 33 | 82°23'28"NW | 26.46                 | 33              | 742,566.759600  | 1,739,785.140100 |
| 33 - 34 | 79°20'29"NW | 30.22                 | 34              | 742,537.057300  | 1,739,790.730100 |
| 34 - 35 | 80°58'19"NW | 24.45                 | 35              | 742,512.907500  | 1,739,794.567100 |
| 35 - 36 | 72°37'17"NW | 23.19                 | 36              | 742,490.777300  | 1,739,801.493100 |
| 36 - 37 | 71°49'10"NW | 27.21                 | 37              | 742,464.922000  | 1,739,809.984100 |
| 37 - 38 | 75°01'41"NW | 27.51                 | 38              | 742,438.346200  | 1,739,817.091100 |
| 38 - 39 | 81°49'58"NW | 24.11                 | 39              | 742,414.481000  | 1,739,820.516100 |
| 39 - 40 | 79°34'59"NW | 33.07                 | 40              | 742,381.952100  | 1,739,826.496100 |
| 40 - 41 | 79°35'26"NW | 36.15                 | 41              | 742,346.400200  | 1,739,833.027100 |
| 41 - 42 | 76°53'01"NW | 39.15                 | 42              | 742,308.272300  | 1,739,841.911100 |
| 42 - 43 | 78°45'18"SW | 17.66                 | 43              | 742,290.955100  | 1,739,838.468100 |
| 43 - 44 | 71°19'38"NW | 20.41                 | 44              | 742,271.623800  | 1,739,845.001100 |
| 44 - 45 | 71°56'07"NW | 46.01                 | 45              | 742,227.878900  | 1,739,859.269100 |
| 45 - 46 | 82°16'39"NW | 40.92                 | 46              | 742,187.334100  | 1,739,864.767100 |
| 46 - 47 | 79°10'29"NW | 41.13                 | 47              | 742,146.933700  | 1,739,872.492200 |
| 47 - 48 | 77°19'01"NW | 38.82                 | 48              | 742,109.057400  | 1,739,881.016100 |
| 48 - 49 | 86°22'10"NW | 28.02                 | 49              | 742,081.096500  | 1,739,882.790100 |
| 49 - 50 | 89°29'24"SW | 55.63                 | 50              | 742,025.471300  | 1,739,882.295100 |
| 50 - 1  | 00°09'58"NE | 19.06                 | 1               |                 |                  |

## Zona de Amortiguamiento

## “Escobilla”

(Superficie 10-30-78.79 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 743,197.164456  | 1,739,693.496700 |
| 1 - 2   | 78°51'55"SE | 310.28                | 2               | 743,501.602149  | 1,739,633.578160 |
| 2 - 3   | 76°56'16"SE | 250.82                | 3               | 743,745.928990  | 1,739,576.891980 |
| 3 - 4   | 29°40'59"SW | 25.51                 | 4               | 743,733.294986  | 1,739,554.727070 |
| 4 - 5   | 29°40'59"SW | 5.24                  | 5               | 743,730.699403  | 1,739,550.173410 |
| 5 - 6   | 29°40'59"SW | 1.60                  | 6               | 743,729.906195  | 1,739,548.781820 |
| 6 - 7   | 29°40'59"SW | 13.61                 | 7               | 743,723.167430  | 1,739,536.959420 |
| 7 - 8   | 77°47'58"SE | 148.56                | 8               | 743,868.367697  | 1,739,505.564770 |
| 8 - 9   | 26°33'54"NE | 16.52                 | 9               | 743,875.754852  | 1,739,520.339080 |
| 9 - 10  | 26°33'54"NE | 26.34                 | 10              | 743,887.535382  | 1,739,543.900140 |
| 10 - 11 | 76°13'03"SE | 508.68                | 11              | 744,381.569489  | 1,739,422.715180 |
| 11 - 12 | 77°50'16"SE | 576.97                | 12              | 744,945.593590  | 1,739,301.160220 |
| 12 - 13 | 79°48'45"SE | 460.04                | 13              | 745,398.384905  | 1,739,219.793260 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 13 - 14 | 14°25'34"SW | 54.48                 | 14              | 745,384.811881  | 1,739,167.030520 |
| 14 - 15 | 85°23'24"NW | 20.64                 | 15              | 745,364.240900  | 1,739,168.689200 |
| 15 - 16 | 81°50'14"NW | 33.85                 | 16              | 745,330.735200  | 1,739,173.495100 |
| 16 - 17 | 79°36'22"NW | 31.87                 | 17              | 745,299.392400  | 1,739,179.244100 |
| 17 - 18 | 81°48'45"NW | 15.68                 | 18              | 745,283.868100  | 1,739,181.477700 |
| 18 - 19 | 81°48'46"NW | 15.32                 | 19              | 745,268.705800  | 1,739,183.659100 |
| 19 - 20 | 77°35'28"NW | 33.57                 | 20              | 745,235.918800  | 1,739,190.873100 |
| 20 - 21 | 85°59'19"NW | 24.26                 | 21              | 745,211.718600  | 1,739,192.570100 |
| 21 - 22 | 78°00'30"NW | 23.81                 | 22              | 745,188.427800  | 1,739,197.517100 |
| 22 - 23 | 77°08'13"NW | 34.21                 | 23              | 745,155.075200  | 1,739,205.133100 |
| 23 - 24 | 76°25'33"NW | 34.75                 | 24              | 745,121.295000  | 1,739,213.289100 |
| 24 - 25 | 77°34'53"NW | 33.42                 | 25              | 745,088.661700  | 1,739,220.475100 |
| 25 - 26 | 77°14'59"NW | 36.19                 | 26              | 745,053.363800  | 1,739,228.462200 |
| 26 - 27 | 76°41'36"NW | 34.84                 | 27              | 745,019.458700  | 1,739,236.481100 |
| 27 - 28 | 76°50'17"NW | 30.26                 | 28              | 744,989.990700  | 1,739,243.372100 |
| 28 - 29 | 79°35'56"NW | 31.35                 | 29              | 744,959.155000  | 1,739,249.032100 |
| 29 - 30 | 80°24'01"NW | 38.29                 | 30              | 744,921.397300  | 1,739,255.418100 |
| 30 - 31 | 77°26'33"NW | 38.66                 | 31              | 744,883.663200  | 1,739,263.823100 |
| 31 - 32 | 79°45'43"NW | 34.78                 | 32              | 744,849.434700  | 1,739,270.005100 |
| 32 - 33 | 75°20'01"NW | 26.30                 | 33              | 744,823.987000  | 1,739,276.665100 |
| 33 - 34 | 76°08'11"NW | 32.68                 | 34              | 744,792.260500  | 1,739,284.495100 |
| 34 - 35 | 74°15'09"NW | 27.23                 | 35              | 744,766.049200  | 1,739,291.886100 |
| 35 - 36 | 74°00'47"NW | 32.80                 | 36              | 744,734.520000  | 1,739,300.919100 |
| 36 - 37 | 79°53'58"NW | 21.53                 | 37              | 744,713.328100  | 1,739,304.694100 |
| 37 - 38 | 73°34'36"NW | 30.73                 | 38              | 744,683.856000  | 1,739,313.381100 |
| 38 - 39 | 88°15'53"NW | 22.09                 | 39              | 744,661.771600  | 1,739,314.050100 |
| 39 - 40 | 75°40'59"NW | 27.01                 | 40              | 744,635.604700  | 1,739,320.728100 |
| 40 - 41 | 76°59'23"NW | 18.83                 | 41              | 744,617.260000  | 1,739,324.966700 |
| 41 - 42 | 76°59'23"NW | 16.04                 | 42              | 744,601.634100  | 1,739,328.577100 |
| 42 - 43 | 76°09'47"NW | 32.18                 | 43              | 744,570.384000  | 1,739,336.274100 |
| 43 - 44 | 81°25'25"NW | 32.95                 | 44              | 744,537.799900  | 1,739,341.188200 |
| 44 - 45 | 75°39'35"NW | 9.91                  | 45              | 744,528.202600  | 1,739,343.641700 |
| 45 - 46 | 75°39'34"NW | 23.37                 | 46              | 744,505.556800  | 1,739,349.431100 |
| 46 - 47 | 80°04'01"NW | 37.06                 | 47              | 744,469.055200  | 1,739,355.823200 |
| 47 - 48 | 75°55'34"NW | 30.60                 | 48              | 744,439.370500  | 1,739,363.265100 |
| 48 - 49 | 76°19'40"NW | 33.21                 | 49              | 744,407.100100  | 1,739,371.115100 |
| 49 - 50 | 80°15'37"NW | 33.14                 | 50              | 744,374.433500  | 1,739,376.722100 |
| 50 - 51 | 76°32'06"NW | 38.07                 | 51              | 744,337.412400  | 1,739,385.586100 |
| 51 - 52 | 78°28'16"NW | 21.13                 | 52              | 744,316.709000  | 1,739,389.809100 |
| 52 - 53 | 73°19'26"NW | 32.79                 | 53              | 744,285.302500  | 1,739,399.217100 |
| 53 - 54 | 77°36'51"NW | 34.65                 | 54              | 744,251.459200  | 1,739,406.649100 |
| 54 - 55 | 74°21'47"NW | 33.02                 | 55              | 744,219.661700  | 1,739,415.549100 |
| 55 - 56 | 81°32'27"NW | 26.87                 | 56              | 744,193.081300  | 1,739,419.502100 |
| 56 - 57 | 66°37'58"NW | 26.87                 | 57              | 744,168.413300  | 1,739,430.160100 |
| 57 - 58 | 81°11'33"NW | 21.84                 | 58              | 744,146.830400  | 1,739,433.504100 |
| 58 - 59 | 77°54'18"NW | 29.97                 | 59              | 744,117.528700  | 1,739,439.783100 |
| 59 - 60 | 81°56'23"NW | 27.85                 | 60              | 744,089.952100  | 1,739,443.688200 |
| 60 - 61 | 74°47'11"NW | 26.39                 | 61              | 744,064.488100  | 1,739,450.613100 |
| 61 - 62 | 68°32'26"NW | 29.46                 | 62              | 744,037.074500  | 1,739,461.389100 |
| 62 - 63 | 76°15'05"NW | 32.47                 | 63              | 744,005.533800  | 1,739,469.106100 |
| 63 - 64 | 78°54'30"NW | 30.18                 | 64              | 743,975.916900  | 1,739,474.912100 |
| 64 - 65 | 80°23'16"NW | 31.42                 | 65              | 743,944.940000  | 1,739,480.158100 |
| 65 - 66 | 78°26'41"NW | 30.43                 | 66              | 743,915.124300  | 1,739,486.254100 |
| 66 - 67 | 79°14'26"NW | 39.70                 | 67              | 743,876.118500  | 1,739,493.666100 |
| 67 - 68 | 77°41'43"NW | 37.63                 | 68              | 743,839.349200  | 1,739,501.686100 |
| 68 - 69 | 84°55'43"NW | 21.80                 | 69              | 743,817.634600  | 1,739,503.613100 |
| 69 - 70 | 73°01'15"NW | 36.19                 | 70              | 743,783.023100  | 1,739,514.181100 |
| 70 - 71 | 73°48'29"NW | 44.95                 | 71              | 743,739.854200  | 1,739,526.716200 |
| 71 - 72 | 80°05'46"NW | 28.09                 | 72              | 743,712.179200  | 1,739,531.548100 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 72 - 73 | 74°30'57"NW | 25.08                 | 73              | 743,688.011800  | 1,739,538.243100 |
| 73 - 74 | 74°30'56"NW | 6.72                  | 74              | 743,681.539600  | 1,739,540.036100 |
| 74 - 75 | 79°02'30"NW | 30.98                 | 75              | 743,651.124700  | 1,739,545.925100 |
| 75 - 76 | 70°57'37"NW | 29.14                 | 76              | 743,623.575900  | 1,739,555.432200 |
| 76 - 77 | 77°35'16"NW | 36.83                 | 77              | 743,587.608800  | 1,739,563.348100 |
| 77 - 78 | 75°58'55"NW | 35.41                 | 78              | 743,553.257500  | 1,739,571.924200 |
| 78 - 79 | 81°06'35"NW | 30.48                 | 79              | 743,523.146800  | 1,739,576.634100 |
| 79 - 80 | 78°56'03"NW | 23.60                 | 80              | 743,499.988600  | 1,739,581.163200 |
| 80 - 81 | 72°02'13"NW | 7.72                  | 81              | 743,492.641700  | 1,739,583.545100 |
| 81 - 82 | 72°02'12"NW | 20.50                 | 82              | 743,473.145100  | 1,739,589.866100 |
| 82 - 83 | 77°25'28"NW | 32.90                 | 83              | 743,441.034500  | 1,739,597.029200 |
| 83 - 84 | 82°34'49"NW | 31.97                 | 84              | 743,409.335400  | 1,739,601.157200 |
| 84 - 85 | 74°03'24"NW | 31.58                 | 85              | 743,378.968800  | 1,739,609.832100 |
| 85 - 86 | 74°11'55"NW | 34.04                 | 86              | 743,346.218900  | 1,739,619.100100 |
| 86 - 87 | 74°25'37"NW | 31.00                 | 87              | 743,316.354900  | 1,739,627.423100 |
| 87 - 88 | 72°29'47"NW | 14.18                 | 88              | 743,302.828000  | 1,739,631.689000 |
| 88 - 89 | 72°29'49"NW | 18.13                 | 89              | 743,285.536000  | 1,739,637.142100 |
| 89 - 90 | 77°22'23"NW | 7.68                  | 90              | 743,278.043800  | 1,739,638.820500 |
| 90 - 91 | 77°22'23"NW | 26.03                 | 91              | 743,252.641500  | 1,739,644.511100 |
| 91 - 92 | 75°49'33"NW | 35.49                 | 92              | 743,218.233300  | 1,739,653.201100 |
| 92 - 93 | 56°36'34"NW | 15.78                 | 93              | 743,205.057100  | 1,739,661.886000 |
| 93 - 94 | 73°40'17"NW | 6.99                  | 94              | 743,198.350100  | 1,739,663.850900 |
| 94 - 95 | 59°14'32"NW | 0.93                  | 95              | 743,197.548581  | 1,739,664.327900 |
| 95 - 1  | 00°45'16"NW | 29.17                 | 1               |                 |                  |

