

SECRETARIA DE ECONOMIA

TITULO de Asignación Minera del lote Hidalgo.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 131.- NOMBRE DEL LOTE.- HIDALGO.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 131

TITULAR: SERVICIO GEOLOGICO MEXICANO

NOMBRE DEL LOTE: HIDALGO

SUPERFICIE: 100,792,834.6601 Has.

MUNICIPIO Y ESTADO: PALIZADA	CAMPECHE
JIMENEZ, ZARAGOZA, MUZQUIZ, ENTRE OTROS	COAHUILA
REFORMA, JUAREZ, CATAZAJA, ENTRE OTROS	CHIAPAS
PISAFLORES, TLANCHINOL, LOLOTLA, ENTRE OTROS	HIDALGO
HUEYPOXTLA Y APAXCO	MEXICO
ANAHUAC, VALLECILLO, PARRAS, ENTRE OTROS	NUEVO LEON
COSOLAPA, SAN LUCAS OJITLAN, LOMA BONITA, ENTRE OTROS	OAXACA
PANTEPEC, JALPAN, TLACUILOTEPEC, ENTRE OTROS	PUEBLA
JALPAN DE SERRA Y LANDA DE MATAMOROS	QUERETARO
JOSE MARIA MORELOS Y OTHON P. BLANCO	QUINTANA ROO
CIUDAD DEL MAIZ, TAMASOPO, AQUISMON, ENTRE OTROS	SAN LUIS POTOSI
CENTLA, JONUTA, PARAISO, ENTRE OTROS	TABASCO
NUEVO LAREDO, GUERRERO, MIER, ENTRE OTROS	TAMAULIPAS
EL CARMEN TEQUEXQUITLA	TLAXCALA
PANUCO, PUEBLO VIEJO, TAMPICO ALTO, ENTRE OTROS	VERACRUZ
SINANCHE, TELCHAC PUERTO, IXIL, ENTRE OTROS	YUCATAN
CONCEPCION DEL ORO	ZACATECAS

LOCALIZACION DEL LOTE MINERO

PUNTO DE PARTIDA

La mojonera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	Al	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	Al	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	Al	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.:	2,224,808.059 mN	532,122.262 mE
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Coordenadas de los PP de lotes colindantes	X	Y	ZONA	Referencia
	652636.6720	2016585.9970	15	T-224843
	695264.2570	1868181.6310	15	T-219441
	588073.1230	2073735.0780	15	T-227402

727440.5795	1849945.9172	13	E-062/09789
757445.6675	1851159.7491	13	T-204919
767657.8275	1881578.0962	13	E-062/09794
478316.5060	2306858.7580	14	T-224780
462992.0708	2317551.7727	14	T-157676
420744.2150	2651832.4860	14	T-228028
260067.9510	2851426.7150	14	T-213408

PERIMETRO

LINEA AUXILIAR:

COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
ESTE	NORTE	ZONA	LATITUD	LONGITUD	ESTE	NORTE	ZONA	LATITUD	LONGITUD
PP 532.122.2623	2,224,808.0595	13	20° 07' 16.8812" N	98° 41' 33.6796" W	A 1 465,096.009	2,211,326.754	14	19° 59' 58.1203"	99° 20' 01.1971"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1	465,096.009	2,211,326.754	14	19° 59' 58.1203"	99° 20' 01.1971"	42	448,957.894	2,655,875.287	14	24° 00' 55.6264"	99° 30' 06.7729"
2	465,284.908	2,300,977.963	14	20° 48' 34.6356"	99° 20' 00.9593"	43	454,955.841	2,655,842.046	14	24° 00' 55.1999"	99° 26' 34.461"
3	474,310.445	2,300,966.269	14	20° 48' 34.7835"	99° 14' 48.7252"	44	454,906.123	2,646,845.085	14	23° 56' 02.642"	99° 26' 35.2201"
4	474,307.207	2,298,467.257	14	20° 47' 13.4894"	99° 14' 48.705"	45	457,905.138	2,646,828.609	14	23° 56' 02.4021"	99° 24' 49.1288"
5	484,303.257	2,298,454.305	14	20° 47' 13.4686"	99° 09' 02.9458"	46	457,894.089	2,644,829.285	14	23° 54' 57.3886"	99° 24' 49.3126"
6	484,316.208	2,308,450.355	14	20° 52' 38.6453"	99° 09' 02.8214"	47	459,993.380	2,644,817.684	14	23° 54' 57.2063"	99° 23' 35.0596"
7	489,314.233	2,308,443.879	14	20° 52' 38.5628"	99° 06' 09.8382"	48	460,040.864	2,653,414.684	14	23° 59' 36.7604"	99° 23' 34.2266"
8	489,323.299	2,315,441.114	14	20° 56' 26.1848"	99° 06' 09.6793"	49	457,541.707	2,653,428.494	14	23° 59' 36.9758"	99° 25' 02.676"
9	486,324.484	2,315,445.000	14	20° 56' 26.2399"	99° 07' 53.5128"	50	457,574.851	2,659,426.468	14	24° 02' 52.0137"	99° 25' 02.1323"
10	486,341.321	2,328,439.864	14	21° 03' 28.9616"	99° 07' 53.2998"	51	456,075.383	2,659,434.850	14	24° 02' 52.139"	99° 25' 55.2232"
11	476,345.271	2,328,452.816	14	21° 03' 29.0167"	99° 13' 39.6813"	52	456,091.929	2,662,433.742	14	24° 04' 29.6542"	99° 25' 54.9637"
12	476,328.434	2,315,457.951	14	20° 56' 26.2969"	99° 13' 39.6236"	53	449,094.288	2,662,472.411	14	24° 04' 30.156"	99° 30' 02.7767"
13	473,329.619	2,315,461.837	14	20° 56' 26.276"	99° 15' 23.4564"	54	449,074.985	2,658,973.688	14	24° 02' 36.3886"	99° 30' 03.0187"
14	473,322.946	2,310,311.602	14	20° 53' 38.7389"	99° 15' 23.4025"	55	432,887.613	2,659,063.139	14	24° 02' 37.1246"	99° 39' 36.1273"
15	472,899.586	2,310,312.268	14	20° 53' 38.7384"	99° 15' 38.0566"	56	433,247.842	2,737,197.494	14	24° 44' 57.6278"	99° 39' 36.5391"
16	472,898.095	2,309,365.362	14	20° 53' 07.9354"	99° 15' 38.0551"	57	388,696.149	2,737,412.459	14	24° 44' 55.298"	100° 06' 02.565"
17	472,322.114	2,309,365.541	14	20° 53' 07.9105"	99° 15' 57.9909"	58	388,696.601	2,737,469.102	14	24° 44' 57.1395"	100° 06' 02.565"
18	472,321.404	2,308,640.538	14	20° 52' 44.3261"	99° 15' 57.9739"	59	387,896.826	2,737,475.492	14	24° 44' 57.1373"	100° 06' 31.036"
19	470,815.563	2,308,642.557	14	20° 52' 44.3085"	99° 16' 50.0917"	60	387,896.353	2,737,416.318	14	24° 44' 55.2136"	100° 06' 31.036"
20	470,815.522	2,308,612.147	14	20° 52' 43.3193"	99° 16' 50.0913"	61	378,163.727	2,737,463.278	14	24° 44' 54.0657"	100° 12' 17.487"
21	470,800.575	2,308,612.172	14	20° 52' 43.3192"	99° 16' 50.6086"	62	378,164.870	2,737,592.824	14	24° 44' 58.2772"	100° 12' 17.487"
22	470,800.709	2,308,691.531	14	20° 52' 45.9008"	99° 16' 50.6087"	63	377,365.073	2,737,599.881	14	24° 44' 58.277"	100° 12' 45.958"
23	472,307.677	2,308,688.982	14	20° 52' 45.9013"	99° 15' 58.4518"	64	377,363.902	2,737,467.137	14	24° 44' 53.9615"	100° 12' 45.958"
24	472,308.471	2,309,158.798	14	20° 53' 01.1844"	99° 15' 58.4512"	65	363,002.706	2,737,536.431	14	24° 44' 51.8345"	100° 21' 17.147"
25	470,009.372	2,309,162.687	14	20° 53' 01.1819"	99° 17' 18.0265"	66	363,003.284	2,737,595.374	14	24° 44' 53.7506"	100° 21' 17.147"
26	470,005.662	2,306,969.487	14	20° 51' 49.8369"	99° 17' 18.0188"	67	362,703.350	2,737,598.319	14	24° 44' 53.7497"	100° 21' 27.824"
27	468,320.586	2,306,971.670	14	20° 51' 49.8069"	99° 18' 16.334"	68	362,702.757	2,737,537.878	14	24° 44' 51.7849"	100° 21' 27.824"
28	468,319.291	2,305,972.065	14	20° 51' 17.2896"	99° 18' 16.3134"	69	325,350.658	2,737,718.104	14	24° 44' 43.9587"	100° 43' 37.226"
29	465,295.439	2,305,975.983	14	20° 51' 17.222"	99° 20' 00.953"	70	325,351.275	2,737,767.104	14	24° 44' 45.5515"	100° 43' 37.226"
30	465,317.714	2,316,547.325	14	20° 57' 01.1069"	99° 20' 00.9421"	71	325,151.295	2,737,769.622	14	24° 44' 45.5512"	100° 43' 44.344"
31	465,489.026	2,316,546.969	14	20° 57' 01.1069"	99° 19' 55.0101"	72	325,152.554	2,737,869.611	14	24° 44' 48.8013"	100° 43' 44.344"
32	465,491.103	2,317,546.582	14	20° 57' 33.624"	99° 19' 55.0099"	73	324,952.575	2,737,872.129	14	24° 44' 48.801"	100° 43' 51.462"
33	465,319.820	2,317,546.938	14	20° 57' 33.624"	99° 20' 00.9412"	74	324,956.352	2,738,172.099	14	24° 44' 58.5514"	100° 43' 51.462"
34	465,552.115	2,427,793.789	14	21° 57' 19.7062"	99° 20' 01.0289"	75	324,756.372	2,738,174.617	14	24° 44' 58.551"	100° 43' 58.58"
35	465,856.054	2,427,793.127	14	21° 57' 19.7061"	99° 19' 50.4322"	76	324,758.890	2,738,374.596	14	24° 45' 05.0513"	100° 43' 58.581"
36	465,857.794	2,428,592.817	14	21° 57' 45.7167"	99° 19' 50.4317"	77	324,658.900	2,738,375.855	14	24° 45' 05.051"	100° 44' 02.139"
37	465,553.800	2,428,593.479	14	21° 57' 45.7168"	99° 20' 01.0309"	78	324,651.346	2,737,775.917	14	24° 44' 45.5502"	100° 44' 02.138"
38	465,661.960	2,479,926.087	14	22° 25' 35.3009"	99° 20' 01.1971"	79	323,951.418	2,737,784.730	14	24° 44' 45.5478"	100° 44' 27.049"
39	432,062.068	2,480,000.738	14	22° 25' 34.1132"	99° 39' 36.539"	80	323,950.664	2,737,724.859	14	24° 44' 43.6017"	100° 44' 27.049"
40	432,887.152	2,658,963.077	14	24° 02' 33.871"	99° 39' 36.127"	81	323,226.165	2,737,728.355	14	24° 44' 43.4152"	100° 44' 52.832"
41	448,974.435	2,658,874.178	14	24° 02' 33.1412"	99° 30' 06.566"	82	323,227.691	2,737,848.793	14	24° 44' 47.3299"	100° 44' 52.832"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
83	322,985.862	2,737,851.857	14	24° 44' 47.329"	100° 45' 01.439"	142	735,981.089	2,971,943.696	13	26° 51' 02.5653"	102° 37' 30.3622"
84	322,984.312	2,737,729.522	14	24° 44' 43.3526"	100° 45' 01.439"	143	727,097.245	2,971,777.925	13	26° 51' 02.4844"	102° 42' 52.1234"
85	320,085.780	2,737,743.508	14	24° 44' 42.5923"	100° 46' 44.589"	144	726,983.500	2,977,900.055	13	26° 54' 21.3909"	102° 42' 52.2421"
86	320,089.525	2,738,029.161	14	24° 44' 51.8772"	100° 46' 44.588"	145	726,992.988	2,977,900.225	13	26° 54' 21.3909"	102° 42' 51.8983"
87	319,989.533	2,738,030.472	14	24° 44' 51.8776"	100° 46' 48.147"	146	726,984.031	2,978,400.258	13	26° 54' 37.6366"	102° 42' 51.8956"
88	319,990.844	2,738,130.464	14	24° 44' 55.1277"	100° 46' 48.146"	147	726,974.210	2,978,400.082	13	26° 54' 37.6366"	102° 42' 52.2515"
89	319,190.907	2,738,140.951	14	24° 44' 55.1296"	100° 47' 16.617"	148	722,943.551	3,195,343.499	13	28° 52' 05.1226"	102° 42' 51.5425"
90	319,194.840	2,738,440.928	14	24° 45' 04.8801"	100° 47' 16.617"	149	724,315.308	3,195,369.922	13	28° 52' 05.1196"	102° 42' 00.928"
91	318,694.880	2,738,447.482	14	24° 45' 04.8804"	100° 47' 34.411"	150	724,344.201	3,193,869.899	13	28° 51' 16.397"	102° 42' 00.9348"
92	318,694.244	2,738,398.986	14	24° 45' 03.3041"	100° 47' 34.411"	151	725,344.217	3,193,889.161	13	28° 51' 16.3917"	102° 41' 24.0417"
93	318,002.475	2,738,408.058	14	24° 45' 03.3037"	100° 47' 59.033"	152	725,440.527	3,188,889.086	13	28° 48' 33.9833"	102° 41' 24.077"
94	317,995.919	2,737,908.098	14	24° 44' 47.053"	100° 47' 59.032"	153	726,940.550	3,188,917.979	13	28° 48' 33.9715"	102° 40' 28.7615"
95	318,995.839	2,737,894.985	14	24° 44' 47.0531"	100° 47' 23.444"	154	726,959.812	3,187,917.964	13	28° 48' 01.49"	102° 40' 28.7728"
96	319,001.871	2,738,354.910	14	24° 45' 02.0026"	100° 47' 23.444"	155	730,459.865	3,187,985.381	13	28° 48' 01.4386"	102° 38' 19.7165"
97	319,090.133	2,738,353.753	14	24° 45' 02.0025"	100° 47' 20.302"	156	730,430.972	3,189,485.404	13	28° 48' 50.1599"	102° 38' 19.6829"
98	319,089.982	2,738,342.293	14	24° 45' 01.63"	100° 47' 20.302"	157	731,430.987	3,189,504.666	13	28° 48' 50.1387"	102° 37' 42.8053"
99	319,093.537	2,738,342.246	14	24° 45' 01.63"	100° 47' 20.176"	158	731,373.201	3,192,504.711	13	28° 50' 27.5804"	102° 37' 42.7272"
100	319,088.293	2,737,942.278	14	24° 44' 48.6294"	100° 47' 20.176"	159	730,373.186	3,192,485.449	13	28° 50' 27.6023"	102° 38' 19.6142"
101	319,588.254	2,737,935.723	14	24° 44' 48.6285"	100° 47' 02.382"	160	730,353.924	3,193,485.464	13	28° 51' 00.083"	102° 38' 19.5909"
102	319,589.565	2,738,035.715	14	24° 44' 51.8787"	100° 47' 02.382"	161	729,353.908	3,193,466.202	13	28° 51' 00.1022"	102° 38' 56.4814"
103	319,789.549	2,738,033.094	14	24° 44' 51.8782"	100° 46' 55.264"	162	729,238.336	3,199,466.293	13	28° 54' 14.9866"	102° 38' 56.3563"
104	319,786.927	2,737,833.109	14	24° 44' 45.3778"	100° 46' 55.265"	163	725,238.275	3,199,389.245	13	28° 54' 15.0398"	102° 41' 23.9969"
105	319,986.911	2,737,830.488	14	24° 44' 45.3772"	100° 46' 48.147"	164	725,209.382	3,200,889.267	13	28° 55' 03.7618"	102° 41' 23.9836"
106	319,985.777	2,737,743.990	14	24° 44' 42.5657"	100° 46' 48.148"	165	722,841.362	3,200,843.655	13	28° 55' 03.7727"	102° 42' 51.3992"
107	279,685.424	2,737,938.442	14	24° 44' 29.9425"	101° 10' 42.129"	166	721,318.518	3,282,808.160	13	29° 39' 25.9074"	102° 42' 48.5155"
108	279,689.258	2,738,178.987	14	24° 44' 37.76"	101° 10' 42.129"	167	721,356.450	3,282,842.880	13	29° 39' 27.0102"	102° 42' 47.0802"
109	279,089.213	2,738,188.552	14	24° 44' 37.76"	101° 11' 03.481"	168	721,443.660	3,282,938.510	13	29° 39' 30.0589"	102° 42' 43.7685"
110	279,085.273	2,737,941.337	14	24° 44' 29.7257"	101° 11' 03.481"	169	721,536.750	3,283,080.190	13	29° 39' 34.5989"	102° 42' 40.2043"
111	265,450.913	2,738,007.124	14	24° 44' 24.5736"	101° 19' 08.533"	170	721,704.850	3,283,444.340	13	29° 39' 46.3132"	102° 42' 33.6882"
112	267,400.870	2,850,888.479	14	25° 45' 32.6754"	101° 19' 08.533"	171	721,765.020	3,283,633.600	13	29° 39' 52.4189"	102° 42' 31.3124"
113	262,540.053	2,850,974.069	14	25° 45' 32.6476"	101° 22' 02.938"	172	721,778.930	3,283,811.740	13	29° 39' 58.1933"	102° 42' 30.6642"
114	262,545.297	2,851,262.830	14	25° 45' 42.0303"	101° 22' 02.936"	173	721,821.240	3,283,876.230	13	29° 40' 00.2598"	102° 42' 29.044"
115	262,045.223	2,851,271.911	14	25° 45' 42.033"	101° 22' 20.878"	174	721,958.330	3,283,995.490	13	29° 40' 04.0434"	102° 42' 23.8603"
116	262,047.040	2,851,371.925	14	25° 45' 45.2828"	101° 22' 20.878"	175	722,203.580	3,284,325.590	13	29° 40' 14.6023"	102° 42' 14.5003"
117	261,179.399	2,851,387.680	14	25° 45' 45.2861"	101° 22' 52.009"	176	722,246.300	3,284,369.570	13	29° 40' 16.0026"	102° 42' 12.8798"
118	261,190.574	2,852,002.499	14	25° 46' 05.263"	101° 22' 52.007"	177	722,348.660	3,284,432.600	13	29° 40' 17.9829"	102° 42' 09.0283"
119	259,795.248	2,852,027.860	14	25° 46' 05.2651"	101° 23' 42.073"	178	722,477.430	3,284,483.500	13	29° 40' 19.5523"	102° 42' 04.2038"
120	259,813.409	2,853,028.017	14	25° 46' 37.7623"	101° 23' 42.074"	179	722,543.300	3,284,482.260	13	29° 40' 19.4695"	102° 42' 01.7562"
121	258,213.175	2,853,057.073	14	25° 46' 37.7575"	101° 24' 39.497"	180	722,668.780	3,284,454.370	13	29° 40' 18.4831"	102° 41' 57.1123"
122	258,176.747	2,851,050.899	14	25° 45' 32.5733"	101° 24' 39.487"	181	722,760.540	3,284,418.270	13	29° 40' 17.2518"	102° 41' 53.7279"
123	729,358.089	2,850,091.806	13	25° 45' 08.6362"	102° 42' 48.2168"	182	722,889.740	3,284,349.430	13	29° 40' 14.9335"	102° 41' 48.9761"
124	728,492.587	2,896,676.013	13	26° 10' 22.3249"	102° 42' 50.0588"	183	722,951.500	3,284,360.750	13	29° 40' 15.261"	102° 41' 46.6719"
125	730,064.514	2,896,703.888	13	26° 10' 22.3282"	102° 41' 53.459"	184	722,978.760	3,284,402.100	13	29° 40' 16.5858"	102° 41' 45.628"
126	730,055.647	2,897,203.936	13	26° 10' 38.5757"	102° 41' 53.4591"	185	722,983.990	3,284,577.410	13	29° 40' 22.2739"	102° 41' 45.3038"
127	728,483.296	2,897,176.053	13	26° 10' 38.5726"	102° 42' 50.0762"	186	723,024.100	3,284,702.740	13	29° 40' 26.3168"	102° 41' 43.7199"
128	728,474.006	2,897,676.094	13	26° 10' 54.8203"	102° 42' 50.0936"	187	723,162.910	3,284,880.830	13	29° 40' 32.0087"	102° 41' 38.4278"
129	728,620.558	2,897,678.693	13	26° 10' 54.8208"	102° 42' 44.8163"	188	723,189.610	3,284,901.650	13	29° 40' 32.6673"	102° 41' 37.4198"
130	728,625.878	2,897,378.664	13	26° 10' 45.0722"	102° 42' 44.8152"	189	723,252.190	3,284,968.870	13	29° 40' 34.8091"	102° 41' 35.0436"
131	729,825.994	2,897,399.946	13	26° 10' 45.0747"	102° 42' 01.6008"	190	723,266.660	3,285,020.180	13	29° 40' 36.4655"	102° 41' 34.4676"
132	729,776.337	2,900,200.216	13	26° 12' 16.0609"	102° 42' 01.6017"	191	723,255.440	3,285,048.110	13	29° 40' 37.3795"	102° 41' 34.864"
133	728,908.747	2,900,184.831	13	26° 12' 16.0599"	102° 42' 32.849"	192	723,035.050	3,285,416.750	13	29° 40' 49.4901"	102° 41' 57.1123"
134	728,900.050	2,900,675.283	13	26° 12' 31.9957"	102° 42' 32.8502"	193	722,867.720	3,285,649.940	13	29° 40' 57.1688"	102° 41' 48.832"
135	728,418.442	2,900,666.742	13	26° 12' 31.9943"	102° 42' 50.1966"	194	722,787.690	3,285,729.750	13	29° 40' 59.8116"	102° 41' 51.7482"
136	727,422.418	2,954,276.018	13	26° 41' 33.8437"	102° 42' 51.7425"	195	722,691.590	3,285,839.270	13	29° 41' 03.4292"	102° 41' 55.24"
137	753,505.296	2,954,762.715	13	26° 41' 33.5908"	102° 27' 08.4108"	196	722,686.040	3,285,874.760	13	29° 41' 04.585"	102° 41' 55.42"
138	753,178.717	2,972,264.596	13	26° 51' 02.1431"	102° 27' 07.535"	197	722,667.100	3,285,902.330	13	29° 41' 05.4923"	102° 41' 56.1038"
139	736,481.143	2,971,953.025	13	26° 51' 02.5637"	102° 37' 12.2514"	198	722,655.820	3,286,079.740	13	29° 41' 11.2592"	102° 41' 56.3919"
140	736,428.762	2,974,745.451	13	26° 52' 33.2846"	102° 37' 12.2492"	199	722,673.770	3,286,247.990	13	29° 41' 16.7098"	102° 41' 55.6001"
141	735,928.706	2,974,736.071	13	26° 52' 33.2848"	102° 37' 30.3641"	200	722,673.220	3,286,616.460	13	29° 41' 28.6726"	102° 41' 55.3478"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
201	722,685.770	3,286,763.870	13	29° 41' 33.4501"	102° 41' 54.7721"	260	340,008.168	3,168,494.268	14	28° 38' 06.8284"	100° 38' 12.3392"
202	722,722.220	3,286,975.720	13	29° 41' 40.3043"	102° 41' 53.26"	261	339,992.899	3,167,294.508	14	28° 37' 27.8495"	100° 38' 12.2966"
203	722,738.640	3,287,074.960	13	29° 41' 43.5155"	102° 41' 52.576"	262	338,593.178	3,167,312.326	14	28° 37' 27.8032"	100° 39' 03.8332"