## Zona de Amortiguamiento

## “Laguna Verde 1”

(Superficie 16-13-75.61 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 745,729.695431  | 1,739,191.121900 |
| 1 - 2   | 72°04'17"SE | 124.19                | 2               | 745,847.853320  | 1,739,152.893340 |
| 2 - 3   | 79°42'07"SE | 425.13                | 3               | 746,266.133396  | 1,739,076.895480 |
| 3 - 4   | 87°57'13"NE | 61.18                 | 4               | 746,327.275353  | 1,739,079.079900 |
| 4 - 5   | 33°07'54"SE | 54.06                 | 5               | 746,356.821369  | 1,739,033.811560 |
| 5 - 6   | 27°19'51"SE | 23.81                 | 6               | 746,367.755475  | 1,739,012.655280 |
| 6 - 7   | 75°27'30"SE | 87.13                 | 7               | 746,452.096635  | 1,738,990.777780 |
| 7 - 8   | 64°10'05"NE | 32.11                 | 8               | 746,480.998264  | 1,739,004.769150 |
| 8 - 9   | 89°09'49"SE | 59.65                 | 9               | 746,540.644585  | 1,739,003.898540 |
| 9 - 10  | 77°14'09"NE | 24.81                 | 10              | 746,564.838957  | 1,739,009.379350 |
| 10 - 11 | 83°42'03"NE | 32.01                 | 11              | 746,596.658024  | 1,739,012.891650 |
| 11 - 12 | 51°45'45"SE | 30.27                 | 12              | 746,620.436403  | 1,738,994.154740 |
| 12 - 13 | 67°03'07"SE | 28.50                 | 13              | 746,646.680394  | 1,738,983.042990 |
| 13 - 14 | 63°05'21"SE | 43.83                 | 14              | 746,685.762370  | 1,738,963.206340 |
| 14 - 15 | 64°35'22"SE | 41.83                 | 15              | 746,723.549591  | 1,738,945.255210 |
| 15 - 16 | 48°40'18"SE | 79.79                 | 16              | 746,783.463287  | 1,738,892.567430 |
| 16 - 17 | 88°59'51"SE | 53.54                 | 17              | 746,836.994115  | 1,738,891.630920 |
| 17 - 18 | 72°17'45"SE | 48.32                 | 18              | 746,883.029089  | 1,738,876.935810 |
| 18 - 19 | 49°44'46"SE | 62.69                 | 19              | 746,930.874655  | 1,738,836.426040 |
| 19 - 20 | 73°40'31"SE | 119.89                | 20              | 747,045.929579  | 1,738,802.727730 |
| 20 - 21 | 63°47'45"SE | 49.64                 | 21              | 747,090.463589  | 1,738,780.810270 |
| 21 - 22 | 64°08'48"SE | 0.01                  | 22              | 747,090.469615  | 1,738,780.807350 |
| 22 - 23 | 04°24'43"SE | 0.04                  | 23              | 747,090.473044  | 1,738,780.762910 |
| 23 - 24 | 04°21'20"SE | 0.01                  | 24              | 747,090.473939  | 1,738,780.751160 |
| 24 - 25 | 04°24'05"SE | 0.04                  | 25              | 747,090.477332  | 1,738,780.707080 |
| 25 - 26 | 04°23'59"SE | 0.01                  | 26              | 747,090.478460  | 1,738,780.692420 |
| 26 - 27 | 04°24'01"SE | 0.06                  | 27              | 747,090.483419  | 1,738,780.627980 |



| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 27 - 28 | 04°23'59"SE | 0.02                  | 28              | 747,090.485298  | 1,738,780.603560 |
| 28 - 29 | 04°24'02"SE | 0.13                  | 29              | 747,090.495392  | 1,738,780.472400 |
| 29 - 30 | 04°24'17"SE | 0.00                  | 30              | 747,090.495724  | 1,738,780.468090 |
| 30 - 31 | 04°24'02"SE | 0.11                  | 31              | 747,090.503986  | 1,738,780.360730 |
| 31 - 32 | 04°23'57"SE | 0.02                  | 32              | 747,090.505844  | 1,738,780.336580 |
| 32 - 33 | 04°24'00"SE | 0.85                  | 33              | 747,090.571065  | 1,738,779.488960 |
| 33 - 34 | 04°23'59"SE | 0.26                  | 34              | 747,090.590813  | 1,738,779.232310 |
| 34 - 35 | 04°24'00"SE | 0.53                  | 35              | 747,090.631123  | 1,738,778.708440 |
| 35 - 36 | 04°23'59"SE | 17.60                 | 36              | 747,091.981397  | 1,738,761.160000 |
| 36 - 37 | 04°23'58"SE | 0.08                  | 37              | 747,091.987312  | 1,738,761.083120 |
| 37 - 38 | 04°24'00"SE | 0.07                  | 38              | 747,091.992630  | 1,738,761.014010 |
| 38 - 39 | 04°23'59"SE | 0.01                  | 39              | 747,091.993274  | 1,738,761.005640 |
| 39 - 40 | 04°24'00"SE | 0.18                  | 40              | 747,092.007172  | 1,738,760.825020 |
| 40 - 41 | 04°23'58"SE | 0.11                  | 41              | 747,092.015702  | 1,738,760.714150 |
| 41 - 42 | 04°24'01"SE | 0.09                  | 42              | 747,092.022637  | 1,738,760.624030 |
| 42 - 43 | 04°23'59"SE | 0.22                  | 43              | 747,092.039238  | 1,738,760.408270 |
| 43 - 44 | 04°24'01"SE | 0.08                  | 44              | 747,092.045479  | 1,738,760.327170 |
| 44 - 45 | 04°23'58"SE | 0.11                  | 45              | 747,092.054034  | 1,738,760.215980 |
| 45 - 46 | 04°25'13"SE | 0.00                  | 46              | 747,092.054252  | 1,738,760.213160 |
| 46 - 47 | 04°22'54"SE | 0.05                  | 47              | 747,092.057888  | 1,738,760.165710 |
| 47 - 48 | 04°22'41"SE | 0.10                  | 48              | 747,092.065185  | 1,738,760.070400 |
| 48 - 49 | 04°27'25"SE | 0.03                  | 49              | 747,092.067663  | 1,738,760.038610 |
| 49 - 50 | 04°25'00"SE | 0.06                  | 50              | 747,092.072605  | 1,738,759.974630 |
| 50 - 51 | 04°05'27"SE | 0.02                  | 51              | 747,092.073921  | 1,738,759.956230 |
| 51 - 52 | 04°25'51"SE | 0.06                  | 52              | 747,092.078523  | 1,738,759.896840 |
| 52 - 54 | 04°17'11"SE | 0.04                  | 54              | 747,092.081246  | 1,738,759.860510 |
| 54 - 55 | 04°30'18"SE | 0.06                  | 55              | 747,092.085585  | 1,738,759.805440 |
| 55 - 56 | 04°20'31"SE | 0.02                  | 56              | 747,092.087203  | 1,738,759.784130 |
| 56 - 57 | 04°18'40"SE | 0.06                  | 57              | 747,092.092088  | 1,738,759.719330 |
| 57 - 58 | 04°46'11"SE | 0.02                  | 58              | 747,092.094104  | 1,738,759.695170 |
| 58 - 59 | 05°02'47"SE | 0.15                  | 59              | 747,092.106889  | 1,738,759.550390 |
| 59 - 60 | 72°36'34"SE | 0.01                  | 60              | 747,092.117202  | 1,738,759.547160 |
| 60 - 61 | 72°36'20"SE | 0.14                  | 61              | 747,092.250473  | 1,738,759.505410 |
| 61 - 62 | 72°36'22"SE | 0.06                  | 62              | 747,092.312434  | 1,738,759.486000 |
| 62 - 63 | 72°36'22"SE | 0.61                  | 63              | 747,092.893989  | 1,738,759.303820 |
| 63 - 64 | 72°36'15"SE | 1.46                  | 64              | 747,094.285122  | 1,738,758.867980 |
| 64 - 65 | 72°36'23"SE | 2.91                  | 65              | 747,097.062561  | 1,738,757.997930 |
| 65 - 66 | 72°36'13"SE | 34.16                 | 66              | 747,129.662696  | 1,738,747.784000 |
| 66 - 67 | 72°36'17"SE | 5.88                  | 67              | 747,135.274407  | 1,738,746.025920 |
| 67 - 68 | 72°36'22"SE | 12.51                 | 68              | 747,147.209017  | 1,738,742.287250 |
| 68 - 69 | 72°36'24"SE | 70.09                 | 69              | 747,214.094051  | 1,738,721.335300 |
| 69 - 70 | 72°36'24"SE | 5.43                  | 70              | 747,219.277357  | 1,738,719.711620 |
| 70 - 71 | 72°36'21"SE | 5.37                  | 71              | 747,224.401466  | 1,738,718.106410 |
| 71 - 72 | 72°36'21"SE | 9.63                  | 72              | 747,233.591279  | 1,738,715.227540 |
| 72 - 73 | 72°36'21"SE | 75.20                 | 73              | 747,305.356435  | 1,738,692.745900 |
| 73 - 74 | 72°36'21"SE | 64.34                 | 74              | 747,366.754735  | 1,738,673.511850 |
| 74 - 75 | 61°27'37"SE | 1.86                  | 75              | 747,368.390545  | 1,738,672.622210 |
| 75 - 76 | 61°27'37"SE | 54.68                 | 76              | 747,416.429536  | 1,738,646.496160 |
| 76 - 77 | 61°27'37"SE | 83.10                 | 77              | 747,489.431923  | 1,738,606.793750 |
| 77 - 78 | 61°27'37"SE | 0.91                  | 78              | 747,490.228336  | 1,738,606.360620 |
| 78 - 79 | 61°27'37"SE | 58.79                 | 79              | 747,541.871851  | 1,738,578.274250 |
| 79 - 80 | 61°27'37"SE | 41.82                 | 80              | 747,578.613136  | 1,738,558.292470 |
| 80 - 81 | 61°27'37"SE | 54.44                 | 81              | 747,626.437577  | 1,738,532.283110 |
| 81 - 82 | 61°27'37"SE | 23.47                 | 82              | 747,647.058154  | 1,738,521.068590 |
| 82 - 83 | 61°27'37"SE | 19.21                 | 83              | 747,663.932516  | 1,738,511.891450 |
| 83 - 84 | 61°27'37"SE | 19.49                 | 84              | 747,681.055644  | 1,738,502.579030 |
| 84 - 85 | 61°27'37"SE | 94.23                 | 85              | 747,763.831891  | 1,738,457.561080 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 85 - 86   | 65°41'12"SE | 0.00                  | 86              | 747,763.834702  | 1,738,457.559810 |
| 86 - 87   | 69°57'14"SE | 12.15                 | 87              | 747,775.247367  | 1,738,453.395590 |
| 87 - 88   | 69°57'14"SE | 18.49                 | 88              | 747,792.621529  | 1,738,447.056140 |
| 88 - 89   | 69°57'14"SE | 91.69                 | 89              | 747,878.752538  | 1,738,415.628840 |
| 89 - 90   | 69°57'14"SE | 94.33                 | 90              | 747,967.366410  | 1,738,383.295590 |
| 90 - 91   | 69°57'14"SE | 57.08                 | 91              | 748,020.992774  | 1,738,363.728510 |
| 91 - 92   | 69°57'19"SE | 75.67                 | 92              | 748,092.075826  | 1,738,337.793750 |
| 92 - 93   | 75°39'20"SE | 31.78                 | 93              | 748,122.867198  | 1,738,329.919730 |
| 93 - 94   | 68°59'18"SE | 0.02                  | 94              | 748,122.887063  | 1,738,329.912100 |
| 94 - 95   | 75°39'22"SE | 11.80                 | 95              | 748,134.320125  | 1,738,326.988570 |
| 95 - 96   | 75°39'22"SE | 36.40                 | 96              | 748,169.583167  | 1,738,317.971510 |
| 96 - 97   | 75°39'22"SE | 14.40                 | 97              | 748,183.532556  | 1,738,314.404530 |
| 97 - 98   | 75°39'22"SE | 18.34                 | 98              | 748,201.303910  | 1,738,309.860240 |
| 98 - 99   | 77°54'12"SE | 0.04                  | 99              | 748,201.345344  | 1,738,309.851360 |
| 99 - 100  | 75°39'19"SE | 69.03                 | 100             | 748,268.219985  | 1,738,292.749720 |
| 100 - 101 | 75°39'22"SE | 67.40                 | 101             | 748,333.519314  | 1,738,276.052080 |
| 101 - 102 | 75°39'22"SE | 9.09                  | 102             | 748,342.321269  | 1,738,273.801330 |
| 102 - 103 | 75°39'22"SE | 50.45                 | 103             | 748,391.198619  | 1,738,261.302940 |
| 103 - 104 | 75°39'22"SE | 23.19                 | 104             | 748,413.666506  | 1,738,255.557700 |
| 104 - 105 | 73°58'12"SE | 27.67                 | 105             | 748,440.262345  | 1,738,247.916490 |
| 105 - 106 | 73°58'12"SE | 14.90                 | 106             | 748,454.586524  | 1,738,243.801020 |
| 106 - 107 | 73°58'12"SE | 41.08                 | 107             | 748,494.073281  | 1,738,232.456100 |
| 107 - 108 | 73°58'13"SE | 46.02                 | 108             | 748,538.307237  | 1,738,219.747400 |
| 108 - 109 | 73°58'13"SE | 43.91                 | 109             | 748,580.513093  | 1,738,207.621390 |
| 109 - 110 | 73°58'12"SE | 8.97                  | 110             | 748,589.138004  | 1,738,205.143390 |
| 110 - 111 | 73°58'11"SE | 71.32                 | 111             | 748,657.687360  | 1,738,185.448180 |
| 111 - 112 | 73°58'13"SE | 593.95                | 112             | 749,228.542830  | 1,738,021.440020 |
| 112 - 113 | 73°58'15"SE | 23.80                 | 113             | 749,251.413477  | 1,738,014.869480 |
| 113 - 114 | 73°58'16"SE | 3.68                  | 114             | 749,254.946585  | 1,738,013.854460 |
| 114 - 115 | 73°58'22"SE | 43.38                 | 115             | 749,296.643690  | 1,738,001.876620 |
| 115 - 116 | 66°47'10"SE | 31.63                 | 116             | 749,325.708462  | 1,737,989.411110 |
| 116 - 117 | 66°47'33"SE | 42.56                 | 117             | 749,364.826496  | 1,737,972.639140 |
| 117 - 118 | 66°47'23"SE | 65.18                 | 118             | 749,424.734107  | 1,737,946.950150 |
| 118 - 119 | 66°47'23"SE | 19.38                 | 119             | 749,442.549047  | 1,737,939.310920 |
| 119 - 120 | 66°47'23"SE | 62.28                 | 120             | 749,499.784496  | 1,737,914.767780 |
| 120 - 121 | 66°47'23"SE | 38.23                 | 121             | 749,534.920382  | 1,737,899.701160 |
| 121 - 122 | 41°48'00"SW | 6.16                  | 122             | 749,530.811900  | 1,737,895.106100 |
| 122 - 123 | 49°49'32"SW | 10.06                 | 123             | 749,523.125000  | 1,737,888.616100 |
| 123 - 124 | 67°09'51"NW | 8.80                  | 124             | 749,515.010400  | 1,737,892.033100 |
| 124 - 125 | 65°10'12"NW | 17.41                 | 125             | 749,499.214000  | 1,737,899.342100 |
| 125 - 126 | 77°11'58"NW | 13.94                 | 126             | 749,485.622500  | 1,737,902.430100 |
| 126 - 127 | 67°56'49"NW | 15.74                 | 127             | 749,471.036000  | 1,737,908.339100 |
| 127 - 128 | 56°21'12"NW | 21.20                 | 128             | 749,453.386400  | 1,737,920.086100 |
| 128 - 129 | 68°15'01"NW | 19.87                 | 129             | 749,434.935400  | 1,737,927.447100 |
| 129 - 130 | 60°57'36"NW | 16.30                 | 130             | 749,420.687000  | 1,737,935.358100 |
| 130 - 131 | 60°23'55"NW | 32.41                 | 131             | 749,392.505800  | 1,737,951.368100 |
| 131 - 132 | 73°13'22"NW | 15.98                 | 132             | 749,377.201300  | 1,737,955.982100 |
| 132 - 133 | 73°26'26"NW | 22.71                 | 133             | 749,355.434600  | 1,737,962.454200 |
| 133 - 134 | 73°34'54"NW | 19.45                 | 134             | 749,336.778800  | 1,737,967.951300 |
| 134 - 135 | 73°35'02"NW | 1.35                  | 135             | 749,335.482900  | 1,737,968.333100 |
| 135 - 136 | 73°43'11"NW | 24.96                 | 136             | 749,311.524000  | 1,737,975.330100 |
| 136 - 137 | 73°34'36"NW | 17.90                 | 137             | 749,294.350900  | 1,737,980.392000 |
| 137 - 138 | 73°34'34"NW | 4.74                  | 138             | 749,289.804600  | 1,737,981.732100 |
| 138 - 139 | 74°16'31"NW | 23.00                 | 139             | 749,267.663000  | 1,737,987.966100 |
| 139 - 140 | 73°51'54"NW | 24.54                 | 140             | 749,244.084900  | 1,737,994.787100 |
| 140 - 141 | 73°51'17"NW | 17.91                 | 141             | 749,226.879200  | 1,737,999.768000 |
| 141 - 142 | 73°51'16"NW | 5.53                  | 142             | 749,221.562700  | 1,738,001.307100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 142 - 143 | 73°38'27"NW | 23.10                 | 143             | 749,199.398900  | 1,738,007.813100 |
| 143 - 144 | 73°21'01"NW | 23.94                 | 144             | 749,176.463200  | 1,738,014.672100 |
| 144 - 145 | 79°28'34"NW | 25.25                 | 145             | 749,151.636800  | 1,738,019.284100 |
| 145 - 146 | 80°37'04"NW | 20.00                 | 146             | 749,131.900200  | 1,738,022.545100 |
| 146 - 147 | 77°48'46"NW | 19.37                 | 147             | 749,112.962600  | 1,738,026.635100 |
| 147 - 148 | 79°07'24"NW | 19.92                 | 148             | 749,093.398700  | 1,738,030.394200 |
| 148 - 149 | 78°53'33"NW | 14.39                 | 149             | 749,079.274600  | 1,738,033.167100 |
| 149 - 150 | 75°54'39"NW | 18.99                 | 150             | 749,060.858800  | 1,738,037.789100 |
| 150 - 151 | 72°21'59"NW | 23.54                 | 151             | 749,038.427600  | 1,738,044.919100 |
| 151 - 152 | 73°58'19"NW | 23.91                 | 152             | 749,015.449600  | 1,738,051.520100 |
| 152 - 153 | 70°13'36"NW | 16.92                 | 153             | 748,999.527100  | 1,738,057.244100 |
| 153 - 154 | 70°59'37"NW | 21.88                 | 154             | 748,978.839000  | 1,738,064.370100 |
| 154 - 155 | 68°33'31"NW | 17.38                 | 155             | 748,962.657200  | 1,738,070.725100 |
| 155 - 156 | 69°56'44"NW | 22.94                 | 156             | 748,941.103600  | 1,738,078.593100 |
| 156 - 157 | 71°09'08"NW | 18.82                 | 157             | 748,923.295100  | 1,738,084.672100 |
| 157 - 158 | 75°16'23"NW | 22.78                 | 158             | 748,901.263100  | 1,738,090.463100 |
| 158 - 159 | 76°19'21"NW | 6.52                  | 159             | 748,894.928800  | 1,738,092.004600 |
| 159 - 160 | 76°19'21"NW | 18.61                 | 160             | 748,876.841900  | 1,738,096.406100 |
| 160 - 161 | 80°22'44"NW | 20.94                 | 161             | 748,856.200700  | 1,738,099.905100 |
| 161 - 162 | 74°41'27"NW | 15.35                 | 162             | 748,841.394500  | 1,738,103.958100 |
| 162 - 163 | 75°02'30"NW | 19.94                 | 163             | 748,822.125600  | 1,738,109.106100 |
| 163 - 164 | 76°42'10"NW | 18.11                 | 164             | 748,804.502400  | 1,738,113.271100 |
| 164 - 165 | 75°19'26"NW | 20.49                 | 165             | 748,784.681700  | 1,738,118.462100 |
| 165 - 166 | 77°21'26"NW | 13.99                 | 166             | 748,771.027600  | 1,738,121.524800 |
| 166 - 167 | 77°21'28"NW | 10.65                 | 167             | 748,760.633900  | 1,738,123.856100 |
| 167 - 168 | 75°45'58"NW | 17.50                 | 168             | 748,743.670600  | 1,738,128.159100 |
| 168 - 169 | 68°32'20"NW | 16.75                 | 169             | 748,728.082700  | 1,738,134.287100 |
| 169 - 170 | 66°44'44"NW | 18.38                 | 170             | 748,711.197400  | 1,738,141.543100 |
| 170 - 171 | 78°49'20"NW | 15.91                 | 171             | 748,695.590200  | 1,738,144.627100 |
| 171 - 172 | 70°03'43"NW | 22.70                 | 172             | 748,674.247200  | 1,738,152.369100 |
| 172 - 173 | 72°29'58"NW | 18.11                 | 173             | 748,656.975200  | 1,738,157.815100 |
| 173 - 174 | 73°49'40"NW | 15.36                 | 174             | 748,642.226900  | 1,738,162.092100 |
| 174 - 175 | 71°57'06"NW | 19.92                 | 175             | 748,623.288600  | 1,738,168.263100 |
| 175 - 176 | 69°18'14"NW | 23.89                 | 176             | 748,600.942800  | 1,738,176.705100 |
| 176 - 177 | 66°22'49"NW | 23.15                 | 177             | 748,579.733400  | 1,738,185.979900 |
| 177 - 178 | 66°22'47"NW | 6.12                  | 178             | 748,574.128200  | 1,738,188.431100 |
| 178 - 179 | 74°15'36"NW | 27.82                 | 179             | 748,547.350300  | 1,738,195.978200 |
| 179 - 180 | 86°47'37"NW | 19.38                 | 180             | 748,527.999100  | 1,738,197.062200 |
| 180 - 181 | 74°58'34"NW | 7.33                  | 181             | 748,520.920300  | 1,738,198.962100 |
| 181 - 182 | 65°19'24"NW | 17.19                 | 182             | 748,505.299600  | 1,738,206.139100 |
| 182 - 183 | 72°14'10"NW | 17.85                 | 183             | 748,488.303500  | 1,738,211.584100 |
| 183 - 184 | 70°28'12"NW | 25.05                 | 184             | 748,464.698000  | 1,738,219.957100 |
| 184 - 185 | 73°20'17"NW | 17.05                 | 185             | 748,448.362600  | 1,738,224.846100 |
| 185 - 186 | 78°18'15"NW | 21.86                 | 186             | 748,426.952700  | 1,738,229.278200 |
| 186 - 187 | 77°08'59"NW | 25.05                 | 187             | 748,402.527000  | 1,738,234.850100 |
| 187 - 188 | 76°04'27"NW | 23.95                 | 188             | 748,379.280300  | 1,738,240.614100 |
| 188 - 189 | 76°09'19"NW | 24.12                 | 189             | 748,355.863700  | 1,738,246.385100 |
| 189 - 190 | 75°56'17"NW | 26.30                 | 190             | 748,330.347900  | 1,738,252.776100 |
| 190 - 191 | 80°25'21"NW | 24.61                 | 191             | 748,306.084500  | 1,738,256.870100 |
| 191 - 192 | 80°21'31"NW | 16.21                 | 192             | 748,290.108100  | 1,738,259.584100 |
| 192 - 193 | 78°47'50"NW | 26.87                 | 193             | 748,263.751700  | 1,738,264.804100 |
| 193 - 194 | 85°43'34"NW | 18.21                 | 194             | 748,245.593300  | 1,738,266.161100 |
| 194 - 195 | 76°09'13"NW | 18.67                 | 195             | 748,227.466200  | 1,738,270.629100 |
| 195 - 196 | 79°26'08"NW | 17.04                 | 196             | 748,210.710300  | 1,738,273.754100 |
| 196 - 197 | 73°18'51"NW | 13.02                 | 197             | 748,198.239600  | 1,738,277.492100 |
| 197 - 198 | 70°27'01"NW | 20.30                 | 198             | 748,179.106600  | 1,738,284.286100 |
| 198 - 199 | 74°06'06"NW | 1.05                  | 199             | 748,178.095100  | 1,738,284.574200 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 199 - 200 | 74°06'02"NW | 22.66                 | 200             | 748,156.297700  | 1,738,290.783100 |
| 200 - 201 | 82°31'40"NW | 18.25                 | 201             | 748,138.204900  | 1,738,293.156100 |
| 201 - 202 | 69°24'23"NW | 16.97                 | 202             | 748,122.321900  | 1,738,299.124100 |
| 202 - 203 | 77°14'00"NW | 23.55                 | 203             | 748,099.358600  | 1,738,304.327100 |
| 203 - 204 | 79°18'46"NW | 18.63                 | 204             | 748,081.050700  | 1,738,307.782100 |
| 204 - 205 | 70°30'13"NW | 19.47                 | 205             | 748,062.700000  | 1,738,314.279100 |
| 205 - 206 | 71°48'54"NW | 19.63                 | 206             | 748,044.048100  | 1,738,320.406100 |
| 206 - 207 | 72°31'50"NW | 19.40                 | 207             | 748,025.539100  | 1,738,326.231100 |
| 207 - 208 | 72°34'23"NW | 23.06                 | 208             | 748,003.537900  | 1,738,333.137200 |
| 208 - 209 | 72°19'57"NW | 14.35                 | 209             | 747,989.860400  | 1,738,337.493700 |
| 209 - 210 | 72°19'57"NW | 8.38                  | 210             | 747,981.875200  | 1,738,340.037100 |
| 210 - 211 | 74°03'12"NW | 18.04                 | 211             | 747,964.534000  | 1,738,344.992100 |
| 211 - 212 | 73°09'30"NW | 17.45                 | 212             | 747,947.828100  | 1,738,350.049100 |
| 212 - 213 | 69°53'42"NW | 20.32                 | 213             | 747,928.748400  | 1,738,357.033100 |
| 213 - 214 | 66°58'31"NW | 22.23                 | 214             | 747,908.286200  | 1,738,365.729100 |
| 214 - 215 | 73°12'54"NW | 23.05                 | 215             | 747,886.219400  | 1,738,372.385100 |
| 215 - 216 | 75°40'26"NW | 24.24                 | 216             | 747,862.728800  | 1,738,378.384100 |
| 216 - 217 | 72°16'51"NW | 24.54                 | 217             | 747,839.348900  | 1,738,385.854100 |
| 217 - 218 | 67°15'28"NW | 24.84                 | 218             | 747,816.437000  | 1,738,395.458100 |
| 218 - 219 | 71°45'51"NW | 21.58                 | 219             | 747,795.937800  | 1,738,402.212100 |
| 219 - 220 | 69°34'41"NW | 24.36                 | 220             | 747,773.108600  | 1,738,410.712100 |
| 220 - 221 | 68°48'00"NW | 21.43                 | 221             | 747,753.132900  | 1,738,418.460100 |
| 221 - 222 | 63°23'15"NW | 14.30                 | 222             | 747,740.345300  | 1,738,424.867100 |
| 222 - 223 | 62°30'10"NW | 16.87                 | 223             | 747,725.377000  | 1,738,432.658100 |
| 223 - 224 | 65°25'22"NW | 22.31                 | 224             | 747,705.086400  | 1,738,441.938100 |
| 224 - 225 | 65°07'58"NW | 2.70                  | 225             | 747,702.638000  | 1,738,443.072900 |
| 225 - 226 | 65°07'56"NW | 14.88                 | 226             | 747,689.133700  | 1,738,449.332100 |
| 226 - 227 | 59°37'21"NW | 18.71                 | 227             | 747,672.988000  | 1,738,458.796100 |
| 227 - 228 | 62°47'46"NW | 21.76                 | 228             | 747,653.638300  | 1,738,468.742100 |
| 228 - 229 | 65°36'34"NW | 23.87                 | 229             | 747,631.894600  | 1,738,478.601100 |
| 229 - 230 | 64°05'59"NW | 17.59                 | 230             | 747,616.074300  | 1,738,486.283100 |
| 230 - 231 | 66°33'15"NW | 23.02                 | 231             | 747,594.957600  | 1,738,495.441100 |
| 231 - 232 | 58°54'13"NW | 24.46                 | 232             | 747,574.009000  | 1,738,508.076200 |
| 232 - 233 | 59°26'09"NW | 21.39                 | 233             | 747,555.594100  | 1,738,518.951100 |
| 233 - 234 | 65°01'41"NW | 21.05                 | 234             | 747,536.515700  | 1,738,527.836100 |
| 234 - 235 | 62°09'05"NW | 20.89                 | 235             | 747,518.042200  | 1,738,537.596100 |
| 235 - 236 | 60°16'34"NW | 22.88                 | 236             | 747,498.173300  | 1,738,548.940100 |
| 236 - 237 | 67°27'07"NW | 20.08                 | 237             | 747,479.630100  | 1,738,556.639100 |
| 237 - 238 | 61°25'33"NW | 9.25                  | 238             | 747,471.504200  | 1,738,561.064700 |
| 238 - 239 | 61°25'32"NW | 9.86                  | 239             | 747,462.842600  | 1,738,565.782100 |
| 239 - 240 | 63°50'37"NW | 21.25                 | 240             | 747,443.769700  | 1,738,575.149100 |
| 240 - 241 | 65°53'24"NW | 18.17                 | 241             | 747,427.180800  | 1,738,582.573100 |
| 241 - 242 | 63°02'40"NW | 18.65                 | 242             | 747,410.558900  | 1,738,591.026100 |
| 242 - 243 | 64°30'14"NW | 22.99                 | 243             | 747,389.809800  | 1,738,600.921100 |
| 243 - 244 | 66°31'07"NW | 21.61                 | 244             | 747,369.985700  | 1,738,609.533100 |
| 244 - 245 | 64°25'47"NW | 23.96                 | 245             | 747,348.373600  | 1,738,619.874100 |
| 245 - 246 | 67°24'22"NW | 16.20                 | 246             | 747,333.419200  | 1,738,626.097100 |
| 246 - 247 | 66°09'15"NW | 14.44                 | 247             | 747,320.213400  | 1,738,631.934100 |
| 247 - 248 | 63°50'27"NW | 17.51                 | 248             | 747,304.497900  | 1,738,639.653100 |
| 248 - 249 | 66°25'43"NW | 12.59                 | 249             | 747,292.957500  | 1,738,644.688100 |
| 249 - 250 | 70°51'40"NW | 15.46                 | 250             | 747,278.351100  | 1,738,649.757100 |
| 250 - 251 | 67°41'09"NW | 16.01                 | 251             | 747,263.539300  | 1,738,655.836100 |
| 251 - 252 | 66°48'36"NW | 18.27                 | 252             | 747,246.741600  | 1,738,663.032100 |
| 252 - 253 | 71°48'43"NW | 17.32                 | 253             | 747,230.284500  | 1,738,668.439100 |
| 253 - 254 | 71°28'03"NW | 5.78                  | 254             | 747,224.799500  | 1,738,670.277800 |
| 254 - 255 | 71°28'05"NW | 11.50                 | 255             | 747,213.897800  | 1,738,673.932200 |
| 255 - 256 | 68°45'41"NW | 15.60                 | 256             | 747,199.357900  | 1,738,679.583100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 256 - 257 | 60°58'29"NW | 14.48                 | 257             | 747,186.699300  | 1,738,686.607100 |
| 257 - 258 | 61°59'51"NW | 15.01                 | 258             | 747,173.443400  | 1,738,693.656100 |
| 258 - 259 | 63°02'03"NW | 12.14                 | 259             | 747,162.619300  | 1,738,699.163100 |
| 259 - 260 | 63°17'34"NW | 16.02                 | 260             | 747,148.306200  | 1,738,706.364100 |
| 260 - 261 | 61°43'26"NW | 3.41                  | 261             | 747,145.299700  | 1,738,707.981300 |
| 261 - 262 | 61°43'34"NW | 10.26                 | 262             | 747,136.262300  | 1,738,712.842100 |
| 262 - 263 | 62°05'37"NW | 20.00                 | 263             | 747,118.587100  | 1,738,722.203100 |
| 263 - 264 | 60°55'48"NW | 14.46                 | 264             | 747,105.946500  | 1,738,729.230100 |
| 264 - 265 | 55°30'16"NW | 16.37                 | 265             | 747,092.456300  | 1,738,738.500100 |
| 265 - 266 | 70°24'07"NW | 7.64                  | 266             | 747,085.259700  | 1,738,741.062400 |
| 266 - 267 | 70°24'08"NW | 11.17                 | 267             | 747,074.739100  | 1,738,744.808100 |
| 267 - 268 | 64°15'39"NW | 16.81                 | 268             | 747,059.601400  | 1,738,752.106100 |
| 268 - 269 | 65°19'51"NW | 14.38                 | 269             | 747,046.533500  | 1,738,758.108100 |
| 269 - 270 | 69°06'24"NW | 7.75                  | 270             | 747,039.289600  | 1,738,760.873300 |
| 270 - 271 | 69°06'23"NW | 6.08                  | 271             | 747,033.613400  | 1,738,763.040100 |
| 271 - 272 | 67°24'58"NW | 15.57                 | 272             | 747,019.235800  | 1,738,769.020100 |
| 272 - 273 | 65°39'19"NW | 10.39                 | 273             | 747,009.767400  | 1,738,773.304100 |
| 273 - 274 | 66°58'11"NW | 15.24                 | 274             | 746,995.737700  | 1,738,779.268100 |
| 274 - 275 | 65°26'46"NW | 13.12                 | 275             | 746,983.808500  | 1,738,784.718100 |
| 275 - 276 | 63°07'08"NW | 7.08                  | 276             | 746,977.495000  | 1,738,787.918500 |
| 276 - 277 | 63°07'12"NW | 6.40                  | 277             | 746,971.790400  | 1,738,790.810100 |
| 277 - 278 | 66°55'25"NW | 15.73                 | 278             | 746,957.322400  | 1,738,796.974100 |
| 278 - 279 | 66°52'59"NW | 20.24                 | 279             | 746,938.710700  | 1,738,804.919100 |
| 279 - 280 | 70°09'40"NW | 19.52                 | 280             | 746,920.353300  | 1,738,811.542200 |
| 280 - 281 | 76°59'16"NW | 14.59                 | 281             | 746,906.134200  | 1,738,814.828100 |
| 281 - 282 | 74°30'01"NW | 20.38                 | 282             | 746,886.495700  | 1,738,820.274200 |
| 282 - 283 | 69°18'01"NW | 15.30                 | 283             | 746,872.186400  | 1,738,825.681100 |
| 283 - 284 | 63°03'29"NW | 15.17                 | 284             | 746,858.665400  | 1,738,832.553100 |
| 284 - 285 | 63°59'10"NW | 19.29                 | 285             | 746,841.328300  | 1,738,841.014100 |
| 285 - 286 | 69°46'03"NW | 16.49                 | 286             | 746,825.860300  | 1,738,846.715100 |
| 286 - 287 | 63°24'51"NW | 13.32                 | 287             | 746,813.947000  | 1,738,852.677100 |
| 287 - 288 | 70°11'25"NW | 20.78                 | 288             | 746,794.397400  | 1,738,859.719100 |
| 288 - 289 | 68°12'26"NW | 16.22                 | 289             | 746,779.333200  | 1,738,865.742100 |
| 289 - 290 | 73°28'59"NW | 15.97                 | 290             | 746,764.019600  | 1,738,870.283100 |
| 290 - 291 | 28°48'54"NE | 1.13                  | 291             | 746,764.562000  | 1,738,871.269100 |
| 291 - 292 | 58°48'24"NW | 76.40                 | 292             | 746,699.210500  | 1,738,910.836700 |
| 292 - 293 | 53°57'06"NW | 83.47                 | 293             | 746,631.727000  | 1,738,959.953000 |
| 293 - 294 | 37°51'44"NW | 20.31                 | 294             | 746,619.262600  | 1,738,975.986000 |
| 294 - 295 | 68°12'37"NW | 27.08                 | 295             | 746,594.113400  | 1,738,986.039600 |
| 295 - 296 | 75°48'44"SW | 12.18                 | 296             | 746,582.300100  | 1,738,983.053100 |
| 296 - 297 | 32°17'46"SW | 10.67                 | 297             | 746,576.601100  | 1,738,974.036900 |
| 297 - 298 | 15°07'40"SE | 4.43                  | 298             | 746,577.756300  | 1,738,969.763800 |
| 298 - 300 | 15°07'37"SE | 9.48                  | 300             | 746,580.231300  | 1,738,960.608300 |
| 300 - 301 | 82°54'29"NW | 210.85                | 301             | 746,370.994300  | 1,738,986.640000 |
| 301 - 302 | 75°20'55"NW | 62.76                 | 302             | 746,310.272300  | 1,739,002.515000 |
| 302 - 303 | 02°32'29"SW | 10.04                 | 303             | 746,309.826900  | 1,738,992.480800 |
| 303 - 304 | 74°15'06"NW | 13.48                 | 304             | 746,296.851900  | 1,738,996.139700 |
| 304 - 305 | 73°36'06"NW | 31.07                 | 305             | 746,267.042300  | 1,739,004.912200 |
| 305 - 306 | 74°43'49"NW | 32.59                 | 306             | 746,235.606800  | 1,739,013.494100 |
| 306 - 307 | 74°36'50"NW | 30.21                 | 307             | 746,206.480300  | 1,739,021.509200 |
| 307 - 308 | 74°42'57"NW | 38.19                 | 308             | 746,169.637200  | 1,739,031.577200 |
| 308 - 309 | 78°54'43"NW | 29.17                 | 309             | 746,141.016600  | 1,739,037.186100 |
| 309 - 310 | 77°25'17"NW | 12.45                 | 310             | 746,128.869100  | 1,739,039.896600 |
| 310 - 311 | 77°25'16"NW | 15.62                 | 311             | 746,113.625100  | 1,739,043.298100 |
| 311 - 312 | 73°23'13"NW | 4.08                  | 312             | 746,109.720100  | 1,739,044.463200 |
| 312 - 313 | 73°23'12"NW | 24.08                 | 313             | 746,086.647800  | 1,739,051.347100 |
| 313 - 314 | 78°31'19"NW | 28.29                 | 314             | 746,058.925500  | 1,739,056.976100 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 314 - 315 | 80°28'16"NW | 6.22                  | 315             | 746,052.789400  | 1,739,058.006100 |
| 315 - 316 | 80°28'19"NW | 6.15                  | 316             | 746,046.723600  | 1,739,059.024200 |
| 316 - 317 | 80°28'16"NW | 7.77                  | 317             | 746,039.060500  | 1,739,060.310500 |
| 317 - 318 | 80°28'16"NW | 12.56                 | 318             | 746,026.670800  | 1,739,062.390200 |
| 318 - 319 | 81°07'45"NW | 31.17                 | 319             | 745,995.871600  | 1,739,067.197100 |
| 319 - 320 | 75°21'41"NW | 31.06                 | 320             | 745,965.817700  | 1,739,075.047100 |
| 320 - 321 | 75°50'40"NW | 33.54                 | 321             | 745,933.297000  | 1,739,083.249100 |
| 321 - 322 | 74°54'56"NW | 24.40                 | 322             | 745,909.737400  | 1,739,089.599100 |
| 322 - 323 | 75°23'30"NW | 33.28                 | 323             | 745,877.531400  | 1,739,097.993100 |
| 323 - 324 | 75°51'09"NW | 11.66                 | 324             | 745,866.228200  | 1,739,100.842200 |
| 324 - 325 | 77°17'08"NW | 0.76                  | 325             | 745,865.483600  | 1,739,101.010200 |
| 325 - 326 | 75°48'37"NW | 26.07                 | 326             | 745,840.207600  | 1,739,107.401100 |
| 326 - 327 | 84°11'31"NW | 25.64                 | 327             | 745,814.695100  | 1,739,109.996100 |
| 327 - 328 | 75°18'44"NW | 24.95                 | 328             | 745,790.561200  | 1,739,116.322000 |
| 328 - 329 | 77°57'10"NW | 34.80                 | 329             | 745,756.528800  | 1,739,123.585100 |
| 329 - 330 | 86°42'28"NW | 31.59                 | 330             | 745,724.991500  | 1,739,125.399100 |
| 330 - 331 | 81°40'58"NW | 27.16                 | 331             | 745,698.121400  | 1,739,129.327200 |
| 331 - 332 | 81°17'16"NW | 26.96                 | 332             | 745,671.469600  | 1,739,133.411200 |
| 332 - 333 | 74°47'24"NW | 11.87                 | 333             | 745,660.017100  | 1,739,136.524900 |
| 333 - 334 | 74°47'22"NW | 6.13                  | 334             | 745,654.099600  | 1,739,138.133800 |
| 334 - 335 | 74°47'34"NW | 1.66                  | 335             | 745,652.498200  | 1,739,138.569100 |
| 335 - 336 | 81°16'39"NW | 30.71                 | 336             | 745,622.143900  | 1,739,143.226100 |
| 336 - 337 | 76°35'10"SW | 1.50                  | 337             | 745,620.689300  | 1,739,142.879200 |
| 337 - 338 | 76°35'07"SW | 9.31                  | 338             | 745,611.637500  | 1,739,140.720300 |
| 338 - 339 | 76°35'05"SW | 4.52                  | 339             | 745,607.236100  | 1,739,139.670500 |
| 339 - 340 | 76°35'06"SW | 2.89                  | 340             | 745,604.425300  | 1,739,139.000100 |
| 340 - 341 | 79°26'47"NW | 14.66                 | 341             | 745,590.013500  | 1,739,141.685100 |
| 341 - 342 | 82°02'02"NW | 28.49                 | 342             | 745,561.800700  | 1,739,145.633100 |
| 342 - 343 | 81°30'28"NW | 1.25                  | 343             | 745,560.563000  | 1,739,145.817900 |
| 343 - 344 | 82°00'43"NW | 3.68                  | 344             | 745,556.919400  | 1,739,146.329200 |
| 344 - 345 | 81°45'23"NW | 29.47                 | 345             | 745,527.750000  | 1,739,150.555100 |
| 345 - 346 | 81°05'16"NW | 21.26                 | 346             | 745,506.749500  | 1,739,153.848200 |
| 346 - 347 | 81°30'44"NW | 10.54                 | 347             | 745,496.329500  | 1,739,155.403200 |
| 347 - 348 | 82°16'19"NW | 24.11                 | 348             | 745,472.439200  | 1,739,158.645100 |
| 348 - 349 | 86°17'32"NW | 5.05                  | 349             | 745,467.400781  | 1,739,158.971600 |
| 349 - 350 | 13°00'35"NE | 47.71                 | 350             | 745,478.141980  | 1,739,205.460850 |
| 350 - 351 | 79°48'45"SE | 9.97                  | 351             | 745,487.956975  | 1,739,203.697090 |
| 351 - 1   | 87°01'19"SE | 242.07                | 1               |                 |                  |

## Zona de Amortiguamiento

## "Laguna Verde 2"

(Superficie 1-45-02.26 hectáreas)

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 749,676.367101  | 1,737,862.246190 |
| 1 - 2   | 73°47'17"SE | 32.96668079           | 2               | 749,708.022922  | 1,737,853.042330 |
| 2 - 3   | 73°47'13"SE | 38.53056852           | 3               | 749,745.021173  | 1,737,842.284350 |
| 3 - 4   | 73°47'25"SE | 53.14453108           | 4               | 749,796.053055  | 1,737,827.448980 |
| 4 - 5   | 73°47'18"SE | 5.358473526           | 5               | 749,801.198460  | 1,737,825.952970 |
| 5 - 6   | 73°47'18"SE | 36.65139231           | 6               | 749,836.392492  | 1,737,815.720440 |
| 6 - 7   | 66°05'02"SE | 1.922819545           | 7               | 749,838.150222  | 1,737,814.940940 |
| 7 - 8   | 66°05'02"SE | 10.62088759           | 8               | 749,847.859215  | 1,737,810.635280 |
| 8 - 9   | 66°05'02"SE | 19.94841433           | 9               | 749,866.094894  | 1,737,802.548300 |
| 9 - 10  | 66°05'02"SE | 73.92374533           | 10              | 749,933.671669  | 1,737,772.579990 |
| 10 - 11 | 66°05'02"SE | 40.46065066           | 11              | 749,970.658436  | 1,737,756.177450 |
| 11 - 12 | 66°05'02"SE | 97.83647295           | 12              | 750,060.094835  | 1,737,716.515050 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 12 - 13 | 66°05'03"SE | 2.886624521           | 13              | 750,062.733620  | 1,737,715.344830 |
| 13 - 14 | 66°05'02"SE | 93.1162485            | 14              | 750,147.855063  | 1,737,677.595980 |
| 14 - 15 | 66°05'02"SE | 50.5252493            | 15              | 750,194.042302  | 1,737,657.113310 |
| 15 - 16 | 24°58'52"SW | 9.968050556           | 16              | 750,189.832600  | 1,737,648.077800 |
| 16 - 17 | 75°07'56"NW | 17.42217367           | 17              | 750,172.993700  | 1,737,652.548100 |
| 17 - 18 | 77°11'01"NW | 23.4693075            | 18              | 750,150.109100  | 1,737,657.754200 |
| 18 - 19 | 63°49'08"NW | 21.13941172           | 19              | 750,131.138500  | 1,737,667.081100 |
| 19 - 20 | 64°30'49"NW | 21.15534353           | 20              | 750,112.041800  | 1,737,676.184100 |
| 20 - 21 | 75°21'57"NW | 16.24427085           | 21              | 750,096.324500  | 1,737,680.288100 |
| 21 - 22 | 61°52'11"NW | 17.44524411           | 22              | 750,080.939900  | 1,737,688.513100 |
| 22 - 23 | 71°12'59"NW | 22.0346209            | 23              | 750,060.078800  | 1,737,695.608100 |
| 23 - 24 | 72°30'42"NW | 21.45686422           | 24              | 750,039.613700  | 1,737,702.056100 |
| 24 - 25 | 71°00'06"NW | 23.89889806           | 25              | 750,017.016600  | 1,737,709.836100 |
| 25 - 26 | 65°03'42"NW | 21.75077196           | 26              | 749,997.293800  | 1,737,719.007100 |
| 26 - 27 | 72°13'49"NW | 21.44911958           | 27              | 749,976.868000  | 1,737,725.553200 |
| 27 - 28 | 68°00'30"NW | 27.0700355            | 28              | 749,951.767600  | 1,737,735.690100 |
| 28 - 29 | 66°58'11"NW | 25.58941013           | 29              | 749,928.217700  | 1,737,745.701100 |
| 29 - 30 | 72°53'42"NW | 24.15691745           | 30              | 749,905.129300  | 1,737,752.806200 |
| 30 - 31 | 68°43'12"NW | 29.65868634           | 31              | 749,877.492800  | 1,737,763.570100 |
| 31 - 32 | 72°38'04"NW | 32.00766941           | 32              | 749,846.944000  | 1,737,773.123200 |
| 32 - 33 | 71°41'32"NW | 30.56121209           | 33              | 749,817.929700  | 1,737,782.723100 |
| 33 - 34 | 70°16'58"NW | 28.38127304           | 34              | 749,791.212400  | 1,737,792.298200 |
| 34 - 35 | 72°06'14"NW | 24.06160186           | 35              | 749,768.315000  | 1,737,799.692100 |
| 35 - 36 | 77°36'32"NW | 25.60359521           | 36              | 749,743.307800  | 1,737,805.186100 |
| 36 - 37 | 72°49'49"NW | 14.0852146            | 37              | 749,729.850300  | 1,737,809.344100 |
| 37 - 38 | 64°28'02"NW | 2.896580733           | 38              | 749,727.236600  | 1,737,810.592600 |
| 38 - 39 | 64°27'57"NW | 13.39321939           | 39              | 749,715.151500  | 1,737,816.365700 |
| 39 - 40 | 64°27'59"NW | 11.30390383           | 40              | 749,704.951600  | 1,737,821.238100 |
| 40 - 41 | 63°57'12"NW | 24.28138295           | 41              | 749,683.136300  | 1,737,831.900100 |
| 41 - 42 | 63°14'54"NW | 0.975959395           | 42              | 749,682.264800  | 1,737,832.339400 |
| 42 - 1  | 11°09'20"NW | 30.48276466           | 1               |                 |                  |