204	722,757.890	3,287,080.670	13	29° 41' 43.6884"	102° 41' 51.856"	263	338,581.726	3,166,412.506	14	28° 36' 58.5692"	100° 39' 03.7974"
205	722,811.810	3,287,290.110	13	29° 41' 50.453"	102° 41' 49.696"	264	337,681.906	3,166,423.958	14	28° 36' 58.5365"	100° 39' 36.9253"
206	722,853.600	3,287,379.760	13	29° 41' 53.3365"	102° 41' 48.0757"	265	337,666.637	3,165,224.198	14	28° 36' 19.558"	100° 39' 36.8744"
207	722,856.040	3,287,402.880	13	29° 41' 54.0855"	102° 41' 47.9679"	266	336,466.877	3,165,239.467	14	28° 36' 19.5111"	100° 40' 21.0402"
208	722,921.150	3,287,439.210	13	29° 41' 55.2228"	102° 41' 45.52"	267	336,454.153	3,164,239.667	14	28° 35' 47.0291"	100° 40' 20.9942"
209	722,973.470	3,287,486.170	13	29° 41' 56.7135"	102° 41' 43.5397"	268	335,454.353	3,164,252.392	14	28° 35' 46.9872"	100° 40' 57.7957"
210	723,125.740	3,287,667.070	13	29° 42' 02.4878"	102° 41' 37.7436"	269	335,433.995	3,162,652.712	14	28° 34' 55.016"	100° 40' 57.7173"
211	723,562.530	3,288,046.830	13	29° 42' 14.5333"	102° 41' 21.2198"	270	334,434.195	3,162,665.436	14	28° 34' 54.9715"	100° 41' 34.5137"
212	723,611.480	3,288,116.340	13	29° 42' 16.7582"	102° 41' 19.348"	271	334,411.963	3,160,918.609	14	28° 33' 58.2199"	100° 41' 34.4231"
213	723,623.100	3,288,164.810	13	29° 42' 18.3242"	102° 41' 18.8798"	272	334,222.530	3,160,921.263	14	28° 33' 58.2191"	100° 41' 41.394"
214	723,605.990	3,288,245.420	13	29° 42' 20.9523"	102° 41' 19.4561"	273	334,183.703	3,158,149.879	14	28° 32' 28.1795"	100° 41' 41.3804"
215	723,530.310	3,288,350.920	13	29° 42' 24.4265"	102° 41' 22.1919"	274	333,988.246	3,158,152.386	14	28° 32' 28.1711"	100° 41' 48.5712"
216	723,496.240	3,288,408.670	13	29° 42' 26.3234"	102° 41' 23.4158"	275	333,916.317	3,152,953.256	14	28° 29' 39.256"	100° 41' 48.5122"
217	723,470.430	3,288,537.570	13	29° 42' 30.5249"	102° 41' 24.2798"	276	334,782.533	3,152,941.272	14	28° 29' 39.2634"	100° 41' 16.6582"
218	723,474.000	3,288,794.680	13	29° 42' 38.8695"	102° 41' 23.9559"	277	334,776.104	3,152,476.563	14	28° 29' 24.1653"	100° 41' 16.6544"
219	723,482.570	3,288,850.400	13	29° 42' 40.6729"	102° 41' 23.5958"	278	335,076.054	3,152,472.413	14	28° 29' 24.1673"	100° 41' 05.6245"
220	723,476.020	3,289,178.180	13	29° 42' 51.3184"	102° 41' 23.5956"	279	334,955.712	3,143,773.868	14	28° 24' 41.5553"	100° 41' 05.5673"
221	723,430.682	3,289,567.029	13	29° 43' 03.9717"	102° 41' 24.9926"	280	336,057.141	3,143,758.630	14	28° 24' 41.5594"	100° 40' 25.095"
222	785,738.017	3,290,800.616	13	29° 42' 57.932"	102° 02' 47.3294"	281	336,039.192	3,142,460.680	14	28° 23' 59.3891"	100° 40' 25.0916"
223	785,661.298	3,293,799.059	13	29° 44' 35.2886"	102° 02' 47.3294"	282	337,139.008	3,142,445.471	14	28° 23' 59.3899"	100° 39' 44.6828"
224	245,724.485	3,292,966.868	14	29° 44' 32.9192"	101° 37' 44.8357"	283	337,137.626	3,142,345.488	14	28° 23' 56.1414"	100° 39' 44.6829"
225	245,690.334	3,291,467.423	14	29° 43' 44.2269"	101° 37' 44.8357"	284	337,225.353	3,142,344.275	14	28° 23' 56.1413"	100° 39' 41.4597"
226	260,185.021	3,291,137.374	14	29° 43' 43.9217"	101° 28' 45.5459"	285	337,181.947	3,138,933.700	14	28° 22' 05.3328"	100° 39' 41.3266"
227	260,055.338	3,285,139.378	14	29° 40' 29.1328"	101° 28' 45.5459"	286	337,681.847	3,138,927.338	14	28° 22' 05.3496"	100° 39' 22.9653"
228	264,055.008	3,285,053.661	14	29° 40' 29.1096"	101° 26' 16.8473"	287	337,681.735	3,138,918.577	14	28° 22' 05.065"	100° 39' 22.9649"
229	263,928.680	3,279,055.600	14	29° 37' 14.3142"	101° 26' 16.8472"	288	336,886.152	3,138,929.248	14	28° 22' 05.0557"	100° 39' 52.187"
230	269,926.753	3,278,929.379	14	29° 37' 14.2622"	101° 22' 33.9116"	289	336,890.175	3,139,229.194	14	28° 22' 14.8009"	100° 39' 52.1914"
231	269,415.962	3,253,937.026	14	29° 23' 42.5673"	101° 22' 33.9116"	290	336,390.266	3,139,235.899	14	28° 22' 14.7941"	100° 40' 10.5536"
232	294,408.513	3,253,428.043	14	29° 23' 41.6721"	101° 07' 06.9853"	291	336,392.949	3,139,435.863	14	28° 22' 21.291"	100° 40' 10.5568"
233	294,227.237	3,243,430.538	14	29° 18' 16.9394"	101° 07' 06.9853"	292	335,993.020	3,139,441.227	14	28° 22' 21.285"	100° 40' 25.2469"
234	304,224.772	3,243,249.519	14	29° 18' 16.7966"	101° 00' 56.5052"	293	335,972.905	3,137,941.496	14	28° 21' 32.5589"	100° 40' 25.221"
235	304,052.789	3,233,251.802	14	29° 12' 52.0421"	101° 00' 56.5052"	294	336,372.833	3,137,936.132	14	28° 21' 32.5647"	100° 40' 10.5328"
236	316,050.088	3,233,045.717	14	29° 12' 51.8373"	100° 53' 32.2939"	295	336,352.718	3,136,436.401	14	28° 20' 43.8384"	100° 40' 10.5092"
237	315,889.091	3,223,047.762	14	29° 07' 27.0586"	100° 53' 32.2939"	296	336,852.628	3,136,429.696	14	28° 20' 43.845"	100° 39' 52.1512"
238	321,887.876	3,222,951.301	14	29° 07' 27.0076"	100° 49' 50.3725"	297	336,839.218	3,135,429.875	14	28° 20' 11.3607"	100° 39' 52.1372"
239	321,794.637	3,216,952.457	14	29° 04' 12.1325"	100° 49' 50.3725"	298	337,339.128	3,135,423.170	14	28° 20' 11.3665"	100° 39' 33.7807"
240	327,793.490	3,216,859.299	14	29° 04' 12.0816"	100° 46' 08.5608"	299	337,305.603	3,132,923.618	14	28° 18' 50.1553"	100° 39' 33.7502"
241	327,464.432	3,194,863.271	14	28° 52' 17.506"	100° 46' 08.5608"	300	338,305.424	3,132,910.208	14	28° 18' 50.1646"	100° 38' 57.0449"
242	332,865.748	3,194,782.722	14	28° 52' 17.4651"	100° 42' 49.2215"	301	338,292.014	3,131,910.387	14	28° 18' 17.6799"	100° 38' 57.0361"
243	332,703.371	3,183,102.968	14	28° 45' 58.0189"	100° 42' 48.9979"	302	339,291.834	3,131,896.977	14	28° 18' 17.6863"	100° 38' 20.3338"
244	329,703.906	3,183,144.668	14	28° 45' 57.9581"	100° 44' 39.5826"	303	339,278.424	3,130,897.156	14	28° 17' 45.2015"	100° 38' 20.3282"
245	329,606.607	3,176,145.917	14	28° 42' 10.5862"	100° 44' 39.3923"	304	340,278.245	3,130,883.746	14	28° 17' 45.205"	100° 37' 43.6288"
246	333,195.279	3,176,096.026	14	28° 42' 10.6525"	100° 42' 27.1639"	305	340,264.835	3,129,883.925	14	28° 17' 12.72"	100° 37' 43.6264"
247	333,176.349	3,174,777.172	14	28° 41' 27.8051"	100° 42' 27.1658"	306	340,764.745	3,129,877.220	14	28° 17' 12.7207"	100° 37' 25.2783"
248	343,174.698	3,174,634.079	14	28° 41' 27.6659"	100° 36' 18.7956"	307	340,751.335	3,128,877.399	14	28° 16' 40.2356"	100° 37' 25.2776"
249	343,134.801	3,171,662.193	14	28° 39' 51.1112"	100° 36' 18.7931"	308	341,751.156	3,128,863.989	14	28° 16' 40.2347"	100° 36' 48.5842"
250	342,813.344	3,171,666.511	14	28° 39' 51.111"	100° 36' 30.6336"	309	341,737.745	3,127,864.168	14	28° 16' 07.7494"	100° 36' 48.5868"
251	342,807.972	3,171,266.586	14	28° 39' 38.1177"	100° 36' 30.6331"	310	342,737.566	3,127,850.758	14	28° 16' 07.7457"	100° 36' 11.8963"
252	341,908.141	3,171,278.673	14	28° 39' 38.1155"	100° 37' 03.7762"	311	342,717.451	3,126,351.027	14	28° 15' 19.0175"	100° 36' 11.9051"
253	341,904.112	3,170,978.729	14	28° 39' 28.3705"	100° 37' 03.775"	312	343,717.272	3,126,337.616	14	28° 15' 19.0109"	100° 35' 35.2191"
254	340,804.319	3,170,993.502	14	28° 39' 28.3649"	100° 37' 44.282"	313	343,703.861	3,125,337.796	14	28° 14' 46.5253"	100° 35' 35.2283"
255	340,782.832	3,169,393.803	14	28° 38' 36.392"	100° 37' 44.27"	314	344,703.682	3,125,324.385	14	28° 14' 46.5157"	100° 34' 58.5453"
256	340,882.809	3,169,392.547	14	28° 38' 36.3954"	100° 37' 40.5883"	315	344,683.567	3,123,824.654	14	28° 13' 57.787"	100° 34' 58.5638"
257	340,881.449	3,169,292.565	14	28° 38' 33.1471"	100° 37' 40.5882"	316	345,683.388	3,123,811.244	14	28° 13' 57.7746"	100° 34' 21.8853"
258	341,081.413	3,169,289.844	14	28° 38' 33.1471"	100° 37' 33.2243"	317	345,663.272	3,122,311.513	14	28° 13' 09.0456"	100° 34' 21.9088"
259	341,069.988	3,168,480.754	14	28° 38' 06.8601"	100° 37' 33.2397"	318	348,666.722	3,122,271.205	14	28° 13' 08.9906"	100° 32' 31.7402"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
319	348,660.352	3,121,770.675	14	28° 12' 52.7274"	100° 32' 31.7401"	378	241,625.008	3,090,759.099	14	27° 55' 06.0605"	101° 37' 31.0258"
320	349,576.519	3,121,759.016	14	28° 12' 52.7263"	100° 31' 58.1359"	379	241,614.514	3,090,259.015	14	27° 54' 49.8176"	101° 37' 31.017"
321	349,561.830	3,120,610.426	14	28° 12' 15.4062"	100° 31' 58.1418"	380	242,114.597	3,090,248.521	14	27° 54' 49.825"	101° 37' 12.7327"
322	350,061.732	3,120,604.033	14	28° 12' 15.4035"	100° 31' 39.8076"	381	242,148.677	3,091,872.517	14	27° 55' 42.5731"	101° 37' 12.7591"
323	350,060.453	3,120,504.053	14	28° 12' 12.155"	100° 31' 39.8082"	382	242,409.806	3,091,866.917	14	27° 55' 42.5729"	101° 37' 03.2101"
324	350,244.141	3,120,501.704	14	28° 12' 12.1538"	100° 31' 33.0714"	383	242,377.647	3,090,340.891	14	27° 54' 53.0068"	101° 37' 03.1915"
325	350,240.945	3,120,250.617	14	28° 12' 03.9954"	100° 31' 33.0727"	384	242,502.301	3,090,338.264	14	27° 54' 53.0081"	101° 36' 58.6338"
326	351,640.665	3,120,232.803	14	28° 12' 03.9864"	100° 30' 41.7384"	385	242,439.296	3,087,347.833	14	27° 53' 15.877"	101° 36' 58.5995"
327	351,620.485	3,118,647.228	14	28° 11' 12.4673"	100° 30' 41.7535"	386	242,639.331	3,087,343.618	14	27° 53' 15.8789"	101° 36' 51.2874"
328	351,232.904	3,118,651.994	14	28° 11' 12.465"	100° 30' 55.9659"	387	242,641.438	3,087,443.636	14	27° 53' 19.1276"	101° 36' 51.2885"
329	351,232.848	3,118,600.193	14	28° 11' 10.7821"	100° 30' 55.9443"	388	242,737.048	3,087,441.621	14	27° 53' 19.1284"	101° 36' 47.7936"
330	345,500.197	3,118,673.028	14	28° 11' 10.776"	100° 34' 26.1567"	389	242,730.985	3,087,147.154	14	27° 53' 09.564"	101° 36' 47.7854"
331	345,373.169	3,108,674.995	14	28° 05' 45.9208"	100° 34' 26.0636"	390	242,130.895	3,087,159.509	14	27° 53' 09.5488"	101° 37' 09.7204"
332	356,870.936	3,108,528.912	14	28° 05' 45.8288"	100° 27' 24.7972"	391	242,122.659	3,086,759.448	14	27° 52' 56.5546"	101° 37' 09.7086"
333	356,890.623	3,110,082.938	14	28° 06' 36.3245"	100° 27' 24.758"	392	241,622.584	3,086,769.744	14	27° 52' 56.5412"	101° 37' 27.9871"
334	357,127.144	3,110,080.030	14	28° 06' 36.322"	100° 27' 16.0909"	393	241,612.288	3,086,269.669	14	27° 52' 40.2987"	101° 37' 27.9716"
335	357,098.909	3,107,784.017	14	28° 05' 21.7169"	100° 27' 16.1193"	394	241,312.243	3,086,275.846	14	27° 52' 40.2903"	101° 37' 38.9382"
336	325,321.538	3,108,350.447	14	28° 05' 26.4031"	100° 46' 40.3786"	395	241,287.533	3,085,075.666	14	27° 52' 01.3082"	101° 37' 38.9003"
337	325,342.143	3,109,773.625	14	28° 06' 12.6425"	100° 46' 40.3859"	396	241,887.623	3,085,063.311	14	27° 52' 01.3245"	101° 37' 16.9692"
338	325,642.102	3,109,769.282	14	28° 06' 12.6438"	100° 46' 29.3959"	397	241,879.387	3,084,663.251	14	27° 51' 48.3305"	101° 37' 16.9574"
339	325,646.445	3,110,069.240	14	28° 06' 22.3895"	100° 46' 29.3972"	398	243,479.627	3,084,630.305	14	27° 51' 48.3691"	101° 36' 18.476"
340	327,346.210	3,110,044.631	14	28° 06' 22.3922"	100° 45' 27.1183"	399	243,471.390	3,084,230.245	14	27° 51' 35.3749"	101° 36' 18.4662"
341	327,475.651	3,118,984.941	14	28° 11' 12.8656"	100° 45' 27.1171"	400	243,971.466	3,084,219.949	14	27° 51' 35.3855"	101° 36' 00.1912"
342	327,428.071	3,118,985.630	14	28° 11' 12.8656"	100° 45' 28.8617"	401	243,963.229	3,083,819.889	14	27° 51' 22.3912"	101° 36' 00.182"
343	327,435.310	3,119,485.561	14	28° 11' 29.1084"	100° 45' 28.862"	402	244,463.304	3,083,809.593	14	27° 51' 22.4011"	101° 35' 41.9076"
344	327,282.917	3,119,487.768	14	28° 11' 29.1083"	100° 45' 34.4501"	403	244,453.008	3,083,309.518	14	27° 51' 06.1582"	101° 35' 41.8969"
345	327,149.133	3,110,247.498	14	28° 06' 28.8895"	100° 45' 34.4452"	404	245,053.099	3,083,297.163	14	27° 51' 06.1691"	101° 35' 19.9684"
346	319,850.140	3,110,353.175	14	28° 06' 28.8182"	100° 50' 01.8792"	405	245,044.862	3,082,897.103	14	27° 50' 53.1747"	101° 35' 19.9606"
347	319,828.425	3,108,853.382	14	28° 05' 40.0907"	100° 50' 01.846"	406	245,744.967	3,082,882.689	14	27° 50' 53.1862"	101° 34' 54.3782"
348	321,828.150	3,108,824.430	14	28° 05' 40.1243"	100° 48' 48.5865"	407	245,734.671	3,082,382.614	14	27° 50' 36.9431"	101° 34' 54.3695"
349	321,822.191	3,108,412.858	14	28° 05' 26.7524"	100° 48' 48.58"	408	247,935.002	3,082,337.313	14	27° 50' 36.9703"	101° 33' 33.9702"
350	283,103.951	3,109,103.048	14	28° 05' 28.3824"	101° 12' 26.9229"	409	247,924.706	3,081,837.238	14	27° 50' 20.727"	101° 33' 33.9649"
351	283,187.635	3,113,016.085	14	28° 07' 35.5069"	101° 12' 26.4607"	410	249,424.932	3,081,806.351	14	27° 50' 20.738"	101° 32' 39.1488"
352	279,086.874	3,113,103.785	14	28° 07' 35.9122"	101° 14' 56.7247"	411	249,423.304	3,081,726.371	14	27° 50' 18.1401"	101° 32' 39.1476"
353	279,172.434	3,117,104.511	14	28° 09' 45.8822"	101° 14' 56.3054"	412	249,227.959	3,081,730.409	14	27° 50' 18.1395"	101° 32' 46.2852"
354	268,070.374	3,117,341.942	14	28° 09' 46.7417"	101° 21' 43.2387"	413	249,211.483	3,080,933.443	14	27° 49' 52.2524"	101° 32' 46.2826"
355	267,965.564	3,112,441.053	14	28° 07' 07.538"	101° 21' 43.5853"	414	245,892.081	3,081,002.003	14	27° 49' 52.2261"	101° 34' 47.5594"
356	260,064.097	3,112,610.036	14	28° 07' 07.952"	101° 26' 33.0707"	415	245,907.780	3,081,747.195	14	27° 50' 16.4311"	101° 34' 47.5586"
357	260,091.903	3,113,910.272	14	28° 07' 50.1879"	101° 26' 33.0099"	416	244,907.602	3,081,768.265	14	27° 50' 16.4306"	101° 35' 24.1029"
358	257,691.458	3,113,961.608	14	28° 07' 50.2794"	101° 28' 00.9618"	417	244,891.671	3,081,012.047	14	27° 49' 51.8676"	101° 35' 24.1014"
359	257,723.542	3,115,461.880	14	28° 08' 39.0123"	101° 28' 00.9031"	418	243,266.926	3,081,045.636	14	27° 49' 51.8405"	101° 36' 23.4613"
360	255,723.171	3,115,504.661	14	28° 08' 39.076"	101° 29' 14.2047"	419	243,270.625	3,081,224.599	14	27° 49' 57.6534"	101° 36' 23.4651"
361	255,768.089	3,117,605.042	14	28° 09' 47.3012"	101° 29' 14.1363"	420	243,587.019	3,081,217.868	14	27° 49' 57.653"	101° 36' 11.9054"
362	237,064.613	3,118,005.040	14	28° 09' 47.3609"	101° 40' 39.5839"	421	243,601.915	3,081,918.000	14	27° 50' 20.3942"	101° 36' 11.9043"
363	237,090.281	3,119,205.258	14	28° 10' 26.3421"	101° 40' 39.6143"	422	243,507.713	3,081,920.004	14	27° 50' 20.3944"	101° 36' 15.3462"
364	226,088.236	3,119,440.551	14	28° 10' 25.9285"	101° 47' 22.8205"	423	243,518.349	3,082,419.921	14	27° 50' 36.6323"	101° 36' 15.3456"
365	225,658.303	3,099,336.902	14	27° 59' 33.0342"	101° 47' 21.6789"	424	243,295.446	3,082,424.664	14	27° 50' 36.6325"	101° 36' 23.4904"