## Zona de Amortiguamiento

## "Barra Tonameca"

(Superficie 5-34-79.08 hectáreas)

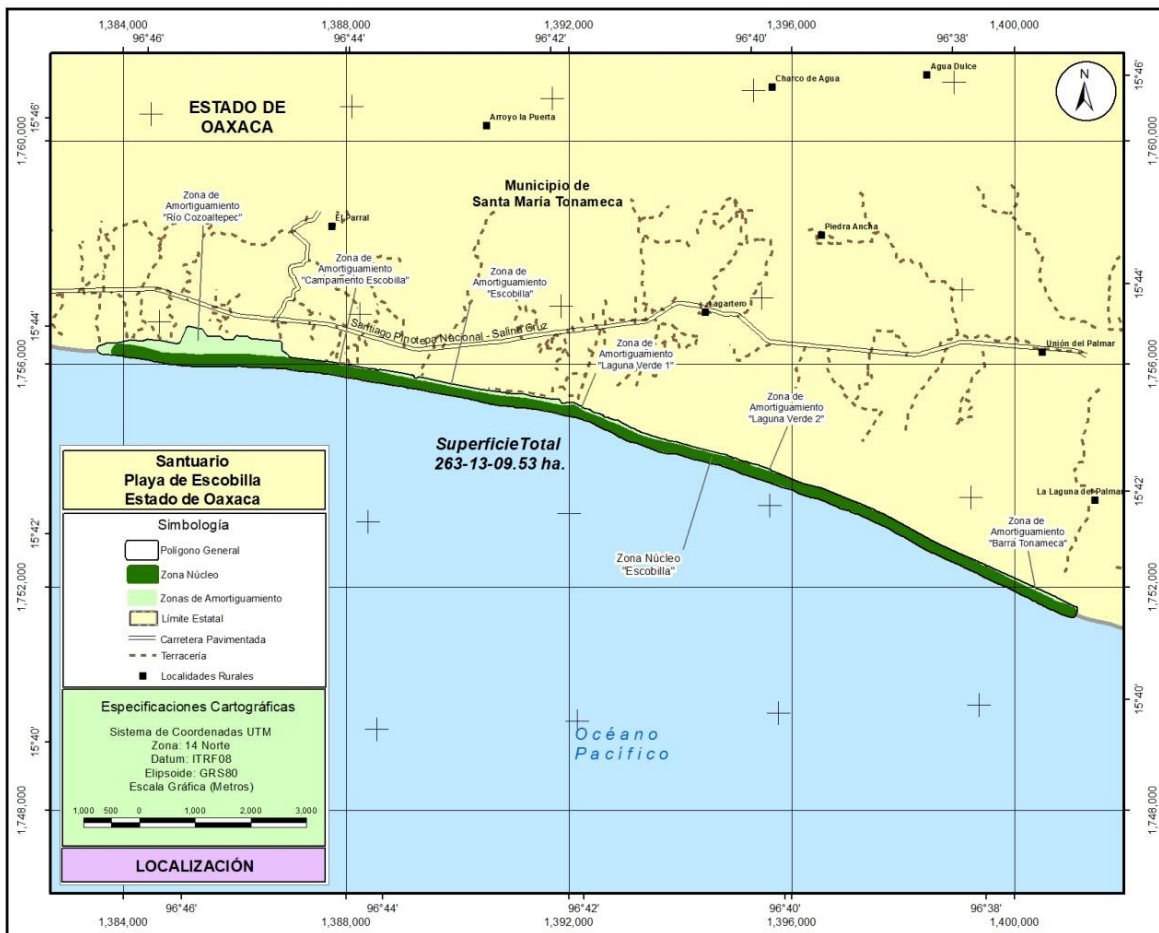
| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
|         |             |                       | 1               | 753,455.258493  | 1,736,104.669590 |
| 1 - 2   | 63°57'50"SE | 2.03                  | 2               | 753,457.082263  | 1,736,103.778660 |
| 2 - 3   | 63°57'50"SE | 223.71                | 3               | 753,658.091595  | 1,736,005.583530 |
| 3 - 4   | 63°57'50"SE | 455.92                | 4               | 754,067.741818  | 1,735,805.465790 |
| 4 - 5   | 63°57'50"SE | 1,104.09              | 5               | 755,059.784474  | 1,735,320.842380 |
| 5 - 6   | 61°52'41"SE | 21.61                 | 6               | 755,078.844334  | 1,735,310.656070 |
| 6 - 7   | 61°52'46"SE | 238.27                | 7               | 755,288.989571  | 1,735,198.352180 |
| 7 - 8   | 61°52'45"SE | 1.92                  | 8               | 755,290.678723  | 1,735,197.449470 |
| 8 - 9   | 61°52'43"SE | 0.28                  | 9               | 755,290.928523  | 1,735,197.315970 |
| 9 - 10  | 61°52'42"SE | 0.46                  | 10              | 755,291.330593  | 1,735,197.101090 |
| 10 - 11 | 61°53'09"SE | 0.03                  | 11              | 755,291.357677  | 1,735,197.086620 |
| 11 - 12 | 61°52'40"SE | 0.06                  | 12              | 755,291.407149  | 1,735,197.060180 |
| 12 - 13 | 24°43'36"SW | 0.00                  | 13              | 755,291.405726  | 1,735,197.057090 |
| 13 - 14 | 61°52'44"SE | 111.71                | 14              | 755,389.930774  | 1,735,144.403520 |
| 14 - 15 | 70°11'13"SE | 29.94                 | 15              | 755,418.102911  | 1,735,134.253800 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 15 - 16 | 18°29'07"SW | 0.13                  | 16              | 755,418.062553  | 1,735,134.133080 |
| 16 - 17 | 21°21'52"SW | 3.26                  | 17              | 755,416.875990  | 1,735,131.099800 |
| 17 - 18 | 21°21'52"SW | 17.43                 | 18              | 755,410.525602  | 1,735,114.866000 |
| 18 - 19 | 63°56'35"NW | 15.41                 | 19              | 755,396.686100  | 1,735,121.633000 |
| 19 - 20 | 67°39'42"NW | 19.36                 | 20              | 755,378.781900  | 1,735,128.990000 |
| 20 - 21 | 58°00'19"NW | 24.98                 | 21              | 755,357.595200  | 1,735,142.226100 |
| 21 - 22 | 67°09'29"NW | 16.15                 | 22              | 755,342.709800  | 1,735,148.496100 |
| 22 - 23 | 50°28'43"NW | 20.66                 | 23              | 755,326.774600  | 1,735,161.642000 |
| 23 - 24 | 57°08'43"NW | 19.11                 | 24              | 755,310.724900  | 1,735,172.007000 |
| 24 - 25 | 58°09'24"NW | 23.57                 | 25              | 755,290.701300  | 1,735,184.443000 |
| 25 - 26 | 67°45'02"NW | 2.46                  | 26              | 755,288.427500  | 1,735,185.373200 |
| 26 - 27 | 67°45'03"NW | 23.38                 | 27              | 755,266.792000  | 1,735,194.224100 |
| 27 - 28 | 72°12'10"NW | 24.96                 | 28              | 755,243.026400  | 1,735,201.853100 |
| 28 - 29 | 76°43'16"NW | 19.91                 | 29              | 755,223.649200  | 1,735,206.426100 |
| 29 - 30 | 80°41'43"NW | 22.45                 | 30              | 755,201.493300  | 1,735,210.056100 |
| 30 - 31 | 79°16'10"NW | 17.82                 | 31              | 755,183.986400  | 1,735,213.373700 |
| 31 - 32 | 79°16'09"NW | 6.33                  | 32              | 755,177.762800  | 1,735,214.553100 |
| 32 - 33 | 67°19'46"NW | 25.93                 | 33              | 755,153.831800  | 1,735,224.549100 |
| 33 - 34 | 67°04'46"NW | 19.24                 | 34              | 755,136.108600  | 1,735,232.043100 |
| 34 - 35 | 66°28'23"NW | 27.42                 | 35              | 755,110.969000  | 1,735,242.988100 |
| 35 - 36 | 67°11'31"NW | 32.36                 | 36              | 755,081.137100  | 1,735,255.533100 |
| 36 - 37 | 67°34'52"NW | 25.93                 | 37              | 755,057.166800  | 1,735,265.422100 |
| 37 - 38 | 69°27'48"NW | 26.39                 | 38              | 755,032.458600  | 1,735,274.678100 |
| 38 - 39 | 52°24'25"NW | 21.25                 | 39              | 755,015.621500  | 1,735,287.641100 |
| 39 - 40 | 54°58'58"NW | 21.23                 | 40              | 754,998.233300  | 1,735,299.824200 |
| 40 - 41 | 58°26'47"NW | 25.57                 | 41              | 754,976.443300  | 1,735,313.205100 |
| 41 - 42 | 63°16'37"NW | 26.06                 | 42              | 754,953.169700  | 1,735,324.922200 |
| 42 - 43 | 56°04'50"NW | 29.03                 | 43              | 754,929.079200  | 1,735,341.122100 |
| 43 - 44 | 61°07'59"NW | 23.20                 | 44              | 754,908.759100  | 1,735,352.324100 |
| 44 - 45 | 67°18'47"NW | 21.69                 | 45              | 754,888.751500  | 1,735,360.688100 |
| 45 - 46 | 61°52'21"NW | 18.70                 | 46              | 754,872.259600  | 1,735,369.504100 |
| 46 - 47 | 59°48'49"NW | 24.27                 | 47              | 754,851.279400  | 1,735,381.708100 |
| 47 - 48 | 61°25'27"NW | 23.34                 | 48              | 754,830.786200  | 1,735,392.870100 |
| 48 - 49 | 64°53'20"NW | 24.53                 | 49              | 754,808.572100  | 1,735,403.281100 |
| 49 - 50 | 65°14'40"NW | 18.87                 | 50              | 754,791.435600  | 1,735,411.183100 |
| 50 - 51 | 62°08'51"NW | 20.22                 | 51              | 754,773.557300  | 1,735,420.630100 |
| 51 - 52 | 60°20'14"NW | 26.47                 | 52              | 754,750.552300  | 1,735,433.732100 |
| 52 - 53 | 63°34'45"NW | 27.67                 | 53              | 754,725.776300  | 1,735,446.042100 |
| 53 - 54 | 63°51'09"NW | 25.83                 | 54              | 754,702.593300  | 1,735,457.423100 |
| 54 - 55 | 61°15'25"NW | 25.84                 | 55              | 754,679.940600  | 1,735,469.847100 |
| 55 - 56 | 58°52'44"NW | 26.74                 | 56              | 754,657.046500  | 1,735,483.669100 |
| 56 - 57 | 67°17'35"NW | 26.55                 | 57              | 754,632.551200  | 1,735,493.919100 |
| 57 - 58 | 67°57'52"NW | 30.20                 | 58              | 754,604.555900  | 1,735,505.250100 |
| 58 - 59 | 64°26'00"NW | 24.70                 | 59              | 754,582.273500  | 1,735,515.910100 |
| 59 - 60 | 61°04'21"NW | 30.85                 | 60              | 754,555.272900  | 1,735,530.832100 |
| 60 - 61 | 63°45'48"NW | 28.25                 | 61              | 754,529.936600  | 1,735,543.319100 |
| 61 - 62 | 63°45'51"NW | 1.08                  | 62              | 754,528.966700  | 1,735,543.797100 |
| 62 - 63 | 64°37'52"NW | 25.92                 | 63              | 754,505.542500  | 1,735,554.904100 |
| 63 - 64 | 61°29'47"NW | 23.17                 | 64              | 754,485.184600  | 1,735,565.959100 |
| 64 - 65 | 55°42'10"NW | 30.31                 | 65              | 754,460.143400  | 1,735,583.039100 |
| 65 - 66 | 67°09'34"NW | 26.32                 | 66              | 754,435.888300  | 1,735,593.255100 |
| 66 - 67 | 64°56'23"NW | 27.70                 | 67              | 754,410.793500  | 1,735,604.989100 |
| 67 - 68 | 61°02'15"NW | 26.37                 | 68              | 754,387.723700  | 1,735,617.757100 |



| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 68 - 69   | 61°30'11"NW | 27.89                 | 69              | 754,363.208400  | 1,735,631.066100 |
| 69 - 70   | 63°39'07"NW | 30.87                 | 70              | 754,335.548700  | 1,735,644.765100 |
| 70 - 71   | 60°21'55"NW | 29.04                 | 71              | 754,310.309500  | 1,735,659.123100 |
| 71 - 72   | 59°20'57"NW | 27.32                 | 72              | 754,286.804300  | 1,735,673.052100 |
| 72 - 73   | 62°07'24"NW | 30.96                 | 73              | 754,259.436700  | 1,735,687.528100 |
| 73 - 74   | 63°30'53"NW | 28.36                 | 74              | 754,234.054400  | 1,735,700.175100 |
| 74 - 75   | 62°43'39"NW | 26.23                 | 75              | 754,210.740300  | 1,735,712.194100 |
| 75 - 76   | 63°10'03"NW | 27.89                 | 76              | 754,185.855200  | 1,735,724.782100 |
| 76 - 77   | 62°39'22"NW | 26.31                 | 77              | 754,162.482700  | 1,735,736.868100 |
| 77 - 78   | 63°55'07"NW | 38.14                 | 78              | 754,128.222200  | 1,735,753.638200 |
| 78 - 79   | 59°54'24"NW | 29.15                 | 79              | 754,103.003100  | 1,735,768.253200 |
| 79 - 80   | 62°39'36"NW | 27.55                 | 80              | 754,078.526500  | 1,735,780.908100 |
| 80 - 81   | 64°00'48"NW | 30.11                 | 81              | 754,051.464500  | 1,735,794.099200 |
| 81 - 82   | 59°11'00"NW | 24.51                 | 82              | 754,030.415500  | 1,735,806.655100 |
| 82 - 83   | 64°52'40"NW | 21.38                 | 83              | 754,011.061900  | 1,735,815.730100 |
| 83 - 84   | 56°47'31"NW | 27.88                 | 84              | 753,987.732500  | 1,735,831.001100 |
| 84 - 85   | 58°39'19"NW | 28.87                 | 85              | 753,963.072100  | 1,735,846.021100 |
| 85 - 86   | 69°49'11"NW | 27.05                 | 86              | 753,937.683900  | 1,735,855.352100 |
| 86 - 87   | 63°11'16"NW | 28.57                 | 87              | 753,912.185000  | 1,735,868.239200 |
| 87 - 88   | 65°33'35"NW | 24.99                 | 88              | 753,889.435500  | 1,735,878.578100 |
| 88 - 89   | 57°52'37"NW | 29.26                 | 89              | 753,864.659100  | 1,735,894.134200 |
| 89 - 90   | 64°32'39"NW | 28.21                 | 90              | 753,839.188100  | 1,735,906.259100 |
| 90 - 91   | 66°57'06"NW | 29.60                 | 91              | 753,811.952200  | 1,735,917.847100 |
| 91 - 92   | 60°46'49"NW | 25.03                 | 92              | 753,790.109900  | 1,735,930.064100 |
| 92 - 93   | 70°04'34"NW | 25.91                 | 93              | 753,765.748700  | 1,735,938.894100 |
| 93 - 94   | 61°07'58"NW | 22.53                 | 94              | 753,746.020100  | 1,735,949.770100 |
| 94 - 95   | 63°45'12"NW | 25.65                 | 95              | 753,723.017200  | 1,735,961.112100 |
| 95 - 96   | 61°16'15"NW | 18.38                 | 96              | 753,706.895500  | 1,735,969.949100 |
| 96 - 97   | 61°20'50"NW | 30.44                 | 97              | 753,680.184900  | 1,735,984.544100 |
| 97 - 98   | 64°09'41"NW | 26.65                 | 98              | 753,656.199100  | 1,735,996.159100 |
| 98 - 99   | 64°48'08"NW | 26.14                 | 99              | 753,632.550400  | 1,736,007.286100 |
| 99 - 100  | 64°29'23"NW | 30.36                 | 100             | 753,605.154700  | 1,736,020.359100 |
| 100 - 101 | 63°26'56"NW | 30.57                 | 101             | 753,577.810000  | 1,736,034.023100 |
| 101 - 102 | 64°23'23"NW | 27.17                 | 102             | 753,553.309500  | 1,736,045.767100 |
| 102 - 103 | 64°14'42"NW | 31.59                 | 103             | 753,524.860800  | 1,736,059.492100 |
| 103 - 104 | 61°49'19"NW | 30.07                 | 104             | 753,498.355400  | 1,736,073.691100 |
| 104 - 105 | 63°33'21"NW | 29.34                 | 105             | 753,472.084700  | 1,736,086.757100 |
| 105 - 106 | 52°00'42"NW | 23.83                 | 106             | 753,453.303900  | 1,736,101.424100 |
| 106 - 1   | 31°03'30"NE | 3.79                  | 1               |                 |                  |

| Polígono general | Superficie (ha)   | Zonificación    | Nombre               | Superficie (ha)   |
|------------------|-------------------|-----------------|----------------------|-------------------|
| Playa Escobilla  | 263.130953        | Amortiguamiento | Río Cozoaltepec      | 71.599314         |
|                  |                   |                 | Campamento Escobilla | 1.634707          |
|                  |                   |                 | Escobilla            | 10.307879         |
|                  |                   |                 | Laguna Verde 1       | 16.137561         |
|                  |                   |                 | Laguna Verde 2       | 1.450226          |
|                  |                   |                 | Barra Tonameca       | 5.347908          |
|                  |                   |                 | <b>Subtotal</b>      | <b>106.477595</b> |
|                  |                   | Núcleo          | Escobilla            | 156.653358        |
|                  |                   |                 | <b>Subtotal</b>      | <b>156.653358</b> |
| <b>Total</b>     | <b>263.130953</b> |                 | <b>Total</b>         | <b>263.130953</b> |



### “Playa Puerto Arista”

El Santuario conocido como Playa Puerto Arista, de acuerdo con el Marco Geoestadístico diciembre de 2021 del Instituto Nacional de Estadística y Geografía, se localiza en el municipio de Tonalá, en el estado de Chiapas, con una superficie total de 726-53-32.11 hectáreas (SETECIENTAS VEINTISÉIS HECTÁREAS, CINCUENTA Y TRES ÁREAS, TREINTA Y DOS PUNTO ONCE CENTIÁREAS). En el área se ubican tres zonas de amortiguamiento con una superficie de 555-22-62.99 hectáreas (QUINIENTAS CINCUENTA Y CINCO HECTÁREAS, VEINTIDÓS ÁREAS, SESENTA Y DOS PUNTO NOVENTA Y NUEVE CENTIÁREAS) y dos zonas núcleo con una superficie de 171-30-69.12 hectáreas (CIENTO SETENTA Y UNA HECTÁREAS, TREINTA ÁREAS, SESENTA Y NUEVE PUNTO DOCE CENTIÁREAS).

La descripción limítrofe de los polígonos que se señalan a continuación y que conforman el Santuario Playa Puerto Arista, se encuentran en un sistema de coordenadas proyectadas en Universal Transversa de Mercator (UTM), Zona 15 Norte, con un Elipsoide GRS80 y un Datum Horizontal ITRF08 época 2010.0

### Polígono General

(Superficie 726-53-32.11 hectáreas)

| Est-PV | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|--------|-------------|-----------------------|-----------------|-----------------|------------------|
|        |             |                       |                 | X               | Y                |
|        |             |                       | 1               | 400,604.411400  | 1,769,222.346100 |
| 1 - 2  | 03°38'09"SW | 8.49                  | 2               | 400,603.872900  | 1,769,213.871700 |
| 2 - 3  | 15°43'52"SE | 22.48                 | 3               | 400,609.966600  | 1,769,192.237800 |
| 3 - 4  | 40°25'09"SE | 45.59                 | 4               | 400,639.525400  | 1,769,157.529900 |
| 4 - 5  | 81°49'46"SE | 8.44                  | 5               | 400,647.882000  | 1,769,156.330100 |
| 5 - 6  | 36°12'20"SE | 16.32                 | 6               | 400,657.524500  | 1,769,143.158100 |
| 6 - 7  | 01°31'33"SE | 11.02                 | 7               | 400,657.818000  | 1,769,132.141300 |
| 7 - 8  | 51°45'09"SE | 22.06                 | 8               | 400,675.144600  | 1,769,118.483400 |