366	232,659.604	3,099,187.170	14	27° 59' 33.3046"	101° 43' 05.528"	425	243,297.941	3,082,545.870	14	27° 50' 40.5693"	101° 36' 23.4934"
367	232,541.960	3,093,686.172	14	27° 56' 34.6408"	101° 43' 05.3511"	426	240,897.567	3,082,595.495	14	27° 50' 40.5157"	101° 37' 51.2006"
368	239,343.310	3,093,540.716	14	27° 56' 34.7684"	101° 38' 56.6181"	427	240,928.582	3,084,095.728	14	27° 51' 29.2436"	101° 37' 51.244"
369	239,330.292	3,092,933.603	14	27° 56' 15.0493"	101° 38' 56.6128"	428	237,928.115	3,084,157.759	14	27° 51' 29.1537"	101° 39' 40.8897"
370	239,430.311	3,092,931.458	14	27° 56' 15.05"	101° 38' 52.9551"	429	237,954.995	3,085,457.962	14	27° 52' 11.3838"	101° 39' 40.9397"
371	239,426.022	3,092,731.420	14	27° 56' 08.5528"	101° 38' 52.9535"	430	230,853.888	3,085,604.768	14	27° 52' 11.0725"	101° 44' 00.4537"
372	240,426.213	3,092,709.973	14	27° 56' 08.5587"	101° 38' 16.3768"	431	230,884.904	3,087,105.002	14	27° 52' 59.7971"	101° 44' 00.5441"
373	240,417.634	3,092,309.896	14	27° 55' 55.5641"	101° 38' 16.3748"	432	228,184.483	3,087,160.830	14	27° 52' 59.6421"	101° 45' 39.2415"
374	240,656.837	3,092,304.767	14	27° 55' 55.5651"	101° 38' 07.6275"	433	228,215.498	3,088,661.064	14	27° 53' 48.3657"	101° 45' 39.3448"
375	240,633.237	3,091,180.154	14	27° 55' 19.0376"	101° 38' 07.6039"	434	218,413.971	3,088,863.698	14	27° 53' 47.6349"	101° 51' 37.6085"
376	241,133.320	3,091,169.660	14	27° 55' 19.0465"	101° 37' 49.3184"	435	218,455.325	3,090,864.009	14	27° 54' 52.595"	101° 51' 37.8067"
377	241,124.925	3,090,769.593	14	27° 55' 06.0523"	101° 37' 49.3107"	436	217,155.122	3,090,890.889	14	27° 54' 52.478"	101° 52' 25.3375"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
437	217,190.273	3,092,591.154	14	27° 55' 47.6935"	101° 52' 25.5135"	496	794,994.884	3,081,950.842	13	27° 49' 52.8575"	102° 00' 18.7377"
438	215,990.086	3,092,615.967	14	27° 55' 47.581"	101° 53' 09.3938"	497	795,013.433	3,081,250.686	13	27° 49' 30.1187"	102° 00' 18.6848"
439	216,041.778	3,095,116.356	14	27° 57' 08.7794"	101° 53' 09.6632"	498	793,313.052	3,081,205.637	13	27° 49' 30.0004"	102° 01' 20.7968"
440	214,541.544	3,095,147.372	14	27° 57' 08.6324"	101° 54' 04.5245"	499	793,273.304	3,082,705.973	13	27° 50' 18.7277"	102° 01' 20.9178"
441	214,593.237	3,097,647.761	14	27° 58' 29.8296"	101° 54' 04.8077"	500	791,872.990	3,082,668.875	13	27° 50' 18.6243"	102° 02' 12.0758"
442	212,692.941	3,097,687.048	14	27° 58' 29.6335"	101° 55' 14.3115"	501	791,798.794	3,085,469.502	13	27° 51' 49.5814"	102° 02' 12.3119"
443	212,802.528	3,102,987.874	14	28° 01' 21.7685"	101° 55' 14.9477"	502	790,498.502	3,085,435.053	13	27° 51' 49.4821"	102° 02' 59.8273"
444	209,802.061	3,103,049.905	14	28° 01' 21.4351"	101° 57' 04.7374"	503	790,419.006	3,088,435.725	13	27° 53' 26.9367"	102° 03' 00.09"
445	209,764.842	3,101,249.624	14	28° 00' 22.9756"	101° 57' 04.5042"	504	789,018.692	3,088,398.626	13	27° 53' 26.8256"	102° 03' 51.2736"
446	208,964.718	3,101,266.166	14	28° 00' 22.8829"	101° 57' 33.7768"	505	788,949.795	3,090,999.209	13	27° 54' 51.2869"	102° 03' 51.5105"
447	208,842.724	3,095,365.246	14	27° 57' 11.2659"	101° 57' 33.0046"	506	787,449.459	3,090,959.460	13	27° 54' 51.1628"	102° 04' 46.3625"
448	210,542.989	3,095,330.095	14	27° 57' 11.4583"	101° 56' 30.8306"	507	787,375.263	3,093,760.087	13	27° 56' 22.1217"	102° 04' 46.6285"
449	210,505.770	3,093,529.815	14	27° 56' 12.9979"	101° 56' 30.6063"	508	785,474.837	3,093,709.739	13	27° 56' 21.9571"	102° 05' 56.1247"
450	212,206.035	3,093,494.664	14	27° 56' 13.1817"	101° 55' 28.4409"	509	785,419.190	3,095,810.209	13	27° 57' 30.1777"	102° 05' 56.3352"
451	212,144.004	3,090,494.196	14	27° 54' 35.7461"	101° 55' 28.0845"	510	784,118.898	3,095,775.761	13	27° 57' 30.0593"	102° 06' 43.894"
452	214,144.316	3,090,452.842	14	27° 54' 35.9511"	101° 54' 14.9659"	511	784,044.702	3,098,576.388	13	27° 59' 01.0197"	102° 06' 44.184"
453	214,065.743	3,086,652.250	14	27° 52' 32.5303"	101° 54' 14.5412"	512	782,544.366	3,098,536.640	13	27° 59' 00.8791"	102° 07' 39.0729"
454	216,566.133	3,086,600.598	14	27° 52' 32.7697"	101° 52' 43.1702"	513	782,507.267	3,099,936.953	13	27° 59' 46.3597"	102° 07' 39.2237"
455	216,537.185	3,085,200.339	14	27° 51' 47.2973"	101° 52' 43.0254"	514	779,306.551	3,099,852.157	13	27° 59' 46.0404"	102° 09' 36.3354"
456	224,538.432	3,085,034.924	14	27° 51' 47.9453"	101° 47' 50.6607"	515	779,388.697	3,096,751.462	13	27° 58' 05.3312"	102° 09' 35.9707"
457	224,511.552	3,083,734.721	14	27° 51' 05.7191"	101° 47' 50.5582"	516	780,488.944	3,096,780.611	13	27° 58' 05.4448"	102° 08' 55.7237"
458	228,212.129	3,083,658.216	14	27° 51' 05.9594"	101° 45' 35.3484"	517	780,552.541	3,094,380.074	13	27° 56' 47.4767"	102° 08' 55.4478"
459	228,185.249	3,082,358.014	14	27° 50' 23.7327"	101° 45' 35.2609"	518	781,752.810	3,094,411.873	13	27° 56' 47.5976"	102° 08' 11.5511"
460	231,385.748	3,082,291.848	14	27° 50' 23.9093"	101° 43' 38.3325"	519	781,811.107	3,092,211.380	13	27° 55' 36.1272"	102° 08' 11.3051"
461	231,358.868	3,080,991.645	14	27° 49' 41.6809"	101° 43' 38.2587"	520	783,211.421	3,092,248.478	13	27° 55' 36.2639"	102° 07' 20.1027"
462	238,059.912	3,080,853.109	14	27° 49' 41.9607"	101° 39' 33.4572"	521	783,282.968	3,089,547.874	13	27° 54' 08.5509"	102° 07' 19.8101"
463	238,049.256	3,080,339.198	14	27° 49' 25.2697"	101° 39' 33.4394"	522	785,083.371	3,089,595.572	13	27° 54' 08.7277"	102° 06' 13.9931"
464	206,950.032	3,080,951.614	14	27° 49' 21.9629"	101° 58' 29.3743"	523	785,154.918	3,086,894.967	13	27° 52' 41.0077"	102° 06' 13.7141"
465	206,976.937	3,081,998.352	14	27° 49' 55.9574"	101° 58' 29.3191"	524	786,555.231	3,086,932.066	13	27° 52' 41.1347"	102° 05' 22.5352"
466	206,076.747	3,082,021.497	14	27° 49' 55.9987"	101° 59' 02.2033"	525	786,624.128	3,084,331.484	13	27° 51' 16.6717"	102° 05' 22.2759"
467	206,125.637	3,083,921.902	14	27° 50' 57.7177"	101° 59' 02.1074"	526	787,924.419	3,084,365.932	13	27° 51' 16.7842"	102° 04' 34.7633"
468	205,325.458	3,083,942.498	14	27° 50' 57.7521"	101° 59' 31.3425"	527	788,027.765	3,080,465.059	13	27° 49' 10.0903"	102° 04' 34.3868"
469	205,364.093	3,085,442.834	14	27° 51' 46.4773"	101° 59' 31.2698"	528	789,428.078	3,080,502.157	13	27° 49' 10.2084"	102° 03' 43.2363"
470	204,763.953	3,085,458.294	14	27° 51' 46.5028"	101° 59' 53.1997"	529	789,491.676	3,078,101.620	13	27° 47' 52.2434"	102° 03' 43.0129"
471	204,825.837	3,087,858.852	14	27° 53' 04.4632"	101° 59' 53.0857"	530	784,486.228	3,077,969.011	13	27° 47' 51.7942"	102° 06' 45.8171"
472	794,638.495	3,087,846.863	13	27° 53' 04.4996"	102° 00' 26.4977"	531	784,439.351	3,079,738.410	13	27° 48' 49.2637"	102° 06' 46.0087"
473	794,585.498	3,089,847.311	13	27° 54' 09.4673"	102° 00' 26.6387"	532	783,439.127	3,079,711.911	13	27° 48' 49.1655"	102° 07' 22.5447"
474	794,085.386	3,089,834.062	13	27° 54' 09.4347"	102° 00' 44.9199"	533	783,386.129	3,081,712.358	13	27° 49' 54.1389"	102° 07' 22.7657"
475	794,019.139	3,092,334.622	13	27° 55' 30.6438"	102° 00' 45.1082"	534	782,385.905	3,081,685.859	13	27° 49' 54.0392"	102° 07' 59.3073"
476	793,318.982	3,092,316.072	13	27° 55' 30.5965"	102° 01' 10.7074"	535	782,332.907	3,083,686.306	13	27° 50' 59.0129"	102° 07' 59.5342"
477	793,268.634	3,094,216.498	13	27° 56' 32.3167"	102° 01' 10.8534"	536	773,330.896	3,083,447.814	13	27° 50' 57.9981"	102° 13' 28.4733"
478	792,168.388	3,094,187.349	13	27° 56' 32.2395"	102° 01' 51.0873"	537	773,516.390	3,076,446.250	13	27° 47' 10.5761"	102° 13' 27.4843"
479	792,133.939	3,095,487.640	13	27° 57' 14.4689"	102° 01' 51.1911"	538	774,516.614	3,076,472.749	13	27° 47' 10.7011"	102° 12' 50.9558"
480	791,433.782	3,095,469.091	13	27° 57' 14.4187"	102° 02' 16.7974"	539	774,569.612	3,074,472.302	13	27° 46' 05.7235"	102° 12' 50.6773"
481	791,367.535	3,097,969.651	13	27° 58' 35.6294"	102° 02' 17.0012"	540	775,569.835	3,074,498.801	13	27° 46' 05.8463"	102° 12' 14.1551"
482	789,067.020	3,097,908.703	13	27° 58' 35.4564"	102° 03' 41.1546"	541	775,596.334	3,073,498.578	13	27° 45' 33.3576"	102° 12' 14.0185"
483	789,175.666	3,093,807.785	13	27° 56' 22.2687"	102° 03' 40.7909"	542	776,596.558	3,073,525.077	13	27° 45' 33.4779"	102° 11' 37.4995"
484	790,075.867	3,093,831.634	13	27° 56' 22.3389"	102° 03' 07.8724"	543	776,649.556	3,071,524.630	13	27° 44' 28.5009"	102° 11' 37.2317"
485	790,120.915	3,092,131.254	13	27° 55' 27.1157"	102° 03' 07.7251"	544	777,649.779	3,071,551.129	13	27° 44' 28.6189"	102° 11' 00.7197"
486	791,221.161	3,092,160.402	13	27° 55' 27.1982"	102° 02' 27.4973"	545	777,702.778	3,069,550.682	13	27° 43' 23.6422"	102° 11' 00.4563"
487	791,287.409	3,089,659.843	13	27° 54' 05.9869"	102° 02' 27.2877"	546	778,703.001	3,069,577.181	13	27° 43' 23.7587"	102° 10' 23.9498"
488	791,887.543	3,089,675.742	13	27° 54' 06.0313"	102° 02' 05.3499"	547	778,729.500	3,068,576.958	13	27° 42' 51.2698"	102° 10' 23.8211"
489	791,937.891	3,087,775.316	13	27° 53' 04.3107"	102° 02' 05.1937"	548	779,729.724	3,068,603.457	13	27° 42' 51.3831"	102° 09' 47.3179"
490	792,538.025	3,087,791.216	13	27° 53' 04.3544"	102° 01' 43.2589"	549	779,782.722	3,066,603.010	13	27° 41' 46.4077"	102° 09' 47.0659"
491	792,601.623	3,085,390.678	13	27° 51' 46.3918"	102° 01' 43.0638"	550	780,782.945	3,066,629.509	13	27° 41' 46.5181"	102° 09' 10.5689"
492	793,201.757	3,085,406.578	13	27° 51' 46.4349"	102° 01' 21.1341"	551	780,835.944	3,064,629.062	13	27° 40' 41.5423"	102° 09' 10.3227"
493	793,244.155	3,083,806.220	13	27° 50' 54.4599"	102° 01' 21.0061"	552	781,836.167	3,064,655.561	13	27° 40' 41.6511"	102° 08' 33.8312"
494	794,044.334	3,083,827.419	13	27° 50' 54.5167"	102° 00' 51.7705"	553	781,889.165	3,062,655.115	13	27° 39' 36.6756"	102° 08' 33.5894"
495	794,094.682	3,081,926.993	13	27° 49' 52.7967"	102° 00' 51.6224"	554	782,889.389	3,062,681.614	13	27° 39' 36.7822"	102° 07' 57.1049"
						555	782,995.385	3,058,680.720	13	27° 37' 26.8316"	102° 07' 56.6304"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
556	783,995.608	3,058,707.219	13	27° 37' 26.9364"	102° 07' 20.1582"	616	788,446.410	2,945,348.892	13	26° 36' 03.7424"	102° 06' 13.2137"
557	784,075.106	3,055,706.549	13	27° 35' 49.4738"	102° 07' 19.8088"	617	788,439.539	2,945,649.008	13	26° 36' 13.4905"	102° 06' 13.2163"
558	785,075.329	3,055,733.048	13	27° 35' 49.5765"	102° 06' 43.3458"	618	787,639.229	2,945,630.685	13	26° 36' 13.4835"	102° 06' 42.132"
559	785,154.827	3,052,732.378	13	27° 34' 12.1143"	102° 06' 43.0033"	619	787,630.067	2,946,030.840	13	26° 36' 26.4811"	102° 06' 42.1364"
560	786,155.050	3,052,758.877	13	27° 34' 12.215"	102° 06' 06.5495"	620	786,029.447	2,945,994.193	13	26° 36' 26.4623"	102° 07' 39.9702"
561	786,208.048	3,050,758.430	13	27° 33' 07.2404"	102° 06' 06.3259"	621	786,043.189	2,945,393.961	13	26° 36' 06.9657"	102° 07' 39.9609"
562	787,208.272	3,050,784.929	13	27° 33' 07.3389"	102° 05' 29.8783"	622	786,443.344	2,945,403.123	13	26° 36' 06.9711"	102° 07' 25.5031"
563	787,212.427	3,050,631.330	13	27° 33' 02.35"	102° 05' 29.8584"	623	786,473.119	2,944,102.619	13	26° 35' 24.7285"	102° 07' 25.4843"
564	783,206.692	3,050,508.532	13	27° 33' 01.3981"	102° 07' 55.8389"	624	788,473.894	2,944,148.427	13	26° 35' 24.7497"	102° 06' 13.2031"
565	783,816.605	3,030,517.595	13	27° 22' 12.0105"	102° 07' 50.4539"	625	788,483.056	2,943,748.272	13	26° 35' 11.7522"	102° 06' 13.1995"
566	793,812.895	3,030,821.108	13	27° 22' 14.2537"	102° 01' 46.7637"	626	789,277.081	2,943,766.451	13	26° 35' 11.7579"	102° 05' 44.5153"
567	794,417.057	3,010,827.033	13	27° 11' 24.7978"	102° 01' 42.0946"	627	789,284.016	2,943,463.496	13	26° 35' 01.9175"	102° 05' 44.5132"
568	209,956.497	3,010,775.579	14	27° 11' 26.4702"	101° 55' 39.1138"	628	791,678.132	2,943,518.303	13	26° 35' 01.9249"	102° 04' 18.0287"
569	209,237.220	2,970,425.557	14	26° 49' 36.0994"	101° 55' 31.2331"	629	791,716.796	2,942,159.090	13	26° 34' 17.7712"	102° 04' 17.7559"
570	203,733.320	2,970,527.262	14	26° 49' 35.2415"	101° 58' 50.4519"	630	796,715.935	2,942,301.108	13	26° 34' 18.6361"	102° 01' 17.1689"
571	203,622.432	2,964,526.510	14	26° 46' 20.3663"	101° 58' 49.3674"	631	796,871.942	2,936,801.863	13	26° 31' 20.0004"	102° 01' 16.1543"
572	205,522.671	2,964,491.396	14	26° 46' 20.6685"	101° 57' 40.6201"	632	201,208.588	2,936,858.181	14	26° 31' 20.376"	101° 59' 53.154"
573	205,334.163	2,954,290.116	14	26° 40' 49.3726"	101° 57' 38.8559"	633	201,187.323	2,935,943.266	14	26° 30' 50.66"	101° 59' 53.1493"
574	204,634.075	2,954,303.053	14	26° 40' 49.2641"	101° 58' 04.1636"	634	201,393.364	2,935,938.477	14	26° 30' 50.6609"	101° 59' 45.7112"
575	204,680.278	2,956,803.367	14	26° 42' 10.464"	101° 58' 04.5982"	635	201,321.580	2,932,053.851	14	26° 28' 44.5038"	101° 59' 45.0286"
576	201,879.927	2,956,855.114	14	26° 42' 10.0159"	101° 59' 45.8473"	636	202,762.128	2,932,027.232	14	26° 28' 44.7283"	101° 58' 53.0459"
577	201,918.737	2,958,955.377	14	26° 43' 18.2221"	101° 59' 46.2306"	637	202,760.648	2,931,963.614	14	26° 28' 42.6622"	101° 58' 53.046"
578	796,442.345	2,958,904.468	13	26° 43' 17.8182"	102° 01' 13.0529"	638	203,160.817	2,931,954.300	14	26° 28' 42.6611"	101° 58' 38.6041"
579	796,419.420	2,959,704.352	13	26° 43' 43.801"	102° 01' 13.2048"	639	203,149.173	2,931,454.088	14	26° 28' 26.4141"	101° 58' 38.6058"
580	794,719.681	2,959,655.629	13	26° 43' 43.5074"	102° 02' 14.6894"	640	204,149.597	2,931,430.801	14	26° 28' 26.4099"	101° 58' 02.5022"
581	794,713.949	2,959,855.595	13	26° 43' 50.003"	102° 02' 14.7284"	641	204,162.877	2,932,001.347	14	26° 28' 44.9415"	101° 58' 02.4988"
582	791,970.577	2,959,776.948	13	26° 43' 49.5134"	102° 03' 53.9673"	642	207,522.358	2,931,939.268	14	26° 28' 45.4325"	101° 56' 01.2671"
583	791,950.683	2,960,660.245	13	26° 44' 18.2025"	102° 03' 53.95"	643	207,431.800	2,927,038.653	14	26° 26' 06.2718"	101° 56' 00.4978"
584	789,449.789	2,960,603.919	13	26° 44' 18.2387"	102° 05' 24.4126"	644	213,032.503	2,926,935.159	14	26° 26' 07.0202"	101° 52' 38.4586"
585	789,438.524	2,961,104.098	13	26° 44' 34.4846"	102° 05' 24.4063"	645	212,964.122	2,923,234.694	14	26° 24' 06.832"	101° 52' 37.9405"
586	788,438.167	2,961,081.567	13	26° 44' 34.4947"	102° 06' 00.5932"	646	217,964.750	2,923,142.288	14	26° 24' 07.4286"	101° 49' 37.5929"
587	788,449.432	2,960,581.388	13	26° 44' 18.2487"	102° 06' 00.5981"	647	217,979.535	2,923,942.389	14	26° 24' 33.4162"	101° 49' 37.6934"
588	787,449.074	2,960,558.858	13	26° 44' 18.2562"	102° 06' 36.7839"	648	220,179.810	2,923,901.730	14	26° 24' 33.6591"	101° 48' 18.3334"
589	787,482.870	2,959,058.322	13	26° 43' 29.5178"	102° 06' 36.7939"	649	220,172.418	2,923,501.680	14	26° 24' 20.6651"	101° 48' 18.2856"
590	786,482.512	2,959,035.792	13	26° 43' 29.5224"	102° 07' 12.9756"	650	231,173.798	2,923,298.387	14	26° 24' 21.6949"	101° 41' 41.4787"
591	786,487.387	2,958,819.331	13	26° 43' 22.4915"	102° 07' 12.9764"	651	231,329.372	2,931,717.409	14	26° 28' 55.1727"	101° 41' 42.2327"
592	785,738.963	2,958,797.885	13	26° 43' 22.3442"	102° 07' 40.0495"	652	231,483.245	2,931,714.175	14	26° 28' 55.1725"	101° 41' 36.6785"
593	785,788.364	2,957,072.857	13	26° 42' 26.3057"	102° 07' 39.6702"	653	231,462.222	2,930,713.901	14	26° 28' 22.6787"	101° 41' 36.68"
594	785,450.149	2,957,065.239	13	26° 42' 26.3058"	102° 07' 51.9013"	654	231,762.304	2,930,707.594	14	26° 28' 22.6781"	101° 41' 25.8491"
595	785,467.636	2,956,288.824	13	26° 42' 01.0869"	102° 07' 51.9012"	655	231,789.635	2,932,007.950	14	26° 29' 04.9202"	101° 41' 25.8461"
596	784,410.967	2,956,258.583	13	26° 42' 00.8762"	102° 08' 30.1173"	656	231,334.917	2,932,017.507	14	26° 29' 04.9208"	101° 41' 42.2599"
597	784,582.365	2,950,260.500	13	26° 38' 46.0227"	102° 08' 28.7819"	657	231,384.483	2,934,699.817	14	26° 30' 32.0505"	101° 41' 42.5041"
598	785,602.752	2,950,289.612	13	26° 38' 46.2246"	102° 07' 51.8956"	658	244,386.114	2,934,459.561	14	26° 30' 32.9047"	101° 33' 53.0936"
599	785,628.139	2,949,162.414	13	26° 38' 09.6116"	102° 07' 51.8936"	659	244,247.505	2,926,958.621	14	26° 26' 29.2293"	101° 33' 52.6903"
600	788,629.211	2,949,230.005	13	26° 38' 09.6054"	102° 06' 03.4326"	660	251,248.383	2,926,829.252	14	26° 26' 29.5005"	101° 29' 40.0621"
601	788,603.418	2,950,375.223	13	26° 38' 46.803"	102° 06' 03.4249"	661	251,209.573	2,924,728.989	14	26° 25' 21.2679"	101° 29' 39.9929"
602	788,681.198	2,950,377.442	13	26° 38' 46.8176"	102° 06' 00.6133"	662	253,409.849	2,924,688.330	14	26° 25' 21.3266"	101° 28' 20.6062"
603	788,775.247	2,947,078.290	13	26° 36' 59.6441"	102° 05' 59.9221"	663	253,378.549	2,922,994.507	14	26° 24' 26.2975"	101° 28' 20.5616"
604	790,174.240	2,947,118.136	13	26° 36' 59.9043"	102° 05' 09.364"	664	251,410.632	2,923,031.833	14	26° 24' 26.2775"	101° 29' 31.5561"
605	790,185.489	2,946,625.829	13	26° 36' 43.9138"	102° 05' 09.3632"	665	251,429.603	2,924,031.989	14	26° 24' 58.7706"	101° 29' 31.5702"
606	790,085.451	2,946,623.543	13	26° 36' 43.9137"	102° 05' 12.9778"	666	250,429.446	2,924,050.960	14	26° 24' 58.7565"	101° 30' 07.6543"
607	790,094.594	2,946,223.390	13	26° 36' 30.9164"	102° 05' 12.977"	667	250,448.417	2,925,051.116	14	26° 25' 31.2494"	101° 30' 07.6715"
608	790,194.632	2,946,225.676	13	26° 36' 30.9165"	102° 05' 09.3625"	668	247,675.786	2,925,103.706	14	26° 25' 31.1964"	101° 31' 47.7103"
609	790,206.061	2,945,725.484	13	26° 36' 14.6699"	102° 05' 09.3616"	669	247,621.542	2,925,202.092	14	26° 25' 34.3569"	101° 31' 49.7365"
610	791,614.425	2,945,757.866	13	26° 36' 14.6764"	102° 04' 18.4772"	670	247,597.780	2,925,202.561	14	26° 25' 34.3569"	101° 31' 50.5939"
611	791,632.604	2,945,118.824	13	26° 35' 53.9173"	102° 04' 18.3493"	671	247,598.592	2,925,243.720	14	26° 25' 35.6941"	101° 31' 50.5938"
612	790,747.219	2,945,098.556	13	26° 35' 53.9166"	102° 04' 50.3366"	672	247,565.771	2,925,303.251	14	26° 25' 37.6064"	101° 31' 51.8198"
613	790,751.802	2,944,898.374	13	26° 35' 47.4146"	102° 04' 50.3362"	673	247,397.822	2,925,210.655	14	26° 25' 34.492"	101° 31' 57.8116"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
674	247,397.740	2,925,206.509	14	26° 25' 34.3573"	101° 31' 57.8116"	734	254,239.515	2,916,302.687	14	26° 20' 49.5033"	101° 27' 44.9015"
675	247,390.560	2,925,206.651	14	26° 25' 34.3573"	101° 31' 58.0706"	735	254,739.593	2,916,293.202	14	26° 20' 49.5049"	101° 27' 26.8698"
676	247,296.662	2,925,154.882	14	26° 25' 32.6161"	101° 32' 01.4205"	736	254,730.107	2,915,793.124	14	26° 20' 33.2579"	101° 27' 26.8684"
677	247,295.806	2,925,111.490	14	26° 25' 31.2064"	101° 32' 01.4206"	737	255,730.263	2,915,774.153	14	26° 20' 33.2591"	101° 26' 50.8063"
678	246,751.919	2,925,121.806	14	26° 25' 31.1932"	101° 32' 21.0442"	738	255,720.778	2,915,274.075	14	26° 20' 17.0119"	101° 26' 50.8063"
679	246,733.096	2,925,155.946	14	26° 25' 32.2898"	101° 32' 21.7474"	739	256,720.934	2,915,255.104	14	26° 20' 17.0105"	101° 26' 14.7454"
680	246,711.266	2,925,156.377	14	26° 25' 32.2898"	101° 32' 22.5355"	740	256,711.449	2,914,755.026	14	26° 20' 00.7633"	101° 26' 14.7469"
681	246,712.012	2,925,194.188	14	26° 25' 33.5182"	101° 32' 22.5351"	741	257,711.605	2,914,736.056	14	26° 20' 00.7593"	101° 25' 38.6872"
682	246,621.551	2,925,358.265	14	26° 25' 38.7886"	101° 32' 25.9146"	742	257,702.120	2,914,235.977	14	26° 19' 44.5119"	101° 25' 38.6901"
683	246,615.194	2,925,358.391	14	26° 25' 38.7886"	101° 32' 26.1439"	743	258,702.276	2,914,217.007	14	26° 19' 44.5053"	101° 25' 02.6316"
684	246,615.411	2,925,369.402	14	26° 25' 39.1463"	101° 32' 26.144"	744	258,692.791	2,913,716.929	14	26° 19' 28.2578"	101° 25' 02.636"
685	246,175.370	2,926,167.541	14	26° 26' 04.7832"	101° 32' 42.5847"	745	259,692.947	2,913,697.958	14	26° 19' 28.2485"	101° 24' 26.5786"
686	246,130.885	2,926,168.418	14	26° 26' 04.7831"	101° 32' 44.1898"	746	259,683.461	2,913,197.880	14	26° 19' 12.0009"	101° 24' 26.5845"
687	246,132.406	2,926,245.468	14	26° 26' 07.2862"	101° 32' 44.19"	747	260,683.617	2,913,178.909	14	26° 19' 11.989"	101° 23' 50.5283"
688	246,063.825	2,926,369.859	14	26° 26' 11.2817"	101° 32' 46.7525"	748	260,674.132	2,912,678.831	14	26° 18' 55.7414"	101° 23' 50.5356"
689	245,734.754	2,926,376.353	14	26° 26' 11.2809"	101° 32' 58.6267"	749	261,674.288	2,912,659.861	14	26° 18' 39.4791"	101° 23' 14.4806"
690	245,732.780	2,926,276.334	14	26° 26' 08.0315"	101° 32' 58.6264"	750	261,664.803	2,912,159.783	14	26° 18' 39.4791"	101° 23' 14.4893"
691	245,532.740	2,926,280.281	14	26° 26' 08.0309"	101° 33' 05.8446"	751	262,664.959	2,912,140.812	14	26° 18' 39.462"	101° 22' 38.4355"
692	245,530.766	2,926,180.262	14	26° 26' 04.7815"	101° 33' 05.8443"	752	262,655.474	2,911,640.734	14	26° 18' 23.2141"	101° 22' 38.4457"
693	245,482.412	2,926,181.216	14	26° 26' 04.7814"	101° 33' 07.589"	753	263,655.630	2,911,621.763	14	26° 18' 23.1943"	101° 22' 02.3931"
694	246,339.278	2,924,627.044	14	26° 25' 14.8612"	101° 32' 35.5741"	754	263,646.144	2,911,121.685	14	26° 18' 06.9464"	101° 22' 02.4048"
695	246,183.911	2,924,541.383	14	26° 25' 11.9796"	101° 32' 41.1164"	755	264,646.301	2,911,102.715	14	26° 18' 06.924"	101° 21' 26.3534"
696	246,183.688	2,924,530.055	14	26° 25' 11.6116"	101° 32' 41.1163"	756	264,636.815	2,910,602.637	14	26° 17' 50.6759"	101° 21' 26.3665"
697	246,164.067	2,924,530.442	14	26° 25' 11.6116"	101° 32' 41.8242"	757	265,136.893	2,910,593.151	14	26° 17' 50.6638"	101° 21' 08.3414"
698	245,880.433	2,924,374.065	14	26° 25' 06.351"	101° 32' 51.9418"	758	265,250.717	2,916,594.088	14	26° 21' 05.6408"	101° 21' 08.1789"
699	245,877.423	2,924,221.552	14	26° 25' 01.3963"	101° 32' 51.9415"	759	263,750.483	2,916,622.544	14	26° 21' 05.6738"	101° 22' 02.2793"
700	246,036.730	2,923,932.603	14	26° 24' 52.1151"	101° 32' 45.9901"	760	263,769.454	2,917,622.700	14	26° 21' 38.1695"	101° 22' 02.2571"
701	246,071.824	2,923,931.910	14	26° 24' 52.1152"	101° 32' 44.724"	761	262,769.298	2,917,641.671	14	26° 21' 38.1881"	101° 22' 38.3265"
702	246,070.625	2,923,871.125	14	26° 24' 50.1404"	101° 32' 44.7239"	762	262,782.017	2,918,312.248	14	26° 21' 59.9755"	101° 22' 38.3137"
703	246,148.276	2,923,730.284	14	26° 24' 45.6165"	101° 32' 41.8231"	763	265,296.770	2,918,265.778	14	26° 21' 59.9642"	101° 21' 07.6178"
704	246,167.896	2,923,729.896	14	26° 24' 45.6165"	101° 32' 41.1153"	764	265,280.137	2,917,365.665	14	26° 21' 30.7189"	101° 21' 07.6256"
705	246,167.226	2,923,695.912	14	26° 24' 44.5124"	101° 32' 41.1152"	765	267,238.604	2,917,329.475	14	26° 21' 30.6987"	101° 19' 56.9965"
706	246,296.645	2,923,461.173	14	26° 24' 36.9724"	101° 32' 36.2808"	766	267,225.166	2,916,586.295	14	26° 21' 06.5521"	101° 19' 56.9965"
707	246,417.452	2,923,527.778	14	26° 24' 39.2129"	101° 32' 31.9717"	767	268,066.762	2,916,571.078	14	26° 21' 06.5512"	101° 19' 26.6473"
708	246,390.881	2,922,126.530	14	26° 23' 53.6905"	101° 32' 31.9321"	768	268,034.286	2,914,813.605	14	26° 20' 09.4487"	101° 19' 26.677"
709	248,174.799	2,922,092.694	14	26° 23' 53.7312"	101° 31' 27.5826"	769	272,634.863	2,914,728.591	14	26° 20' 09.3512"	101° 16' 40.7927"
710	248,164.706	2,921,561.671	14	26° 23' 36.4796"	101° 31' 27.5713"	770	272,616.381	2,913,728.466	14	26° 19' 36.855"	101° 16' 40.8228"
711	249,164.865	2,921,542.662	14	26° 23' 36.4976"	101° 30' 51.4947"	771	277,617.009	2,913,636.060	14	26° 19' 36.6875"	101° 13' 40.523"
712	249,155.360	2,921,042.583	14	26° 23' 20.2512"	101° 30' 51.4855"	772	277,710.767	2,918,709.856	14	26° 22' 21.5502"	101° 13' 40.3014"
713	250,155.518	2,921,023.574	14	26° 23' 20.2665"	101° 30' 15.4101"	773	278,107.806	2,918,703.097	14	26° 22' 21.5533"	101° 13' 25.9805"
714	250,142.212	2,920,323.463	14	26° 22' 57.5213"	101° 30' 15.3992"	774	278,080.567	2,917,103.020	14	26° 21' 29.5634"	101° 13' 25.9677"
715	250,642.291	2,920,313.958	14	26° 22' 57.528"	101° 29' 57.3624"	775	279,080.989	2,917,085.990	14	26° 21' 29.5692"	101° 12' 49.8875"
716	250,634.687	2,919,913.895	14	26° 22' 44.5307"	101° 29' 57.3568"	776	279,070.776	2,916,486.041	14	26° 21' 10.0754"	101° 12' 49.8845"
717	251,134.767	2,919,904.390	14	26° 22' 44.5367"	101° 29' 39.3205"	777	279,338.566	2,916,481.482	14	26° 21' 10.0765"	101° 12' 40.2271"
718	251,121.460	2,919,204.280	14	26° 22' 21.7914"	101° 29' 39.3118"	778	279,338.154	2,916,457.296	14	26° 21' 09.2907"	101° 12' 40.227"
719	251,737.906	2,919,192.563	14	26° 22' 21.7977"	101° 29' 17.0796"	779	279,838.179	2,916,448.775	14	26° 21' 09.292"	101° 12' 22.1944"
720	251,732.793	2,918,923.541	14	26° 22' 13.0577"	101° 29' 17.0768"	780	279,819.433	2,915,348.721	14	26° 20' 33.5484"	101° 12' 22.1922"
721	252,111.877	2,918,916.335	14	26° 22' 13.0611"	101° 29' 03.4053"	781	280,251.321	2,915,341.361	14	26° 20' 33.5489"	101° 12' 06.6181"
722	252,111.117	2,918,876.366	14	26° 22' 11.7626"	101° 29' 03.405"	782	280,244.922	2,914,965.467	14	26° 20' 21.3351"	101° 12' 06.6176"
723	253,314.640	2,918,853.492	14	26° 22' 11.7711"	101° 28' 20.0006"	783	282,045.008	2,914,934.823	14	26° 20' 21.3331"	101° 11' 01.7073"
724	253,276.374	2,916,843.780	14	26° 21' 06.4782"	101° 28' 19.9911"	784	282,036.496	2,914,434.799	14	26° 20' 05.0858"	101° 11' 01.7092"
725	253,776.453	2,916,834.275	14	26° 21' 06.4804"	101° 28' 01.9588"	785	284,036.592	2,914,400.751	14	26° 20' 05.0738"	101° 09' 49.5887"
726	253,808.768	2,918,534.544	14	26° 22' 01.7201"	101° 28' 01.9665"	786	284,062.128	2,915,900.823	14	26° 20' 53.8162"	101° 09' 49.5748"
727	256,809.242	2,918,477.518	14	26° 22' 01.7214"	101° 26' 13.7569"	787	283,062.080	2,915,917.847	14	26° 20' 53.8231"	101° 10' 25.6393"
728	256,805.018	2,918,255.249	14	26° 21' 54.5"	101° 26' 13.7577"	788	283,097.831	2,918,017.948	14	26° 22' 02.0619"	101° 10' 25.6264"
729	254,277.460	2,918,303.191	14	26° 21' 54.4974"	101° 27' 44.9104"	789	281,197.740	2,918,050.294	14	26° 22' 02.0675"	101° 11' 34.1597"
730	254,270.295	2,917,925.461	14	26° 21' 42.2254"	101° 27' 44.9087"	790	281,213.221	2,918,959.727	14	26° 22' 31.6174"	101° 11' 34.1592"
731	254,197.426	2,917,926.846	14	26° 21' 42.2252"	101° 27' 47.5365"	791	281,362.048	2,919,080.355	14	26° 22' 35.618"	101° 11' 28.8664"
732	254,187.921	2,917,426.767	14	26° 21' 25.9782"	101° 27' 47.5348"	792	281,356.147	2,918,733.696	14	26° 22' 24.3541"	101° 11' 28.8667"
733	254,260.810	2,917,425.382	14	26° 21' 25.9784"	101° 27' 44.9064"	793	281,656.161	2,918,728.589	14	26° 22' 24.3538"	101° 11' 18.0451"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
794	281,651.054	2,918,428.574	14	26° 22' 14.6055"	101° 11' 18.0456"	854	274,081.223	2,949,332.838	14	26° 38' 54.1611"	101° 16' 10.7097"
795	281,951.068	2,918,423.467	14	26° 22' 14.6049"	101° 11' 07.2243"	855	275,581.450	2,949,303.677	14	26° 38' 54.0772"	101° 15' 16.4669"
796	281,956.176	2,918,723.481	14	26° 22' 24.3532"	101° 11' 07.2235"	856	275,552.290	2,947,803.449	14	26° 38' 05.3321"	101° 15' 16.5636"
797	281,856.171	2,918,725.184	14	26° 22' 24.3534"	101° 11' 10.8307"	857	277,952.654	2,947,756.792	14	26° 38' 05.1854"	101° 13' 49.7844"
798	281,864.683	2,919,225.208	14	26° 22' 40.6006"	101° 11' 10.8296"	858	278,022.640	2,951,357.338	14	26° 40' 02.175"	101° 13' 49.5284"
799	281,664.673	2,919,228.613	14	26° 22' 40.6009"	101° 11' 18.0443"	859	276,122.351	2,951,394.275	14	26° 40' 02.2912"	101° 14' 58.2482"
800	281,681.697	2,920,228.661	14	26° 23' 13.0952"	101° 11' 18.0427"	860	276,137.904	2,952,194.396	14	26° 40' 28.2886"	101° 14' 58.196"
801	281,327.012	2,920,234.699	14	26° 23' 13.0955"	101° 11' 30.8378"	861	274,137.600	2,952,233.278	14	26° 40' 28.4006"	101° 16' 10.5364"
802	281,330.517	2,920,440.260	14	26° 23' 19.7747"	101° 11' 30.8375"	862	274,088.999	2,949,732.898	14	26° 39' 07.1596"	101° 16' 10.6857"
803	281,230.512	2,920,441.965	14	26° 23' 19.7748"	101° 11' 34.4451"	863	271,088.544	2,949,791.220	14	26° 39' 07.3098"	101° 17' 59.1735"
804	281,235.627	2,920,741.979	14	26° 23' 29.5231"	101° 11' 34.4448"	864	271,150.754	2,952,991.706	14	26° 40' 51.2965"	101° 17' 59.0099"
805	281,035.624	2,920,745.309	14	26° 23' 29.5206"	101° 11' 41.66"	865	268,888.233	2,953,035.684	14	26° 40' 51.3932"	101° 19' 20.8356"
806	281,040.739	2,921,045.324	14	26° 23' 39.2689"	101° 11' 41.6599"	866	268,914.146	2,954,408.238	14	26° 41' 35.9876"	101° 19' 20.8026"
807	280,600.532	2,921,052.829	14	26° 23' 39.2688"	101° 11' 57.5411"	867	265,413.701	2,954,474.325	14	26° 41' 36.047"	101° 21' 27.4091"
808	280,623.580	2,921,075.100	14	26° 23' 40.005"	101° 11' 56.7235"	868	265,432.583	2,955,474.452	14	26° 42' 08.5405"	101° 21' 27.3953"
809	280,484.573	2,921,218.951	14	26° 23' 44.6006"	101° 12' 01.8256"	869	264,432.456	2,955,493.334	14	26° 42' 08.5516"	101° 22' 03.571"
810	280,340.723	2,921,079.943	14	26° 23' 40.0054"	101° 12' 06.9281"	870	264,460.779	2,956,993.524	14	26° 42' 57.2915"	101° 22' 03.5549"