| Est-PV  | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|---------|-------------|-----------------------|-----------------|-----------------|------------------|
|         |             |                       |                 | X               | Y                |
| 8 - 9   | 41°16'47"SE | 55.21                 | 9               | 400,711.565600  | 1,769,076.996900 |
| 9 - 10  | 30°21'26"SE | 31.86                 | 10              | 400,727.668800  | 1,769,049.502800 |
| 10 - 11 | 41°26'18"SE | 38.73                 | 11              | 400,753.298500  | 1,769,020.470800 |
| 11 - 12 | 34°13'09"SE | 65.09                 | 12              | 400,789.903900  | 1,768,966.646800 |
| 12 - 13 | 71°50'03"SE | 1,183.39              | 13              | 401,914.316800  | 1,768,597.703500 |
| 13 - 14 | 22°25'13"SE | 364.85                | 14              | 402,053.470400  | 1,768,260.432800 |
| 14 - 15 | 04°23'55"SW | 92.25                 | 15              | 402,046.394800  | 1,768,168.449900 |
| 15 - 16 | 51°39'16"SE | 128.76                | 16              | 402,147.380400  | 1,768,088.566300 |
| 16 - 17 | 41°43'08"SE | 294.21                | 17              | 402,343.172400  | 1,767,868.961700 |
| 17 - 18 | 25°40'40"SW | 489.10                | 18              | 402,131.240800  | 1,767,428.165000 |
| 18 - 19 | 40°14'09"SE | 13.52                 | 19              | 402,139.972000  | 1,767,417.846200 |
| 19 - 20 | 68°23'06"SE | 45.25                 | 20              | 402,182.040900  | 1,767,401.177400 |
| 20 - 21 | 63°26'05"SE | 37.27                 | 21              | 402,215.378400  | 1,767,384.508600 |
| 21 - 22 | 74°49'37"SE | 48.52                 | 22              | 402,262.209800  | 1,767,371.808600 |
| 22 - 23 | 80°10'50"SE | 41.89                 | 23              | 402,303.484900  | 1,767,364.664900 |
| 23 - 24 | 67°37'11"SE | 43.78                 | 24              | 402,343.966200  | 1,767,347.996100 |
| 24 - 25 | 71°13'19"SE | 41.92                 | 25              | 402,383.653800  | 1,767,334.502300 |
| 25 - 26 | 58°31'03"NE | 14.48                 | 26              | 402,395.998900  | 1,767,342.062200 |
| 26 - 27 | 62°20'44"SE | 289.37                | 27              | 402,652.309900  | 1,767,207.757000 |
| 27 - 28 | 72°14'28"SE | 65.24                 | 28              | 402,714.440400  | 1,767,187.858300 |
| 28 - 29 | 55°06'50"NE | 17.56                 | 29              | 402,728.843700  | 1,767,197.900900 |
| 29 - 30 | 14°54'05"SE | 16.02                 | 30              | 402,732.962200  | 1,767,182.424100 |
| 30 - 31 | 58°05'36"SE | 55.52                 | 31              | 402,780.093200  | 1,767,153.080100 |
| 31 - 32 | 47°44'09"SE | 25.76                 | 32              | 402,799.159800  | 1,767,135.752700 |
| 32 - 33 | 77°33'09"SE | 14.08                 | 33              | 402,812.906000  | 1,767,132.718500 |
| 33 - 34 | 36°14'56"NE | 8.18                  | 34              | 402,817.740600  | 1,767,139.312300 |
| 34 - 35 | 70°12'07"SE | 12.40                 | 35              | 402,829.404900  | 1,767,135.113400 |
| 35 - 36 | 83°10'28"NE | 6.73                  | 36              | 402,836.084500  | 1,767,135.912900 |
| 36 - 37 | 31°22'38"NE | 14.53                 | 37              | 402,843.650500  | 1,767,148.319000 |
| 37 - 38 | 19°50'30"SE | 19.43                 | 38              | 402,850.244900  | 1,767,130.044200 |
| 38 - 39 | 68°03'55"SE | 31.43                 | 39              | 402,879.400300  | 1,767,118.303300 |
| 39 - 40 | 78°26'21"NE | 16.20                 | 40              | 402,895.270300  | 1,767,121.549600 |
| 40 - 41 | 54°55'14"SE | 10.17                 | 41              | 402,903.589600  | 1,767,115.707200 |
| 41 - 42 | 32°38'41"SE | 13.83                 | 42              | 402,911.048900  | 1,767,104.063500 |
| 42 - 43 | 60°32'21"SE | 15.30                 | 43              | 402,924.367900  | 1,767,096.540000 |
| 43 - 44 | 73°26'58"SE | 29.56                 | 44              | 402,952.703300  | 1,767,088.119600 |
| 44 - 45 | 66°25'24"SE | 112.70                | 45              | 403,055.998500  | 1,767,043.041400 |
| 45 - 46 | 74°56'43"SE | 48.89                 | 46              | 403,103.207300  | 1,767,030.343600 |
| 46 - 47 | 60°09'10"SE | 14.45                 | 47              | 403,115.739800  | 1,767,023.152500 |
| 47 - 48 | 86°27'45"SE | 31.16                 | 48              | 403,146.840500  | 1,767,021.229900 |
| 48 - 49 | 52°36'39"SE | 43.66                 | 49              | 403,181.526300  | 1,766,994.721100 |
| 49 - 50 | 89°44'40"SE | 13.16                 | 50              | 403,194.687700  | 1,766,994.662400 |
| 50 - 51 | 55°33'19"SE | 57.13                 | 51              | 403,241.801100  | 1,766,962.349200 |
| 51 - 52 | 87°09'23"SE | 13.18                 | 52              | 403,254.959900  | 1,766,961.695600 |
| 52 - 53 | 52°16'05"SE | 26.39                 | 53              | 403,275.828900  | 1,766,945.547700 |
| 53 - 54 | 74°03'17"SE | 57.17                 | 54              | 403,330.800800  | 1,766,929.841800 |
| 54 - 55 | 74°27'24"NE | 27.86                 | 55              | 403,357.643900  | 1,766,937.307900 |
| 55 - 56 | 66°17'55"SE | 35.86                 | 56              | 403,390.483600  | 1,766,922.891500 |
| 56 - 57 | 03°20'42"SE | 9.53                  | 57              | 403,391.039800  | 1,766,913.375500 |
| 57 - 58 | 49°19'02"SE | 16.50                 | 58              | 403,403.555600  | 1,766,902.616800 |
| 58 - 59 | 64°58'27"SE | 36.90                 | 59              | 403,436.988400  | 1,766,887.008600 |
| 59 - 60 | 77°36'20"NE | 19.01                 | 60              | 403,455.552100  | 1,766,891.088200 |
| 60 - 61 | 26°17'53"SW | 23.16                 | 61              | 403,445.290200  | 1,766,870.323100 |
| 61 - 62 | 38°34'38"SE | 15.27                 | 62              | 403,454.809600  | 1,766,858.388700 |
| 62 - 63 | 79°36'02"SE | 30.39                 | 63              | 403,484.698900  | 1,766,852.903400 |
| 63 - 64 | 41°01'46"NE | 10.99                 | 64              | 403,491.914600  | 1,766,861.195500 |
| 64 - 65 | 89°07'00"NE | 29.92                 | 65              | 403,521.829500  | 1,766,861.656700 |
| 65 - 66 | 26°27'07"SE | 13.31                 | 66              | 403,527.759200  | 1,766,849.738600 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 66 - 67   | 65°06'14"SE | 34.22                 | 67              | 403,558.803600  | 1,766,835.331000 |
| 67 - 68   | 43°38'58"SE | 18.98                 | 68              | 403,571.906300  | 1,766,821.595600 |
| 68 - 69   | 70°41'56"SE | 27.36                 | 69              | 403,597.730100  | 1,766,812.551700 |
| 69 - 70   | 17°11'44"SE | 13.49                 | 70              | 403,601.719000  | 1,766,799.662200 |
| 70 - 71   | 56°31'03"SE | 42.57                 | 71              | 403,637.228600  | 1,766,776.174700 |
| 71 - 72   | 40°01'12"SE | 20.03                 | 72              | 403,650.110900  | 1,766,760.833200 |
| 72 - 73   | 64°40'58"SE | 15.19                 | 73              | 403,663.842300  | 1,766,754.337400 |
| 73 - 74   | 65°36'36"NE | 11.58                 | 74              | 403,674.386300  | 1,766,759.118100 |
| 74 - 75   | 30°09'18"SE | 11.19                 | 75              | 403,680.009000  | 1,766,749.439900 |
| 75 - 76   | 62°07'53"SE | 17.36                 | 76              | 403,695.351700  | 1,766,741.327200 |
| 76 - 77   | 81°46'31"NE | 16.37                 | 77              | 403,711.550500  | 1,766,743.668600 |
| 77 - 78   | 59°26'45"NE | 23.56                 | 78              | 403,731.839200  | 1,766,755.645400 |
| 78 - 79   | 67°29'17"SE | 14.87                 | 79              | 403,745.573800  | 1,766,749.953000 |
| 79 - 80   | 00°15'17"SW | 12.07                 | 80              | 403,745.520100  | 1,766,737.886200 |
| 80 - 81   | 42°42'07"SW | 11.99                 | 81              | 403,737.386800  | 1,766,729.072900 |
| 81 - 82   | 05°29'24"SE | 8.09                  | 82              | 403,738.160400  | 1,766,721.024300 |
| 82 - 83   | 38°34'27"SE | 10.33                 | 83              | 403,744.600000  | 1,766,712.950100 |
| 83 - 84   | 55°49'27"NE | 28.46                 | 84              | 403,768.143900  | 1,766,728.935900 |
| 84 - 85   | 74°34'40"SE | 18.45                 | 85              | 403,785.929300  | 1,766,724.029600 |
| 85 - 86   | 53°02'33"SE | 12.12                 | 86              | 403,795.610200  | 1,766,716.745800 |
| 86 - 87   | 87°40'00"NE | 17.82                 | 87              | 403,813.420200  | 1,766,717.471500 |
| 87 - 88   | 65°26'03"SE | 19.54                 | 88              | 403,831.190900  | 1,766,709.348300 |
| 88 - 89   | 32°55'48"SE | 19.23                 | 89              | 403,841.642000  | 1,766,693.212000 |
| 89 - 90   | 84°04'10"SE | 8.13                  | 90              | 403,849.732400  | 1,766,692.371600 |
| 90 - 91   | 52°15'57"NE | 14.38                 | 91              | 403,861.102800  | 1,766,701.170400 |
| 91 - 92   | 85°05'19"NE | 26.82                 | 92              | 403,887.822000  | 1,766,703.466300 |
| 92 - 93   | 43°58'55"SE | 34.81                 | 93              | 403,911.992300  | 1,766,678.421600 |
| 93 - 94   | 85°22'17"SE | 10.55                 | 94              | 403,922.511000  | 1,766,677.570000 |
| 94 - 95   | 35°16'30"SE | 30.64                 | 95              | 403,940.208400  | 1,766,652.552000 |
| 95 - 96   | 51°45'26"SE | 14.38                 | 96              | 403,951.502200  | 1,766,643.651000 |
| 96 - 97   | 25°23'48"NE | 13.33                 | 97              | 403,957.219800  | 1,766,655.694000 |
| 97 - 98   | 82°21'24"SE | 18.77                 | 98              | 403,975.825500  | 1,766,653.197200 |
| 98 - 99   | 16°17'03"SW | 17.58                 | 99              | 403,970.896400  | 1,766,636.323700 |
| 99 - 100  | 53°13'00"SE | 22.75                 | 100             | 403,989.116200  | 1,766,622.701900 |
| 100 - 101 | 20°42'49"SE | 18.09                 | 101             | 403,995.515400  | 1,766,605.779300 |
| 101 - 102 | 60°32'32"SE | 14.84                 | 102             | 404,008.433900  | 1,766,598.483000 |
| 102 - 103 | 73°25'10"SE | 80.12                 | 103             | 404,085.226300  | 1,766,575.618700 |
| 103 - 104 | 84°14'58"SE | 25.21                 | 104             | 404,110.306900  | 1,766,573.093000 |
| 104 - 105 | 52°13'09"SE | 22.45                 | 105             | 404,128.052800  | 1,766,559.337400 |
| 105 - 106 | 89°44'42"SE | 15.38                 | 106             | 404,143.431300  | 1,766,559.269000 |
| 106 - 107 | 60°26'09"SE | 100.25                | 107             | 404,230.630000  | 1,766,509.805400 |
| 107 - 108 | 82°26'13"SE | 25.30                 | 108             | 404,255.707200  | 1,766,506.475900 |
| 108 - 109 | 47°49'51"SE | 33.72                 | 109             | 404,280.698900  | 1,766,483.839500 |
| 109 - 110 | 70°53'06"SE | 27.37                 | 110             | 404,306.559200  | 1,766,474.877000 |
| 110 - 111 | 52°09'38"NE | 21.10                 | 111             | 404,323.225400  | 1,766,487.823000 |
| 111 - 112 | 85°26'35"SE | 22.06                 | 112             | 404,345.217600  | 1,766,486.070200 |
| 112 - 113 | 00°46'35"SW | 20.03                 | 113             | 404,344.946200  | 1,766,466.046000 |
| 113 - 114 | 72°29'42"SE | 16.23                 | 114             | 404,360.428300  | 1,766,461.163100 |
| 114 - 115 | 49°56'46"NE | 19.14                 | 115             | 404,375.075100  | 1,766,473.476700 |
| 115 - 116 | 39°16'26"SE | 22.93                 | 116             | 404,389.589800  | 1,766,455.726800 |
| 116 - 117 | 77°00'57"SE | 24.08                 | 117             | 404,413.056600  | 1,766,450.315900 |
| 117 - 118 | 40°41'07"SE | 27.16                 | 118             | 404,430.761800  | 1,766,429.721100 |
| 118 - 119 | 72°59'01"SE | 29.05                 | 119             | 404,458.535700  | 1,766,421.221200 |
| 119 - 120 | 45°22'10"SE | 29.59                 | 120             | 404,479.591700  | 1,766,400.435200 |
| 120 - 121 | 83°57'11"NE | 18.75                 | 121             | 404,498.232900  | 1,766,402.409900 |
| 121 - 122 | 41°54'18"SE | 9.25                  | 122             | 404,504.413100  | 1,766,395.523200 |
| 122 - 123 | 15°21'32"SE | 12.82                 | 123             | 404,507.808600  | 1,766,383.161500 |
| 123 - 124 | 66°02'13"SE | 32.41                 | 124             | 404,537.423600  | 1,766,369.999000 |
| 124 - 125 | 79°00'34"NE | 10.55                 | 125             | 404,547.783700  | 1,766,372.011000 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 125 - 126 | 37°39'44"SE | 26.95                 | 126             | 404,564.250900  | 1,766,350.675900 |
| 126 - 127 | 57°25'53"SE | 8.98                  | 127             | 404,571.820500  | 1,766,345.840800 |
| 127 - 128 | 18°20'43"SW | 41.90                 | 128             | 404,558.634000  | 1,766,306.074300 |
| 128 - 129 | 65°19'23"SE | 36.27                 | 129             | 404,591.590000  | 1,766,290.932300 |
| 129 - 130 | 89°47'40"SE | 8.48                  | 130             | 404,600.067300  | 1,766,290.901900 |
| 130 - 131 | 76°47'23"NE | 22.89                 | 131             | 404,622.349100  | 1,766,296.132200 |
| 131 - 132 | 47°21'35"SE | 30.17                 | 132             | 404,644.540900  | 1,766,275.697000 |
| 132 - 133 | 39°00'14"SE | 19.36                 | 133             | 404,656.725000  | 1,766,260.653000 |
| 133 - 134 | 62°54'00"SE | 28.83                 | 134             | 404,682.387400  | 1,766,247.521000 |
| 134 - 135 | 65°28'27"SE | 11.29                 | 135             | 404,692.655100  | 1,766,242.836200 |
| 135 - 136 | 31°58'09"NE | 49.49                 | 136             | 404,718.858900  | 1,766,284.821100 |
| 136 - 137 | 66°27'33"SE | 86.37                 | 137             | 404,798.043400  | 1,766,250.323600 |
| 137 - 138 | 85°10'53"NE | 33.84                 | 138             | 404,831.766400  | 1,766,253.166400 |
| 138 - 139 | 65°53'03"SE | 34.99                 | 139             | 404,863.703800  | 1,766,238.869700 |
| 139 - 140 | 60°32'08"SE | 114.90                | 140             | 404,963.739000  | 1,766,182.354600 |
| 140 - 141 | 86°55'13"SE | 17.89                 | 141             | 404,981.607000  | 1,766,181.393300 |
| 141 - 142 | 57°49'25"NE | 29.92                 | 142             | 405,006.931400  | 1,766,197.326300 |
| 142 - 143 | 89°04'30"SE | 18.62                 | 143             | 405,025.551400  | 1,766,197.025700 |
| 143 - 144 | 62°04'43"SE | 24.53                 | 144             | 405,047.227200  | 1,766,185.538600 |
| 144 - 145 | 37°22'28"SE | 16.48                 | 145             | 405,057.231100  | 1,766,172.442000 |
| 145 - 146 | 75°26'14"SE | 17.89                 | 146             | 405,074.549000  | 1,766,167.943100 |
| 146 - 147 | 83°30'23"NE | 22.63                 | 147             | 405,097.033800  | 1,766,170.502300 |
| 147 - 148 | 86°35'26"SE | 26.05                 | 148             | 405,123.032800  | 1,766,168.953400 |
| 148 - 149 | 67°49'36"SE | 78.79                 | 149             | 405,196.000000  | 1,766,139.215900 |
| 149 - 150 | 49°54'08"SE | 33.32                 | 150             | 405,221.486200  | 1,766,117.756400 |
| 150 - 151 | 76°13'42"SE | 68.57                 | 151             | 405,288.089600  | 1,766,101.432200 |
| 151 - 152 | 55°38'07"SE | 100.19                | 152             | 405,370.789100  | 1,766,044.882000 |
| 152 - 153 | 87°00'14"SE | 18.43                 | 153             | 405,389.192400  | 1,766,043.918800 |
| 153 - 154 | 65°31'31"SE | 66.31                 | 154             | 405,449.541700  | 1,766,016.448300 |
| 154 - 155 | 62°48'57"SE | 143.82                | 155             | 405,577.472400  | 1,765,950.746300 |
| 155 - 156 | 59°20'21"SE | 82.15                 | 156             | 405,648.142000  | 1,765,908.851100 |
| 156 - 157 | 50°10'03"SE | 36.11                 | 157             | 405,675.869200  | 1,765,885.723200 |
| 157 - 158 | 62°51'05"SE | 26.40                 | 158             | 405,699.362600  | 1,765,873.676000 |
| 158 - 159 | 70°24'46"SE | 24.05                 | 159             | 405,722.016800  | 1,765,865.615000 |
| 159 - 160 | 52°47'40"SE | 16.74                 | 160             | 405,735.351400  | 1,765,855.491500 |
| 160 - 161 | 77°09'47"SE | 38.05                 | 161             | 405,772.451600  | 1,765,847.037500 |
| 161 - 162 | 66°10'22"SE | 85.71                 | 162             | 405,850.858100  | 1,765,812.411700 |
| 162 - 163 | 78°14'57"SE | 28.83                 | 163             | 405,879.086600  | 1,765,806.539800 |
| 163 - 164 | 50°18'44"SE | 67.91                 | 164             | 405,931.343500  | 1,765,763.174500 |
| 164 - 165 | 81°38'37"SE | 25.08                 | 165             | 405,956.156800  | 1,765,759.529700 |
| 165 - 166 | 65°34'37"SE | 89.39                 | 166             | 406,037.550600  | 1,765,722.568800 |
| 166 - 167 | 60°59'17"SE | 52.87                 | 167             | 406,083.782400  | 1,765,696.929600 |
| 167 - 168 | 45°50'10"SE | 23.92                 | 168             | 406,100.942500  | 1,765,680.263200 |
| 168 - 169 | 64°50'29"SE | 39.65                 | 169             | 406,136.830500  | 1,765,663.407300 |
| 169 - 170 | 52°26'42"SE | 29.20                 | 170             | 406,159.979100  | 1,765,645.609500 |
| 170 - 171 | 11°16'12"SE | 12.87                 | 171             | 406,162.494400  | 1,765,632.987400 |
| 171 - 172 | 65°34'01"SE | 27.81                 | 172             | 406,187.810000  | 1,765,621.486200 |
| 172 - 173 | 86°43'37"NE | 54.15                 | 173             | 406,241.868600  | 1,765,624.577600 |
| 173 - 174 | 66°36'11"SE | 86.37                 | 174             | 406,321.134100  | 1,765,590.281700 |
| 174 - 175 | 54°39'41"SE | 33.09                 | 175             | 406,348.130000  | 1,765,571.140400 |
| 175 - 176 | 68°17'12"SE | 38.99                 | 176             | 406,384.349600  | 1,765,556.717300 |
| 176 - 177 | 58°44'19"SE | 32.84                 | 177             | 406,412.424600  | 1,765,539.673500 |
| 177 - 178 | 51°44'47"SE | 44.01                 | 178             | 406,446.985200  | 1,765,512.424700 |
| 178 - 179 | 73°44'46"SE | 45.32                 | 179             | 406,490.489700  | 1,765,499.741300 |
| 179 - 180 | 60°29'24"SE | 37.79                 | 180             | 406,523.374300  | 1,765,481.128700 |
| 180 - 181 | 66°52'14"SE | 79.92                 | 181             | 406,596.873600  | 1,765,449.734300 |
| 181 - 182 | 59°49'18"SE | 51.87                 | 182             | 406,641.713500  | 1,765,423.659700 |
| 182 - 183 | 70°10'54"SE | 67.02                 | 183             | 406,704.761300  | 1,765,400.938500 |
| 183 - 184 | 52°18'31"SE | 71.31                 | 184             | 406,761.193500  | 1,765,357.336600 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 184 - 185 | 58°45'19"SE | 69.80                 | 185             | 406,820.867500  | 1,765,321.133300 |
| 185 - 186 | 88°59'34"NE | 20.34                 | 186             | 406,841.203200  | 1,765,321.490800 |
| 186 - 187 | 76°46'04"SE | 24.60                 | 187             | 406,865.152700  | 1,765,315.859300 |
| 187 - 188 | 50°08'26"SE | 31.40                 | 188             | 406,889.255700  | 1,765,295.735200 |
| 188 - 189 | 62°08'48"SE | 189.50                | 189             | 407,056.804600  | 1,765,207.198200 |
| 189 - 190 | 55°05'47"SE | 37.34                 | 190             | 407,087.431100  | 1,765,185.830200 |
| 190 - 191 | 63°49'54"SE | 96.39                 | 191             | 407,173.942600  | 1,765,143.320900 |
| 191 - 192 | 81°32'52"SE | 24.01                 | 192             | 407,197.687000  | 1,765,139.792600 |
| 192 - 193 | 40°58'49"SE | 18.68                 | 193             | 407,209.936000  | 1,765,125.692000 |
| 193 - 194 | 55°57'39"SE | 38.38                 | 194             | 407,241.739500  | 1,765,104.208700 |
| 194 - 195 | 79°26'20"SE | 72.23                 | 195             | 407,312.747900  | 1,765,090.970000 |
| 195 - 196 | 46°38'54"SE | 43.54                 | 196             | 407,344.409600  | 1,765,061.079800 |
| 196 - 197 | 80°12'00"SE | 14.65                 | 197             | 407,358.847300  | 1,765,058.586000 |
| 197 - 198 | 75°07'54"NE | 17.40                 | 198             | 407,375.668600  | 1,765,063.051800 |
| 198 - 199 | 84°41'37"SE | 36.32                 | 199             | 407,411.828500  | 1,765,059.693400 |
| 199 - 200 | 61°53'45"SE | 21.06                 | 200             | 407,430.409400  | 1,765,049.770500 |
| 200 - 201 | 41°11'33"SE | 25.23                 | 201             | 407,447.026200  | 1,765,030.784300 |
| 201 - 202 | 33°19'59"SE | 38.90                 | 202             | 407,468.403100  | 1,764,998.282000 |
| 202 - 203 | 62°30'20"SE | 112.81                | 203             | 407,568.468300  | 1,764,946.204200 |
| 203 - 204 | 59°08'39"SE | 78.85                 | 204             | 407,636.153900  | 1,764,905.766200 |
| 204 - 205 | 64°11'04"SE | 107.62                | 205             | 407,733.030800  | 1,764,858.901900 |
| 205 - 206 | 54°31'41"SE | 47.17                 | 206             | 407,771.446300  | 1,764,831.528800 |
| 206 - 207 | 74°37'14"SE | 25.83                 | 207             | 407,796.354600  | 1,764,824.677600 |
| 207 - 208 | 65°34'10"SE | 38.60                 | 208             | 407,831.499700  | 1,764,808.712600 |
| 208 - 209 | 54°18'55"SE | 19.84                 | 209             | 407,847.612500  | 1,764,797.140900 |
| 209 - 210 | 69°00'31"SE | 80.23                 | 210             | 407,922.518000  | 1,764,768.400400 |
| 210 - 211 | 60°01'57"SE | 80.97                 | 211             | 407,992.666300  | 1,764,727.953400 |
| 211 - 212 | 54°29'06"SE | 88.49                 | 212             | 408,064.696100  | 1,764,676.546800 |
| 212 - 213 | 44°37'01"SE | 44.01                 | 213             | 408,095.604300  | 1,764,645.222700 |
| 213 - 214 | 56°49'08"SE | 24.61                 | 214             | 408,116.204600  | 1,764,631.752000 |
| 214 - 215 | 63°46'06"SE | 35.84                 | 215             | 408,148.354000  | 1,764,615.910600 |
| 215 - 216 | 73°43'39"SE | 20.82                 | 216             | 408,168.343700  | 1,764,610.075700 |
| 216 - 217 | 61°59'13"SE | 75.72                 | 217             | 408,235.195200  | 1,764,574.510700 |
| 217 - 218 | 76°33'22"SE | 22.76                 | 218             | 408,257.327700  | 1,764,569.220100 |
| 218 - 219 | 56°26'36"SE | 32.02                 | 219             | 408,284.011300  | 1,764,551.520800 |
| 219 - 220 | 64°40'02"SE | 45.38                 | 220             | 408,325.029300  | 1,764,532.103100 |
| 220 - 221 | 60°41'56"SE | 126.61                | 221             | 408,435.439400  | 1,764,470.141200 |
| 221 - 222 | 53°00'03"SE | 65.06                 | 222             | 408,487.400300  | 1,764,430.987400 |
| 222 - 223 | 69°20'37"SE | 45.34                 | 223             | 408,529.824100  | 1,764,414.993800 |
| 223 - 224 | 57°07'21"SE | 18.05                 | 224             | 408,544.981600  | 1,764,405.196500 |
| 224 - 225 | 72°02'32"SE | 69.77                 | 225             | 408,611.356700  | 1,764,383.684200 |
| 225 - 226 | 58°10'24"SE | 85.31                 | 226             | 408,683.843400  | 1,764,338.694200 |
| 226 - 227 | 66°58'51"SE | 29.14                 | 227             | 408,710.660400  | 1,764,327.300600 |
| 227 - 228 | 60°13'41"SE | 40.84                 | 228             | 408,746.110200  | 1,764,307.021500 |
| 228 - 229 | 68°52'53"SE | 17.07                 | 229             | 408,762.032000  | 1,764,300.871900 |
| 229 - 230 | 84°10'52"SE | 15.92                 | 230             | 408,777.865400  | 1,764,299.258400 |
| 230 - 231 | 61°47'06"SE | 34.66                 | 231             | 408,808.408000  | 1,764,282.871400 |
| 231 - 232 | 46°37'55"SE | 29.77                 | 232             | 408,830.050800  | 1,764,262.427700 |
| 232 - 233 | 58°37'20"SE | 16.26                 | 233             | 408,843.929700  | 1,764,253.963400 |
| 233 - 234 | 67°41'10"SE | 39.73                 | 234             | 408,880.685300  | 1,764,238.878600 |
| 234 - 235 | 56°40'01"SE | 36.67                 | 235             | 408,911.319800  | 1,764,218.730200 |
| 235 - 236 | 66°37'15"SE | 34.34                 | 236             | 408,942.837100  | 1,764,205.105100 |
| 236 - 237 | 53°45'34"SE | 38.76                 | 237             | 408,974.102500  | 1,764,182.188400 |
| 237 - 238 | 69°36'14"SE | 111.05                | 238             | 409,078.189200  | 1,764,143.487200 |
| 238 - 239 | 61°19'52"SE | 84.10                 | 239             | 409,151.980700  | 1,764,103.139900 |
| 239 - 240 | 65°20'30"SE | 82.40                 | 240             | 409,226.867100  | 1,764,068.762200 |
| 240 - 241 | 60°11'42"SE | 47.75                 | 241             | 409,268.297300  | 1,764,045.030200 |
| 241 - 242 | 49°06'51"SE | 18.34                 | 242             | 409,282.162100  | 1,764,033.026200 |
| 242 - 243 | 64°17'59"SE | 24.18                 | 243             | 409,303.953100  | 1,764,022.538800 |

| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 243 - 244 | 50°31'52"SE | 25.01                 | 244             | 409,323.260500  | 1,764,006.640700 |
| 244 - 245 | 67°01'35"SE | 29.48                 | 245             | 409,350.398900  | 1,763,995.135900 |
| 245 - 246 | 55°28'33"SE | 31.22                 | 246             | 409,376.120700  | 1,763,977.441900 |
| 246 - 247 | 41°18'06"SE | 22.76                 | 247             | 409,391.142200  | 1,763,960.344400 |
| 247 - 248 | 58°14'03"SE | 35.54                 | 248             | 409,421.355200  | 1,763,941.636600 |
| 248 - 249 | 73°32'01"SE | 23.74                 | 249             | 409,444.124900  | 1,763,934.906500 |
| 249 - 250 | 58°06'56"SE | 97.82                 | 250             | 409,527.183300  | 1,763,883.239000 |
| 250 - 251 | 64°20'54"SE | 67.78                 | 251             | 409,588.284600  | 1,763,853.896700 |
| 251 - 252 | 49°07'52"SE | 23.27                 | 252             | 409,605.882700  | 1,763,838.669600 |
| 252 - 253 | 72°07'31"SE | 45.26                 | 253             | 409,648.958900  | 1,763,824.777500 |
| 253 - 254 | 62°32'02"SE | 87.99                 | 254             | 409,727.032700  | 1,763,784.193600 |
| 254 - 255 | 69°22'29"SE | 70.79                 | 255             | 409,793.289700  | 1,763,759.256000 |
| 255 - 256 | 59°10'21"SE | 27.60                 | 256             | 409,816.993000  | 1,763,745.110700 |
| 256 - 257 | 30°51'02"SE | 16.79                 | 257             | 409,825.604100  | 1,763,730.694500 |
| 257 - 258 | 51°48'21"SE | 34.89                 | 258             | 409,853.023400  | 1,763,709.122200 |
| 258 - 259 | 88°54'02"NE | 9.53                  | 259             | 409,862.549700  | 1,763,709.305000 |
| 259 - 260 | 71°31'09"SE | 18.37                 | 260             | 409,879.971900  | 1,763,703.482100 |
| 260 - 261 | 57°47'26"SE | 118.86                | 261             | 409,980.537800  | 1,763,640.129900 |
| 261 - 262 | 64°13'32"SE | 55.16                 | 262             | 410,030.209800  | 1,763,616.145000 |
| 262 - 263 | 59°37'35"SE | 55.08                 | 263             | 410,077.725700  | 1,763,588.297000 |
| 263 - 264 | 71°45'21"SE | 20.03                 | 264             | 410,096.751800  | 1,763,582.025300 |
| 264 - 265 | 61°09'16"SE | 89.86                 | 265             | 410,175.458100  | 1,763,538.674800 |
| 265 - 266 | 73°23'51"SE | 53.77                 | 266             | 410,226.984800  | 1,763,523.311700 |
| 266 - 267 | 48°43'59"SE | 24.26                 | 267             | 410,245.222500  | 1,763,507.308200 |
| 267 - 268 | 60°56'22"SE | 20.65                 | 268             | 410,263.270200  | 1,763,497.279300 |
| 268 - 269 | 70°51'59"SE | 37.22                 | 269             | 410,298.434100  | 1,763,485.079700 |
| 269 - 270 | 55°53'03"SE | 117.07                | 270             | 410,395.353800  | 1,763,419.421100 |
| 270 - 271 | 65°54'17"SE | 61.80                 | 271             | 410,451.764600  | 1,763,394.193200 |
| 271 - 272 | 79°55'34"SE | 14.88                 | 272             | 410,466.417400  | 1,763,391.590100 |
| 272 - 273 | 43°14'42"SE | 7.62                  | 273             | 410,471.639600  | 1,763,386.037800 |
| 273 - 274 | 67°43'35"SE | 33.60                 | 274             | 410,502.734400  | 1,763,373.301700 |
| 274 - 275 | 52°09'42"SE | 64.72                 | 275             | 410,553.842900  | 1,763,333.603400 |
| 275 - 276 | 63°24'58"SE | 34.64                 | 276             | 410,584.819700  | 1,763,318.102300 |
| 276 - 277 | 53°39'58"SE | 91.80                 | 277             | 410,658.774400  | 1,763,263.710200 |
| 277 - 278 | 60°20'14"SE | 49.53                 | 278             | 410,701.809800  | 1,763,239.200300 |
| 278 - 279 | 67°00'37"SE | 43.18                 | 279             | 410,741.558000  | 1,763,222.336800 |
| 279 - 280 | 56°30'14"SE | 21.38                 | 280             | 410,759.385000  | 1,763,210.539200 |
| 280 - 281 | 43°20'28"SE | 27.33                 | 281             | 410,778.143100  | 1,763,190.662200 |
| 281 - 282 | 77°46'24"SE | 11.71                 | 282             | 410,789.585500  | 1,763,188.182700 |
| 282 - 283 | 89°28'43"SE | 65.08                 | 283             | 410,854.658300  | 1,763,187.590800 |
| 283 - 284 | 68°24'00"SE | 151.48                | 284             | 410,995.503200  | 1,763,131.826500 |
| 284 - 285 | 75°41'47"SE | 44.58                 | 285             | 411,038.700100  | 1,763,120.812900 |
| 285 - 286 | 63°13'46"SE | 96.55                 | 286             | 411,124.901500  | 1,763,077.325500 |
| 286 - 287 | 27°27'40"SW | 112.97                | 287             | 411,072.805700  | 1,762,977.085000 |
| 287 - 288 | 07°34'44"SW | 5.39                  | 288             | 411,072.095200  | 1,762,971.745100 |
| 288 - 289 | 58°57'34"SE | 29.09                 | 289             | 411,097.021100  | 1,762,956.744100 |
| 289 - 290 | 63°03'27"SE | 128.21                | 290             | 411,211.314700  | 1,762,898.653300 |
| 290 - 291 | 57°25'05"SE | 3.58                  | 291             | 411,214.329200  | 1,762,896.726800 |
| 291 - 292 | 39°21'16"NE | 91.62                 | 292             | 411,272.428000  | 1,762,967.572100 |
| 292 - 293 | 29°30'02"SE | 41.59                 | 293             | 411,292.906800  | 1,762,931.377000 |
| 293 - 294 | 35°51'38"SW | 60.44                 | 294             | 411,257.498900  | 1,762,882.392200 |
| 294 - 295 | 73°42'53"SE | 4.67                  | 295             | 411,261.978300  | 1,762,881.083600 |
| 295 - 296 | 51°39'13"SE | 63.26                 | 296             | 411,311.592600  | 1,762,841.835600 |
| 296 - 297 | 41°21'48"SE | 35.80                 | 297             | 411,335.247200  | 1,762,814.970300 |
| 297 - 298 | 67°11'56"SE | 83.57                 | 298             | 411,412.289600  | 1,762,782.583000 |
| 298 - 299 | 53°56'25"SE | 19.27                 | 299             | 411,427.871400  | 1,762,771.237400 |
| 299 - 300 | 71°41'48"SE | 47.06                 | 300             | 411,472.552700  | 1,762,756.457600 |
| 300 - 301 | 51°55'31"SE | 19.11                 | 301             | 411,487.597600  | 1,762,744.671700 |
| 301 - 302 | 60°13'44"SE | 297.49                | 302             | 411,745.820300  | 1,762,596.960100 |

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| Est-PV    | Rumbo       | Distancia<br>(metros) | Vértice<br>No.- | Coordenadas UTM |                  |
|-----------|-------------|-----------------------|-----------------|-----------------|------------------|
|           |             |                       |                 | X               | Y                |
| 302 - 303 | 19°29'49"SW | 13.95                 | 303             | 411,741.165800  | 1,762,583.814100 |
| 303 - 304 | 56°32'26"SE | 14.33                 | 304             | 411,753.122400  | 1,762,575.912400 |
| 304 - 305 | 80°57'27"NE | 14.42                 | 305             | 411,767.366900  | 1,762,578.179300 |
| 305 - 306 | 17°12'26"SE | 13.22                 | 306             | 411,771.277300  | 1,762,565.552500 |
| 306 - 307 | 37°38'09"SE | 39.93                 | 307             | 411,795.663200  | 1,762,533.927900 |
| 307 - 308 | 54°53'17"SE | 16.44                 | 308             | 411,809.112100  | 1,762,524.471700 |
| 308 - 309 | 86°11'21"SE | 38.93                 | 309             | 411,847.955400  | 1,762,521.884500 |
| 309 - 310 | 39°03'47"SE | 21.30                 | 310             | 411,861.376400  | 1,762,505.348300 |
| 310 - 311 | 65°32'07"SE | 147.67                | 311             | 411,995.784600  | 1,762,444.195500 |
| 311 - 312 | 57°33'30"SE | 214.56                | 312             | 412,176.862700  | 1,762,329.096100 |
| 312 - 313 | 58°36'26"SE | 391.16                | 313             | 412,510.763200  | 1,762,125.341300 |
| 313 - 314 | 60°36'31"SE | 295.54                | 314             | 412,768.260500  | 1,761,980.300200 |
| 314 - 315 | 55°51'03"SE | 273.73                | 315             | 412,994.793700  | 1,761,826.643500 |
| 315 - 316 | 60°39'02"SE | 364.78                | 316             |                 |                  |