811	279,714.761	2,921,726.854	14	26° 24' 00.6708"	101° 12' 29.904"	871	263,460.652	2,957,012.406	14	26° 42' 57.2996"	101° 22' 39.7347"
812	279,590.312	2,921,606.596	14	26° 23' 56.6952"	101° 12' 34.3181"	872	263,507.858	2,959,512.724	14	26° 44' 18.5322"	101° 22' 39.7161"
813	279,595.547	2,921,911.236	14	26° 24' 06.5936"	101° 12' 34.3178"	873	261,007.540	2,959,559.929	14	26° 44' 18.5402"	101° 24' 10.1824"
814	279,111.955	2,921,919.546	14	26° 24' 06.5938"	101° 12' 51.7652"	874	260,884.807	2,953,059.103	14	26° 40' 47.3382"	101° 24' 10.187"
815	278,873.783	2,922,165.979	14	26° 24' 14.4655"	101° 13' 00.5086"	875	255,884.172	2,953,153.514	14	26° 40' 47.3125"	101° 27' 11.0227"
816	278,890.807	2,922,182.432	14	26° 24' 15.0094"	101° 12' 59.9048"	876	255,903.054	2,954,153.641	14	26° 41' 19.8042"	101° 27' 11.0357"
817	278,659.376	2,922,186.378	14	26° 24' 15.0081"	101° 13' 08.2546"	877	250,902.419	2,954,248.051	14	26° 41' 19.7134"	101° 30' 11.8802"
818	278,640.765	2,921,094.835	14	26° 23' 39.5416"	101° 13' 08.2476"	878	250,940.183	2,956,248.305	14	26° 42' 24.6948"	101° 30' 11.9354"
819	277,755.117	2,921,109.912	14	26° 23' 39.5348"	101° 13' 40.1983"	879	246,102.535	2,956,339.638	14	26° 42' 24.544"	101° 33' 06.9078"
820	277,773.362	2,922,097.257	14	26° 24' 11.6164"	101° 13' 40.1562"	880	246,204.413	2,961,580.893	14	26° 45' 14.8104"	101° 33' 07.0233"
821	278,532.718	2,922,084.209	14	26° 24' 11.6185"	101° 13' 12.7595"	881	244,804.200	2,961,608.110	14	26° 45' 14.7794"	101° 33' 57.688"
822	278,541.311	2,922,584.236	14	26° 24' 27.8655"	101° 13' 12.7605"	882	244,870.298	2,965,008.626	14	26° 47' 05.2463"	101° 33' 57.78"
823	277,782.602	2,922,597.273	14	26° 24' 27.8633"	101° 13' 40.135"	883	248,770.890	2,964,932.808	14	26° 47' 05.3228"	101° 31' 36.6035"
824	277,785.187	2,922,737.201	14	26° 24' 32.4099"	101° 13' 40.129"	884	248,905.030	2,971,833.855	14	26° 50' 49.5099"	101° 31' 36.7211"
825	274,584.786	2,922,796.341	14	26° 24' 32.5192"	101° 15' 35.6032"	885	250,534.485	2,971,802.182	14	26° 50' 49.5326"	101° 30' 37.712"
826	274,642.078	2,925,896.730	14	26° 26' 13.2573"	101° 15' 35.5005"	886	250,487.253	2,969,377.291	14	26° 49' 30.757"	101° 30' 37.6843"
827	267,141.137	2,926,035.339	14	26° 26' 13.4076"	101° 20' 06.2005"	887	255,488.024	2,969,279.886	14	26° 49' 30.7747"	101° 27' 36.6172"
828	267,174.403	2,927,835.564	14	26° 27' 11.8981"	101° 20' 06.1798"	888	255,501.876	2,969,944.697	14	26° 49' 52.3732"	101° 27' 36.5824"
829	262,173.776	2,927,927.970	14	26° 27' 11.9173"	101° 23' 06.6654"	889	256,972.035	2,969,916.121	14	26° 49' 52.3683"	101° 26' 43.3474"
830	262,219.979	2,930,428.284	14	26° 28' 33.1516"	101° 23' 06.673"	890	257,002.371	2,971,476.356	14	26° 50' 43.0564"	101° 26' 43.3382"
831	258,719.540	2,930,492.968	14	26° 28' 33.1256"	101° 25' 13.0344"	891	261,769.712	2,971,383.690	14	26° 50' 43.0035"	101° 23' 50.6861"
832	258,752.806	2,932,293.194	14	26° 29' 31.6129"	101° 25' 13.0585"	892	261,803.410	2,973,117.367	14	26° 51' 39.3277"	101° 23' 50.6531"
833	255,752.430	2,932,348.638	14	26° 29' 31.5649"	101° 27' 01.3814"	893	262,336.874	2,973,106.998	14	26° 51' 39.3183"	101° 23' 31.3305"
834	255,791.240	2,934,448.901	14	26° 30' 39.7986"	101° 27' 01.4282"	894	262,365.385	2,974,573.758	14	26° 52' 26.971"	101° 23' 31.3008"
835	252,790.864	2,934,504.345	14	26° 30' 39.7265"	101° 28' 49.7669"	895	265,628.158	2,974,510.337	14	26° 52' 26.8984"	101° 21' 33.1043"
836	252,850.004	2,937,704.746	14	26° 32' 23.6995"	101° 28' 49.8672"	896	265,623.931	2,974,270.630	14	26° 52' 19.1109"	101° 21' 33.0958"
837	251,449.828	2,937,730.620	14	26° 32' 23.6571"	101° 29' 40.4372"	897	266,424.012	2,974,255.769	14	26° 52' 19.1113"	101° 21' 04.1129"
838	251,472.667	2,938,966.574	14	26° 33' 03.8097"	101° 29' 40.4815"	898	266,428.452	2,974,494.781	14	26° 52' 26.8764"	101° 21' 04.1128"
839	253,768.214	2,938,921.954	14	26° 33' 03.8057"	101° 28' 17.5635"	899	266,628.310	2,974,490.897	14	26° 52' 26.8707"	101° 20' 56.8727"
840	253,824.592	2,941,822.394	14	26° 34' 38.0355"	101° 28' 17.5494"	900	266,639.202	2,975,051.286	14	26° 52' 45.0772"	101° 20' 56.8546"
841	259,425.442	2,941,713.527	14	26° 34' 37.9726"	101° 24' 55.1891"	901	265,639.050	2,975,070.726	14	26° 52' 45.1049"	101° 21' 33.0879"
842	259,402.113	2,940,513.345	14	26° 33' 58.9797"	101° 24' 55.2138"	902	265,640.994	2,975,170.741	14	26° 52' 48.3542"	101° 21' 33.0849"
843	264,402.872	2,940,416.142	14	26° 33' 58.8548"	101° 21' 54.5463"	903	265,540.979	2,975,172.685	14	26° 52' 48.3569"	101° 21' 36.7083"
844	264,420.368	2,941,316.279	14	26° 34' 28.1003"	101° 21' 54.515"	904	265,542.923	2,975,272.701	14	26° 52' 51.6063"	101° 21' 36.7054"
845	263,820.277	2,941,327.943	14	26° 34' 28.1186"	101° 22' 16.1969"	905	267,041.953	2,975,243.563	14	26° 52' 51.5643"	101° 20' 42.3979"
846	263,841.662	2,942,428.110	14	26° 35' 03.863"	101° 22' 16.1608"	906	267,032.169	2,974,655.374	14	26° 52' 32.4555"	101° 20' 42.3578"
847	264,441.753	2,942,416.446	14	26° 35' 03.8448"	101° 21' 54.477"	907	267,161.387	2,974,653.239	14	26° 52' 32.4639"	101° 20' 37.6769"
848	264,453.417	2,943,016.537	14	26° 35' 23.3418"	101° 21' 54.4564"	908	267,157.498	2,974,453.208	14	26° 52' 25.965"	101° 20' 37.6837"
849	263,453.265	2,943,035.977	14	26° 35' 23.3714"	101° 22' 30.5977"	909	268,552.220	2,974,426.098	14	26° 52' 25.9201"	101° 19' 47.1579"
850	263,472.119	2,944,005.904	14	26° 35' 54.8842"	101° 22' 30.5672"	910	268,562.043	2,974,931.455	14	26° 52' 42.3389"	101° 19' 47.1388"
851	268,715.884	2,943,906.904	14	26° 35' 54.7966"	101° 19' 21.0648"	911	267,932.557	2,974,943.691	14	26° 52' 42.3597"	101° 20' 09.9438"
852	268,825.920	2,949,735.147	14	26° 39' 04.1582"	101° 19' 20.9165"	912	267,939.084	2,975,279.432	14	26° 52' 53.2677"	101° 20' 09.9317"
853	274,087.055	2,949,632.883	14	26° 39' 03.91"	101° 16' 10.6917"	913	267,607.929	2,975,285.868	14	26° 52' 53.2782"	101° 20' 21.929"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
914	267,612.445	2,975,530.676	14	26° 53' 01.2317"	101° 20' 21.9293"	974	392,113.106	2,962,584.542	14	26° 46' 55.2078"	100° 05' 06.9331"
915	267,643.428	2,975,530.074	14	26° 53' 01.2308"	101° 20' 20.8068"	975	392,102.816	2,961,289.868	14	26° 46' 13.1287"	100° 05' 06.9056"
916	267,639.259	2,975,315.603	14	26° 52' 54.2627"	101° 20' 20.8143"	976	390,703.257	2,961,300.802	14	26° 46' 13.0935"	100° 05' 57.5789"
917	268,024.917	2,975,308.107	14	26° 52' 54.2504"	101° 20' 06.8423"	977	390,602.506	2,948,404.862	14	26° 39' 13.9523"	100° 05' 57.1997"
918	268,032.659	2,975,706.433	14	26° 53' 07.1918"	101° 20' 06.8279"	978	380,105.810	2,948,486.868	14	26° 39' 13.5402"	100° 12' 16.8567"
919	269,107.053	2,975,686.281	14	26° 53' 07.1793"	101° 19' 27.9028"	979	380,074.570	2,944,488.127	14	26° 37' 03.5766"	100° 12' 16.6232"
920	269,114.405	2,976,085.959	14	26° 53' 20.1644"	101° 19' 27.9023"	980	389,571.580	2,944,413.930	14	26° 37' 03.9579"	100° 06' 33.2325"
921	268,414.758	2,976,098.828	14	26° 53' 20.1646"	101° 19' 53.251"	981	389,523.157	2,938,215.882	14	26° 33' 42.5073"	100° 06' 33.0413"
922	268,446.782	2,977,746.392	14	26° 54' 13.6929"	101° 19' 53.1902"	982	395,621.238	2,938,168.240	14	26° 33' 42.6274"	100° 02' 52.6505"
923	272,420.915	2,977,669.144	14	26° 54' 13.5415"	101° 17' 29.1814"	983	395,535.326	2,927,171.702	14	26° 27' 45.2053"	100° 02' 52.5104"
924	272,371.714	2,975,138.008	14	26° 52' 51.3046"	101° 17' 29.3042"	984	371,542.879	2,927,359.145	14	26° 27' 44.2114"	100° 17' 18.853"
925	272,404.161	2,975,137.377	14	26° 52' 51.3032"	101° 17' 28.1286"	985	371,503.829	2,922,360.718	14	26° 25' 01.7568"	100° 17' 18.4556"
926	272,399.280	2,974,879.013	14	26° 52' 42.909"	101° 17' 28.1362"	986	373,503.199	2,922,345.098	14	26° 25' 01.8943"	100° 16' 06.291"
927	280,377.840	2,974,723.928	14	26° 52' 42.4771"	101° 12' 39.0757"	987	373,479.769	2,919,346.042	14	26° 23' 24.4204"	100° 16' 06.0709"
928	280,382.862	2,974,982.290	14	26° 52' 50.8717"	101° 12' 39.0571"	988	375,479.139	2,919,330.422	14	26° 23' 24.5471"	100° 14' 53.9228"
929	281,047.275	2,974,969.376	14	26° 52' 50.8283"	101° 12' 14.9847"	989	375,463.519	2,917,331.051	14	26° 22' 19.5639"	100° 14' 53.7879"
930	281,048.505	2,975,032.671	14	26° 52' 52.8849"	101° 12' 14.98"	990	376,463.204	2,917,323.241	14	26° 22' 19.6233"	100° 14' 17.7192"
931	281,056.460	2,975,032.540	14	26° 52' 52.8851"	101° 12' 14.6918"	991	376,443.679	2,914,824.028	14	26° 20' 58.3937"	100° 14' 17.5583"
932	281,048.189	2,974,532.540	14	26° 52' 36.6401"	101° 12' 14.6762"	992	377,443.364	2,914,816.218	14	26° 20' 58.4503"	100° 13' 41.4965"
933	281,383.250	2,974,526.997	14	26° 52' 36.6493"	101° 12' 02.5376"	993	377,419.934	2,911,817.162	14	26° 19' 20.9742"	100° 13' 41.3128"
934	281,290.874	2,969,774.527	14	26° 50' 02.2329"	101° 12' 02.8951"	994	378,419.619	2,911,809.352	14	26° 19' 21.028"	100° 13' 05.2592"
935	285,869.354	2,969,685.596	14	26° 50' 01.8971"	101° 09' 17.0771"	995	378,236.081	2,888,316.748	14	26° 06' 37.4502"	100° 13' 03.9223"
936	285,865.481	2,969,451.482	14	26° 49' 54.2905"	101° 09' 17.0734"	996	377,236.396	2,888,324.558	14	26° 06' 37.3989"	100° 13' 39.9105"
937	286,923.518	2,969,433.980	14	26° 49' 54.3042"	101° 08' 38.7567"	997	377,220.776	2,886,325.187	14	26° 05' 32.4127"	100° 13' 39.7942"
938	286,815.995	2,962,933.959	14	26° 46' 23.1094"	101° 08' 38.6767"	998	378,220.461	2,886,317.377	14	26° 05' 32.4638"	100° 13' 03.8115"
939	288,317.875	2,962,909.115	14	26° 46' 23.1222"	101° 07' 44.314"	999	378,212.651	2,885,317.692	14	26° 04' 59.9706"	100° 13' 03.7563"
940	288,305.879	2,962,183.935	14	26° 45' 59.5598"	101° 07' 44.3087"	1000	379,212.336	2,885,309.882	14	26° 05' 00.0192"	100° 12' 27.7763"
941	288,855.479	2,962,174.843	14	26° 45' 59.563"	101° 07' 24.4161"	1001	379,204.526	2,884,310.196	14	26° 04' 27.5258"	100° 12' 27.7239"
942	288,850.933	2,961,900.003	14	26° 45' 50.6329"	101° 07' 24.4146"	1002	380,204.211	2,884,302.386	14	26° 04' 27.5718"	100° 11' 51.7465"
943	289,299.443	2,961,892.584	14	26° 45' 50.6349"	101° 07' 08.1812"	1003	380,196.401	2,883,302.701	14	26° 03' 55.0782"	100° 11' 51.6971"
944	289,282.901	2,960,892.584	14	26° 45' 18.1429"	101° 07' 08.177"	1004	381,196.087	2,883,294.891	14	26° 03' 55.1216"	100° 11' 15.7223"
945	290,282.902	2,960,876.042	14	26° 45' 18.1453"	101° 06' 31.9858"	1005	381,188.276	2,882,295.205	14	26° 03' 22.6279"	100° 11' 15.6757"
946	290,272.727	2,960,147.870	14	26° 44' 54.4864"	101° 06' 31.9173"	1006	382,187.962	2,882,287.395	14	26° 03' 22.6687"	100° 10' 39.7036"
947	291,022.327	2,960,135.470	14	26° 44' 54.4864"	101° 06' 04.7898"	1007	382,180.152	2,881,287.710	14	26° 02' 50.1749"	100° 10' 39.6599"
948	291,017.830	2,959,863.630	14	26° 44' 45.6537"	101° 06' 04.7901"	1008	383,179.837	2,881,279.900	14	26° 02' 50.2132"	100° 10' 03.6904"
949	291,015.923	2,959,863.669	14	26° 44' 45.6539"	101° 06' 04.8591"	1009	383,172.027	2,880,280.215	14	26° 02' 17.7192"	100° 10' 03.6495"
950	290,954.600	2,956,162.936	14	26° 42' 45.408"	101° 06' 04.8681"	1010	384,171.712	2,880,272.404	14	26° 02' 17.7548"	100° 09' 27.6827"
951	293,047.385	2,956,128.257	14	26° 42' 45.3972"	101° 04' 49.1549"	1011	384,163.902	2,879,272.719	14	26° 01' 45.2607"	100° 09' 27.6447"
952	292,997.677	2,953,128.506	14	26° 41' 07.9264"	101° 04' 49.182"	1012	385,163.587	2,879,264.909	14	26° 01' 45.2938"	100° 08' 51.6806"
953	292,762.633	2,952,962.260	14	26° 41' 02.4014"	101° 04' 57.5831"	1013	385,155.777	2,878,265.224	14	26° 01' 12.7996"	100° 08' 51.6454"
954	292,989.605	2,952,641.360	14	26° 40' 52.0976"	101° 04' 49.1866"	1014	386,155.462	2,878,257.414	14	26° 01' 12.83"	100° 08' 15.6839"
955	292,964.515	2,951,127.240	14	26° 40' 02.8992"	101° 04' 49.201"	1015	386,147.652	2,877,257.728	14	26° 00' 40.3357"	100° 08' 15.6516"
956	297,965.532	2,951,044.371	14	26° 40' 02.8238"	101° 01' 48.3414"	1016	387,147.338	2,877,249.918	14	26° 00' 40.3636"	100° 07' 39.6927"
957	297,899.236	2,947,043.557	14	26° 37' 52.8214"	101° 01' 48.4385"	1017	387,178.578	2,881,248.659	14	26° 02' 50.3411"	100° 07' 39.8115"
958	300,899.846	2,946,993.835	14	26° 37' 52.7435"	100° 59' 59.9548"	1018	386,178.893	2,881,256.469	14	26° 02' 50.3128"	100° 08' 15.7814"
959	300,816.977	2,941,992.818	14	26° 35' 10.2373"	101° 00' 00.1228"	1019	386,194.513	2,883,255.840	14	26° 03' 55.3012"	100° 08' 15.8469"
960	303,817.587	2,941,943.097	14	26° 35' 10.1341"	100° 58' 11.6801"	1020	385,194.828	2,883,263.650	14	26° 03' 55.2703"	100° 08' 51.8222"
961	303,734.717	2,936,942.080	14	26° 32' 27.6246"	100° 58' 11.895"	1021	385,202.638	2,884,263.335	14	26° 04' 27.7643"	100° 08' 51.8579"
962	307,735.531	2,936,875.784	14	26° 32' 27.4481"	100° 55' 47.3591"	1022	384,202.953	2,884,271.146	14	26° 04' 27.7308"	100° 09' 27.8358"
963	307,652.661	2,931,874.767	14	26° 29' 44.9347"	100° 55' 47.6347"	1023	384,210.763	2,885,270.831	14	26° 05' 00.2246"	100° 09' 27.8744"
964	312,653.678	2,931,791.898	14	26° 29' 44.6531"	100° 52' 47.0319"	1024	383,211.077	2,885,278.641	14	26° 05' 00.1885"	100° 10' 03.855"
965	312,587.382	2,927,791.084	14	26° 27' 34.6386"	100° 52' 47.3118"	1025	383,218.888	2,886,278.326	14	26° 05' 32.6823"	100° 10' 03.8964"
966	328,590.636	2,927,525.901	14	26° 27' 33.3015"	100° 43' 09.5381"	1026	382,219.202	2,886,286.136	14	26° 05' 32.6436"	100° 10' 39.8797"
967	328,692.718	2,933,686.327	14	26° 30' 53.5102"	100° 43' 08.8299"	1027	382,227.012	2,887,285.822	14	26° 06' 05.1372"	100° 10' 39.924"
968	378,070.134	2,932,835.052	14	26° 30' 44.2463"	100° 13' 25.068"	1028	380,227.642	2,887,301.442	14	26° 06' 05.0521"	100° 11' 51.8956"
969	378,367.962	2,950,110.235	14	26° 40' 05.7604"	100° 13' 20.2695"	1029	380,235.452	2,888,301.127	14	26° 06' 37.5455"	100° 11' 51.9456"
970	390,139.711	2,949,907.288	14	26° 40' 02.6511"	100° 06' 14.4076"	1030	378,336.050	2,888,315.967	14	26° 06' 37.4552"	100° 13' 00.3235"
971	390,370.596	2,963,299.552	14	26° 47' 17.9578"	100° 06' 10.2503"	1031	378,394.626	2,895,813.606	14	26° 10' 41.1528"	100° 13' 00.7411"
972	390,603.905	2,963,295.530	14	26° 47' 17.8928"	100° 06' 01.8009"	1032	388,391.479	2,895,735.505	14	26° 10' 41.534"	100° 07' 00.645"
973	390,592.099	2,962,610.765	14	26° 46' 55.6351"	100° 06' 02.0138"	1033	388,446.150	2,902,733.302	14	26° 14' 28.9897"	100° 07' 00.8461"

VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	E	N	ZONA	LATITUD	LONGITUD		E	N	ZONA	LATITUD	LONGITUD
1034	384,447.408	2,902,764.542	14	26° 14' 28.8646"	100° 09' 24.9637"	1094	424,839.258	3,033,412.304	14	27° 25' 24.878"	99° 45' 37.4236"
1035	384,509.889	2,910,762.025	14	26° 18' 48.8086"	100° 09' 25.2891"	1095	424,820.970	3,030,413.355	14	27° 23' 47.4101"	99° 45' 37.4223"
1036	382,510.519	2,910,777.645	14	26° 18' 48.7295"	100° 10' 37.3918"	1096	424,920.935	3,030,412.745	14	27° 23' 47.4101"	99° 45' 33.7825"
1037	382,569.095	2,918,275.285	14	26° 22' 52.4232"	100° 10' 37.7451"	1097	424,918.496	3,030,012.885	14	27° 23' 34.4144"	99° 45' 33.7825"
1038	395,565.004	2,918,173.753	14	26° 22' 52.7663"	100° 02' 48.7969"	1098	425,018.461	3,030,012.275	14	27° 23' 34.4143"	99° 45' 30.1428"
1039	395,721.206	2,938,167.459	14	26° 33' 42.6286"	100° 02' 49.0375"	1099	425,012.975	3,029,112.591	14	27° 23' 05.1739"	99° 45' 30.1431"
1040	406,517.807	2,938,083.110	14	26° 33' 42.6062"	99° 56' 18.8289"	1100	425,112.940	3,029,111.981	14	27° 23' 05.1738"	99° 45' 26.5036"
1041	406,564.668	2,944,081.221	14	26° 36' 57.5668"	99° 56' 18.7247"	1101	425,097.090	3,026,512.892	14	27° 21' 40.7012"	99° 45' 26.5056"
1042	412,562.855	2,944,034.360	14	26° 36' 57.4286"	99° 52' 41.8332"	1102	425,197.055	3,026,512.282	14	27° 21' 40.7011"	99° 45' 22.8669"
1043	412,563.636	2,944,134.329	14	26° 37' 00.678"	99° 52' 41.8298"	1103	425,192.788	3,025,812.528	14	27° 21' 17.9584"	99° 45' 22.8677"
1044	414,563.015	2,944,118.709	14	26° 37' 00.6115"	99° 51' 29.5321"	1104	425,292.753	3,025,811.918	14	27° 21' 17.9583"	99° 45' 19.2292"
1045	414,797.320	2,974,109.393	14	26° 53' 15.413"	99° 51' 28.3692"	1105	425,287.876	3,025,012.198	14	27° 20' 51.9666"	99° 45' 19.2304"
1046	394,803.530	2,974,265.596	14	26° 53' 15.5729"	100° 03' 33.0477"	1106	425,380.075	3,025,010.835	14	27° 20' 51.9404"	99° 45' 15.8747"
1047	394,718.399	2,963,368.900	14	26° 47' 21.4132"	100° 03' 32.8368"	1107	425,378.908	3,024,810.905	14	27° 20' 45.4425"	99° 45' 15.8731"
1048	394,618.430	2,963,369.681	14	26° 47' 21.4115"	100° 03' 36.4569"	1108	425,478.872	3,024,810.322	14	27° 20' 45.4432"	99° 45' 12.235"
1049	394,616.868	2,963,169.744	14	26° 47' 14.9132"	100° 03' 36.4531"	1109	425,474.787	3,024,110.569	14	27° 20' 22.7005"	99° 45' 12.2299"
1050	394,216.994	2,963,172.868	14	26° 47' 14.9061"	100° 03' 50.9335"	1110	425,574.751	3,024,109.985	14	27° 20' 22.7011"	99° 45' 08.592"
1051	394,216.213	2,963,072.900	14	26° 47' 11.657"	100° 03' 50.9315"	1111	425,571.833	3,023,610.161	14	27° 20' 06.4563"	99° 45' 08.5885"
1052	393,587.322	2,963,077.813	14	26° 47' 11.6451"	100° 04' 13.7049"	1112	425,671.798	3,023,609.578	14	27° 20' 06.457"	99° 45' 04.9507"
1053	393,917.818	2,982,247.909	14	26° 57' 34.748"	100° 04' 07.5913"	1113	425,667.128	3,022,809.860	14	27° 19' 40.4653"	99° 45' 04.9454"
1054	373,591.146	2,982,598.210	14	26° 57' 40.0094"	100° 16' 24.8308"	1114	425,767.093	3,022,809.276	14	27° 19' 40.4659"	99° 45' 01.3078"
1055	373,596.929	2,983,041.784	14	26° 57' 54.4258"	100° 16' 24.7833"	1115	425,764.758	3,022,409.417	14	27° 19' 27.47"	99° 45' 01.3053"
1056	393,593.900	2,982,781.103	14	26° 57' 51.987"	100° 04' 19.5022"	1116	425,864.723	3,022,408.834	14	27° 19' 27.4706"	99° 44' 57.6679"
1057	393,707.296	2,991,479.786	14	27° 02' 34.7128"	100° 04' 18.0692"	1117	425,861.805	3,021,909.010	14	27° 19' 11.2257"	99° 44' 57.6648"
1058	417,104.260	2,991,174.791	14	27° 02' 30.5558"	99° 50' 08.8476"	1118	425,961.769	3,021,908.427	14	27° 19' 11.2263"	99° 44' 54.0276"
1059	417,102.375	2,991,069.043	14	27° 02' 27.1186"	99° 50' 08.8906"	1119	425,960.602	3,021,708.497	14	27° 19' 04.7283"	99° 44' 54.0264"
1060	416,575.764	2,991,078.430	14	27° 02' 27.3098"	99° 50' 28.0053"	1120	426,060.567	3,021,707.913	14	27° 19' 04.7288"	99° 44' 50.3892"
1061	416,544.599	2,989,330.147	14	27° 01' 30.4828"	99° 50' 28.7129"	1121	426,059.983	3,021,607.949	14	27° 19' 01.4799"	99° 44' 50.3887"
1062	423,344.908	2,989,208.925	14	27° 01' 27.9575"	99° 46' 21.9122"	1122	426,159.948	3,021,607.365	14	27° 19' 01.4803"	99° 44' 46.7515"
1063	424,361.033	3,046,211.512	14	27° 32' 20.7454"	99° 45' 57.7157"	1123	426,158.197	3,021,307.471	14	27° 18' 51.7334"	99° 44' 46.7499"
1064	424,817.290	3,046,203.379	14	27° 32' 20.5725"	99° 45' 41.0804"	1124	426,264.968	3,021,306.835	14	27° 18' 51.7335"	99° 44' 42.8652"
1065	424,816.102	3,046,008.499	14	27° 32' 14.2389"	99° 45' 41.0801"	1125	426,263.752	3,021,107.469	14	27° 18' 45.2538"	99° 44' 42.8661"
1066	424,716.137	3,046,009.108	14	27° 32' 14.2387"	99° 45' 44.7245"	1126	426,363.717	3,021,106.859	14	27° 18' 45.2534"	99° 44' 39.2291"
1067	424,704.554	3,044,109.774	14	27° 31' 12.5101"	99° 45' 44.7209"	1127	426,362.498	3,020,906.929	14	27° 18' 38.7554"	99° 44' 39.2301"
1068	424,804.519	3,044,109.165	14	27° 31' 12.5103"	99° 45' 41.077"	1128	426,462.463	3,020,906.320	14	27° 18' 38.755"	99° 44' 35.593"
1069	424,799.642	3,043,309.445	14	27° 30' 46.5193"	99° 45' 41.0758"	1129	426,460.024	3,020,506.460	14	27° 18' 25.759"	99° 44' 35.5952"
1070	424,699.677	3,043,310.054	14	27° 30' 46.5191"	99° 45' 44.7194"	1130	426,559.989	3,020,505.850	14	27° 18' 25.7585"	99° 44' 31.9583"
1071	424,696.630	3,042,810.230	14	27° 30' 30.2747"	99° 45' 44.7185"	1131	426,556.941	3,020,006.025	14	27° 18' 09.5136"	99° 44' 31.9611"
1072	424,596.665	3,042,810.839	14	27° 30' 30.2745"	99° 45' 48.362"	1132	426,550.468	3,020,005.595	14	27° 18' 09.4983"	99° 44' 32.1965"
1073	424,594.226	3,042,410.979	14	27° 30' 17.279"	99° 45' 48.3612"	1133	426,549.301	3,019,805.665	14	27° 18' 03.0004"	99° 44' 32.1957"
1074	424,494.261	3,042,411.589	14	27° 30' 17.2788"	99° 45' 52.0046"	1134	426,649.265	3,019,805.082	14	27° 18' 03.0007"	99° 44' 28.5591"
1075	424,480.241	3,040,112.395	14	27° 29' 02.5544"	99° 45' 51.9993"	1135	426,648.098	3,019,605.152	14	27° 17' 56.5027"	99° 44' 28.5584"
1076	424,580.205	3,040,111.785	14	27° 29' 02.5546"	99° 45' 48.3567"	1136	426,748.063	3,019,604.569	14	27° 17' 56.5031"	99° 44' 24.9218"
1077	424,577.158	3,039,611.960	14	27° 28' 46.3101"	99° 45' 48.3557"	1137	426,745.728	3,019,204.710	14	27° 17' 43.5071"	99° 44' 24.9205"
1078	424,677.122	3,039,611.351	14	27° 28' 46.3102"	99° 45' 44.7132"	1138	426,845.693	3,019,204.126	14	27° 17' 43.5074"	99° 44' 21.284"
1079	424,669.807	3,038,411.771	14	27° 28' 07.3234"	99° 45' 44.7114"	1139	426,843.942	3,018,904.232	14	27° 17' 33.7604"	99° 44' 21.2831"
1080	424,569.842	3,038,412.381	14	27° 28' 07.3233"	99° 45' 48.3536"	1140	426,943.906	3,018,903.648	14	27° 17' 33.7607"	99° 44' 17.6468"
1081	424,566.794	3,037,912.556	14	27° 27' 51.0788"	99° 45' 48.3527"	1141	426,942.155	3,018,603.754	14	27° 17' 24.0137"	99° 44' 17.646"
1082	424,466.829	3,037,913.165	14	27° 27' 51.0786"	99° 45' 51.9948"	1142	427,042.120	3,018,603.171	14	27° 17' 24.0139"	99° 44' 14.0097"
1083	424,463.781	3,037,413.341	14	27° 27' 34.8341"	99° 45' 51.9938"	1143	427,041.536	3,018,503.206	14	27° 17' 20.765"	99° 44' 14.0095"
1084	424,363.816	3,037,413.950	14	27° 27' 34.8339"	99° 45' 55.6356"	1144	427,141.501	3,018,502.622	14	27° 17' 20.7651"	99° 44' 10.3731"
1085	424,349.796	3,035,114.756	14	27° 26' 20.109"	99° 45' 55.6305"	1145	427,140.334	3,018,302.693	14	27° 17' 14.2672"	99° 44' 10.3728"
1086	424,449.761	3,035,114.146	14	27° 26' 20.1092"	99° 45' 51.9893"	1146	427,246.331	3,018,302.044	14	27° 17' 14.2664"	99° 44' 06.5171"
1087	424,447.932	3,034,814.251	14	27° 26' 10.3624"	99° 45' 51.9888"	1147	427,245.114	3,018,102.424	14	27° 17' 07.7784"	99° 44' 06.5186"
1088	424,547.897	3,034,813.642	14	27° 26' 10.3626"	99° 45' 48.3477"	1148	427,345.079	3,018,101.814	14	27° 17' 07.7777"	99° 44' 02.8824"
1089	424,544.239	3,034,213.852	14	27° 25' 50.8691"	99° 45' 48.3468"	1149	427,343.250	3,017,801.919	14	27° 16' 58.0307"	99° 44' 02.8849"
1090	424,644.204	3,034,213.242	14	27° 25' 50.8692"	99° 45' 44.7059"	1150	427,443.215	3,017,801.310	14	27° 16' 58.03"	99° 43' 59.2488"
1091	424,641.766	3,033,813.383	14	27° 25' 37.8736"	99° 45' 44.7054"	1151	427,441.386	3,017,501.415	14	27° 16' 48.2829"	99° 43' 59.2513"
1092	424,741.731	3,033,812.773	14	27° 25' 37.8736"	99° 45' 41.0646"	1152	427,541.351	3,017,500.805	14	27° 16' 48.2822"	99° 43' 55.6153"
1093	424,739.293	3,033,412.913	14	27° 25' 24.8779"	99° 45' 41.0642"	1153	427,540.132	3,017,300.875	14	27° 16' 41.7841"	99° 43' 55.6171"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1154	427,640.097	3,017,300.266	14	27° 16' 41.7834"	99° 43' 51.9811"	1214	430,610.395	3,012,583.624	14	27° 14' 09.0425"	99° 42' 02.9866"
1155	427,639.487	3,017,200.301	14	27° 16' 38.5343"	99° 43' 51.982"	1215	430,609.785	3,012,483.659	14	27° 14' 05.7935"	99° 42' 02.9885"
1156	427,739.452	3,017,199.691	14	27° 16' 38.5335"	99° 43' 48.3461"	1216	430,709.750	3,012,483.050	14	27° 14' 05.7919"	99° 41' 59.3539"
1157	427,738.233	3,016,999.761	14	27° 16' 32.0355"	99° 43' 48.3479"	1217	430,709.141	3,012,383.085	14	27° 14' 02.5428"	99° 41' 59.3557"
1158	427,838.198	3,016,999.152	14	27° 16' 32.0347"	99° 43' 44.7121"	1218	432,608.475	3,012,371.503	14	27° 14' 02.5067"	99° 40' 50.2993"
1159	427,837.588	3,016,899.187	14	27° 16' 28.7856"	99° 43' 44.7131"	1219	432,608.711	3,012,410.209	14	27° 14' 03.7647"	99° 40' 50.2984"
1160	427,937.553	3,016,898.577	14	27° 16' 28.7847"	99° 43' 41.0772"	1220	433,870.059	3,012,402.233	14	27° 14' 03.7263"	99° 40' 04.4377"
1161	427,936.944	3,016,798.612	14	27° 16' 25.5357"	99° 43' 41.0782"	1221	433,868.107	3,012,022.958	14	27° 13' 51.3992"	99° 40' 04.4351"
1162	428,036.909	3,016,798.002	14	27° 16' 25.5348"	99° 43' 37.4424"	1222	433,668.180	3,012,023.987	14	27° 13' 51.3979"	99° 40' 11.7039"
1163	428,036.299	3,016,698.037	14	27° 16' 22.2858"	99° 43' 37.4434"	1223	433,668.694	3,012,123.950	14	27° 13' 54.6469"	99° 40' 11.7046"
1164	428,136.264	3,016,697.428	14	27° 16' 22.2849"	99° 43' 33.8076"	1224	431,869.348	3,012,133.210	14	27° 13' 54.6307"	99° 41' 17.1242"
1165	428,135.045	3,016,497.988	14	27° 16' 15.7869"	99° 43' 33.8097"	1225	431,865.232	3,011,333.500	14	27° 13' 28.6387"	99° 41' 17.114"
1166	428,235.010	3,016,496.888	14	27° 16' 15.7859"	99° 43' 30.174"	1226	432,465.015	3,011,330.413	14	27° 13' 28.645"	99° 40' 55.3089"
1167	428,234.400	3,016,396.923	14	27° 16' 12.5369"	99° 43' 30.1751"	1227	432,463.472	3,011,030.521	14	27° 13' 18.898"	99° 40' 55.3056"
1168	428,334.365	3,016,396.314	14	27° 16' 12.5359"	99° 43' 26.5394"	1228	432,663.399	3,011,029.493	14	27° 13' 18.8999"	99° 40' 48.0375"
1169	428,333.146	3,016,196.384	14	27° 16' 06.0379"	99° 43' 26.5416"	1229	432,660.828	3,010,529.674	14	27° 13' 02.6548"	99° 40' 48.0323"
1170	428,433.111	3,016,195.774	14	27° 16' 06.0368"	99° 43' 22.906"	1230	432,061.045	3,010,532.760	14	27° 13' 02.6488"	99° 41' 09.836"
1171	428,431.892	3,015,995.844	14	27° 15' 59.5388"	99° 43' 22.9083"	1231	432,060.017	3,010,332.833	14	27° 12' 56.1509"	99° 41' 09.8336"
1172	428,531.857	3,015,995.235	14	27° 15' 59.5378"	99° 43' 19.2727"	1232	433,959.327	3,010,323.060	14	27° 12' 56.1666"	99° 40' 00.7896"
1173	428,531.247	3,015,895.270	14	27° 15' 56.2888"	99° 43' 19.2739"	1233	433,957.270	3,009,923.205	14	27° 12' 43.1705"	99° 40' 00.787"
1174	428,631.212	3,015,894.660	14	27° 15' 56.2877"	99° 43' 15.6383"	1234	433,877.228	3,009,923.617	14	27° 12' 43.17"	99° 40' 03.6966"
1175	428,629.993	3,015,694.730	14	27° 15' 49.7896"	99° 43' 15.6407"	1235	433,878.983	3,010,264.420	14	27° 12' 54.2468"	99° 40' 03.6988"
1176	428,729.958	3,015,694.121	14	27° 15' 49.7886"	99° 43' 12.0052"	1236	433,779.019	3,010,264.934	14	27° 12' 54.2462"	99° 40' 07.3327"
1177	428,729.348	3,015,594.156	14	27° 15' 46.5395"	99° 43' 12.0065"	1237	433,735.791	3,001,867.983	14	27° 08' 21.3275"	99° 40' 07.2769"
1178	428,829.313	3,015,593.546	14	27° 15' 46.5384"	99° 43' 08.371"	1238	440,106.379	3,001,835.186	14	27° 08' 21.3109"	99° 36' 15.8485"
1179	428,828.094	3,015,393.616	14	27° 15' 40.0403"	99° 43' 08.3736"	1239	440,105.772	3,001,717.153	14	27° 08' 17.4745"	99° 36' 15.8499"
1180	428,928.059	3,015,393.007	14	27° 15' 40.0392"	99° 43' 04.7381"	1240	440,432.752	3,001,715.471	14	27° 08' 17.4709"	99° 36' 03.9715"
1181	428,927.449	3,015,293.042	14	27° 15' 36.7902"	99° 43' 04.7395"	1241	440,432.330	3,001,633.576	14	27° 08' 14.8091"	99° 36' 03.9726"
1182	429,027.414	3,015,292.432	14	27° 15' 36.789"	99° 43' 01.1041"	1242	440,732.221	3,001,632.032	14	27° 08' 14.8054"	99° 35' 53.0784"
1183	429,026.195	3,015,092.502	14	27° 15' 30.291"	99° 43' 01.1067"	1243	440,730.163	3,001,232.177	14	27° 08' 01.809"	99° 35' 53.084"
1184	429,126.160	3,015,091.892	14	27° 15' 30.2897"	99° 42' 57.4714"	1244	441,130.018	3,001,230.118	14	27° 08' 01.8038"	99° 35' 38.5588"
1185	429,125.551	3,014,991.927	14	27° 15' 27.0407"	99° 42' 57.4727"	1245	441,127.959	3,000,830.263	14	27° 07' 48.8074"	99° 35' 38.565"
1186	429,225.516	3,014,991.318	14	27° 15' 27.0395"	99° 42' 53.8374"	1246	441,427.850	3,000,828.720	14	27° 07' 48.8032"	99° 35' 27.6714"
1187	429,224.296	3,014,791.388	14	27° 15' 20.5414"	99° 42' 53.8403"	1247	441,426.307	3,000,528.828	14	27° 07' 39.0559"	99° 35' 27.6762"
1188	429,324.261	3,014,790.778	14	27° 15' 20.5402"	99° 42' 50.205"	1248	441,826.161	3,000,526.770	14	27° 07' 39.05"	99° 35' 13.1519"
1189	429,323.652	3,014,690.813	14	27° 15' 17.2911"	99° 42' 50.2064"	1249	441,824.103	3,000,126.915	14	27° 07' 26.0536"	99° 35' 13.1588"
1190	429,423.617	3,014,690.204	14	27° 15' 17.2899"	99° 42' 46.5712"	1250	442,123.994	3,000,125.371	14	27° 07' 26.0488"	99° 35' 02.2659"
1191	429,422.397	3,014,490.274	14	27° 15' 10.7918"	99° 42' 46.5741"	1251	442,122.965	2,999,925.444	14	27° 07' 19.5506"	99° 35' 02.2695"
1192	429,522.362	3,014,489.664	14	27° 15' 10.7905"	99° 42' 42.939"	1252	442,422.856	2,999,923.900	14	27° 07' 19.5456"	99° 34' 51.3768"
1193	429,521.143	3,014,289.734	14	27° 15' 04.2924"	99° 42' 42.9419"	1253	442,420.798	2,999,524.045	14	27° 07' 06.5492"	99° 34' 51.3844"
1194	429,621.108	3,014,289.125	14	27° 15' 04.2911"	99° 42' 39.3068"	1254	442,720.689	2,999,522.501	14	27° 07' 06.544"	99° 34' 40.492"
1195	429,619.889	3,014,089.195	14	27° 14' 57.793"	99° 42' 39.3099"	1255	442,718.630	2,999,122.646	14	27° 06' 53.5475"	99° 34' 40.5"
1196	429,719.854	3,014,088.585	14	27° 14' 57.7917"	99° 42' 35.6748"	1256	443,218.449	2,999,120.073	14	27° 06' 53.5383"	99° 34' 22.3465"
1197	429,718.635	3,013,888.655	14	27° 14' 51.2936"	99° 42' 35.6779"	1257	443,216.905	2,998,820.182	14	27° 06' 43.7909"	99° 34' 22.353"
1198	429,818.600	3,013,888.046	14	27° 14' 51.2922"	99° 42' 32.0429"	1258	443,516.796	2,998,818.638	14	27° 06' 43.7851"	99° 34' 11.4611"
1199	429,817.381	3,013,688.116	14	27° 14' 44.7941"	99° 42' 32.0461"	1259	443,513.708	2,998,218.856	14	27° 06' 24.2904"	99° 34' 11.4746"
1200	429,917.346	3,013,687.506	14	27° 14' 44.7927"	99° 42' 28.4112"	1260	443,713.636	2,998,217.827	14	27° 06' 24.2864"	99° 34' 04.2137"
1201	429,916.126	3,013,487.576	14	27° 14' 38.2946"	99° 42' 28.4144"	1261	443,711.577	2,997,817.972	14	27° 06' 11.2899"	99° 34' 04.2229"
1202	430,016.091	3,013,486.967	14	27° 14' 38.2932"	99° 42' 24.7795"	1262	444,011.468	2,997,816.428	14	27° 06' 11.2836"	99° 33' 53.3319"
1203	430,015.482	3,013,387.002	14	27° 14' 35.0442"	99° 42' 24.7811"	1263	444,008.895	2,997,316.610	14	27° 05' 55.038"	99° 33' 53.3439"
1204	430,115.447	3,013,386.392	14	27° 14' 35.0427"	99° 42' 21.1463"	1264	444,508.714	2,997,314.036	14	27° 05' 55.027"	99° 33' 35.193"
1205	430,114.228	3,013,186.462	14	27° 14' 28.5446"	99° 42' 21.1496"	1265	444,506.655	2,996,914.182	14	27° 05' 42.0305"	99° 33' 35.2031"
1206	430,214.192	3,013,185.853	14	27° 14' 28.5431"	99° 42' 17.5149"	1265'	444,608.200	2,996,913.659	14	27° 05' 42.0282"	99° 33' 31.5156"
1207	430,213.583	3,013,085.888	14	27° 14' 25.2941"	99° 42' 17.5166"	1266	444,536.147	2,980,686.333	14	26° 56' 54.5872"	99° 33' 31.5212"
1208	430,313.548	3,013,085.278	14	27° 14' 25.2925"	99° 42' 13.8818"	1267	450,535.971	2,980,659.816	14	26° 56' 54.5406"	99° 29' 53.9274"
1209	430,312.329	3,012,885.348	14	27° 14' 18.7944"	99° 42' 13.8853"	1268	450,496.618	2,970,660.078	14	26° 51' 29.5092"	99° 29' 53.9273"
1210	430,412.294	3,012,884.738	14	27° 14' 18.7929"	99° 42' 10.2506"	1269	456,496.466	2,970,636.503	14	26° 51' 29.4628"	99° 26' 16.5045"
1211	430,411.684	3,012,784.773	14	27° 14' 15.5438"	99° 42' 10.2523"	1270	456,444.791	2,955,636.839	14	26° 43' 21.9035"	99° 26' 16.5045"
1212	430,511.649	3,012,784.164	14	27° 14' 15.5423"	99° 42' 06.6177"	1271	464,444.623	2,955,609.344	14	26° 43' 21.8214"	99° 21' 26.9485"
1213	430,510.430	3,012,584.234	14	27° 14' 09.0442"	99° 42' 06.6213"	1272	464,383.112	2,933,609.734	14	26° 31' 26.71"	99° 21' 26.9485"

VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	E	N	ZONA	LATITUD	LONGITUD		E	N	ZONA	LATITUD	LONGITUD
1273	472,382.981	2,933,587.444	14	26° 31' 26.6287"	99° 16' 37.8898"	1333	659,145.810	2,859,017.280	14	25° 50' 32.2129"	97° 24' 43.3694"
1274	472,370.030	2,927,587.525	14	26° 28' 11.5931"	99° 16' 37.8898"	1334	659,128.320	2,859,071.570	14	25° 50' 33.984"	97° 24' 43.9739"
1275	478,369.955	2,927,574.587	14	26° 28' 11.5474"	99° 13' 01.1959"	1335	659,092.500	2,859,123.760	14	25° 50' 35.6941"	97° 24' 45.2376"
1276	478,348.055	2,914,574.726	14	26° 21' 08.9628"	99° 13' 01.1959"	1336	659,070.260	2,859,188.520	14	25° 50' 37.8074"	97° 24' 46.0081"
1277	493,347.933	2,914,549.508	14	26° 21' 08.6788"	99° 04' 00.0048"	1337	659,034.150	2,859,264.630	14	25° 50' 40.2949"	97° 24' 47.2718"
1278	493,346.384	2,911,549.521	14	26° 19' 31.1573"	99° 04' 00.0048"	1338	659,011.960	2,859,334.260	14	25° 50' 42.5664"	97° 24' 48.0385"
1279	499,346.364	2,911,546.425	14	26° 19' 31.1119"	99° 00' 23.5775"	1339	658,988.240	2,859,397.560	14	25° 50' 44.6327"	97° 24' 48.8628"
1280	499,346.262	2,909,546.429	14	26° 18' 26.0971"	99° 00' 23.5775"	1340	658,974.780	2,859,432.850	14	25° 50' 45.7848"	97° 24' 49.3309"
1281	511,346.257	2,909,545.822	14	26° 18' 25.9158"	98° 53' 10.7892"	1341	658,966.060	2,859,457.560	14	25° 50' 46.5913"	97° 24' 49.6333"
1282	511,351.528	2,903,545.814	14	26° 15' 10.8702"	98° 53' 10.7891"	1342	658,957.670	2,859,521.050	14	25° 50' 48.6578"	97° 24' 49.9071"
1283	518,351.545	2,903,551.957	14	26° 15' 10.8086"	98° 48' 58.4463"	1343	658,955.250	2,859,597.010	14	25° 50' 51.1272"	97° 24' 49.9611"
1284	518,360.049	2,897,551.940	14	26° 11' 55.7616"	98° 48' 58.4463"	1344	658,958.940	2,859,665.520	14	25° 50' 53.3521"	97° 24' 49.7989"
1285	533,360.128	2,897,573.180	14	26° 11' 55.4795"	98° 39' 57.9635"	1345	658,967.260	2,859,739.840	14	25° 50' 55.7641"	97° 24' 49.4678"
1286	533,370.412	2,893,573.158	14	26° 09' 45.4479"	98° 39' 57.9636"	1346	658,975.780	2,859,790.020	14	25° 50' 57.3914"	97° 24' 49.1401"
1287	546,370.511	2,893,606.563	14	26° 09' 45.2364"	98° 32' 09.6929"	1347	658,983.740	2,859,827.890	14	25° 50' 58.6189"	97° 24' 48.8378"
1288	546,388.350	2,888,606.530	14	26° 07' 02.6974"	98° 32' 09.6929"	1348	658,997.500	2,859,892.090	14	25° 51' 00.6999"	97° 24' 48.3158"
1289	556,388.433	2,888,642.179	14	26° 07' 02.5725"	98° 26' 09.6267"	1349	659,010.340	2,859,974.660	14	25° 51' 03.3781"	97° 24' 47.8189"
1290	556,414.408	2,882,642.137	14	26° 03' 47.5262"	98° 26' 09.6267"	1350	659,010.880	2,860,054.100	14	25° 51' 05.9595"	97° 24' 47.7651"
1291	562,414.456	2,882,668.087	14	26° 03' 47.4813"	98° 22' 33.6882"	1351	659,017.580	2,860,130.510	14	25° 51' 08.4399"	97° 24' 47.4913"
1292	562,438.362	2,877,668.054	14	26° 01' 04.9427"	98° 22' 33.6882"	1352	659,007.580	2,860,202.840	14	25° 51' 10.7944"	97° 24' 47.8191"
1293	570,438.427	2,877,706.273	14	26° 01' 04.8631"	98° 17' 45.8831"	1353	659,003.350	2,860,237.680	14	25° 51' 11.9282"	97° 24' 47.9559"
1294	570,459.972	2,873,706.247	14	25° 58' 54.8329"	98° 17' 45.8831"	1354	658,999.080	2,860,268.200	14	25° 51' 12.9217"	97° 24' 48.096"
1295	625,460.823	2,874,002.307	14	25° 58' 51.0776"	97° 44' 47.9514"	1355	658,992.270	2,860,325.170	14	25° 51' 14.7757"	97° 24' 48.3158"
1296	625,518.273	2,868,002.348	14	25° 55' 36.0534"	97° 44' 47.9514"	1356	658,983.650	2,860,408.160	14	25° 51' 17.476"	97° 24' 48.5894"
1297	631,518.239	2,868,059.742	14	25° 55' 36.0088"	97° 41' 12.292"	1357	658,992.300	2,860,455.780	14	25° 51' 19.0202"	97° 24' 48.2581"
1298	631,558.305	2,864,059.779	14	25° 53' 25.9941"	97° 41' 12.292"	1358	659,002.000	2,860,532.560	14	25° 51' 21.5115"	97° 24' 47.8764"
1299	637,558.258	2,864,119.840	14	25° 53' 25.9496"	97° 37' 36.702"	1359	659,008.780	2,860,609.860	14	25° 51' 24.0208"	97° 24' 47.5994"
1300	637,610.549	2,859,119.897	14	25° 50' 43.4331"	97° 37' 36.702"	1360	659,026.330	2,860,675.980	14	25° 51' 26.1626"	97° 24' 46.9404"
1301	645,610.470	2,859,203.495	14	25° 50' 43.3542"	97° 32' 49.3642"	1361	659,044.010	2,860,730.700	14	25° 51' 27.9339"	97° 24' 46.2817"
1302	645,654.671	2,855,203.555	14	25° 48' 33.3436"	97° 32' 49.3642"	1362	659,061.730	2,860,782.650	14	25° 51' 29.6152"	97° 24' 45.6227"
1303	657,654.518	2,855,336.073	14	25° 48' 33.1662"	97° 25' 38.5026"	1363	659,078.040	2,860,825.720	14	25° 51' 31.0084"	97° 24' 45.0183"
1304	657,611.442	2,858,934.592	14	25° 50' 30.1254"	97° 25' 38.5039"	1364	659,107.790	2,860,893.760	14	25° 51' 33.2078"	97° 24' 43.9203"
1305	657,637.230	2,858,908.410	14	25° 50' 29.2645"	97° 25' 37.5891"	1365	659,127.070	2,860,941.300	14	25° 51' 34.7452"	97° 24' 43.2072"
1306	657,696.050	2,858,852.060	14	25° 50' 27.4104"	97° 25' 35.5011"	1366	659,167.670	2,860,998.400	14	25° 51' 36.5848"	97° 24' 41.7242"
1307	657,765.310	2,858,819.540	14	25° 50' 26.3266"	97° 25' 33.028"	1367	659,182.480	2,861,042.120	14	25° 51' 37.9997"	97° 24' 41.1733"
1308	657,829.820	2,858,799.160	14	25° 50' 25.6392"	97° 25' 30.7203"	1368	659,220.080	2,861,090.760	14	25° 51' 39.5656"	97° 24' 39.8018"
1309	657,860.320	2,858,805.060	14	25° 50' 25.8191"	97° 25' 29.6225"	1369	659,255.640	2,861,126.090	14	25° 51' 40.6997"	97° 24' 38.5093"
1310	657,886.490	2,858,788.650	14	25° 50' 25.2756"	97° 25' 28.6898"	1370	659,318.920	2,861,139.700	14	25° 51' 41.1171"	97° 24' 36.2306"
1311	657,966.360	2,858,765.790	14	25° 50' 24.5016"	97° 25' 25.8316"	1371	659,372.350	2,861,148.330	14	25° 51' 41.3765"	97° 24' 34.3079"
1312	658,046.010	2,858,753.560	14	25° 50' 24.0731"	97° 25' 22.9767"	1372	659,418.330	2,861,142.350	14	25° 51' 41.1641"	97° 24' 32.6591"
1313	658,113.260	2,858,754.810	14	25° 50' 24.0875"	97° 25' 20.5613"	1373	659,470.650	2,861,117.830	14	25° 51' 40.3467"	97° 24' 30.7907"
1314	658,200.240	2,858,774.910	14	25° 50' 24.7068"	97° 25' 17.4292"	1374	659,509.210	2,861,087.280	14	25° 51' 39.3387"	97° 24' 29.4191"
1315	658,270.340	2,858,798.570	14	25° 50' 25.4483"	97° 25' 14.9018"	1375	659,523.480	2,861,050.900	14	25° 51' 38.1509"	97° 24' 28.9224"
1316	658,349.650	2,858,822.790	14	25° 50' 26.2044"	97° 25' 12.0433"	1376	659,519.360	2,861,010.080	14	25° 51' 36.826"	97° 24' 29.0882"
1317	658,430.400	2,858,844.030	14	25° 50' 26.8631"	97° 25' 09.1345"	1377	659,507.057	2,860,980.866	14	25° 51' 35.8814"	97° 24' 29.5427"
1318	658,500.680	2,858,852.080	14	25° 50' 27.0972"	97° 25' 06.6073"	1378	659,501.482	2,860,956.718	14	25° 51' 35.0989"	97° 24' 29.7535"
1319	658,574.010	2,858,864.370	14	25° 50' 27.4679"	97° 25' 03.9687"	1379	659,489.740	2,860,931.730	14	25° 51' 34.2915"	97° 24' 30.1861"
1320	658,628.940	2,858,873.670	14	25° 50' 27.7486"	97° 25' 01.9922"	1380	659,474.980	2,860,884.030	14	25° 51' 32.7472"	97° 24' 30.7369"
1321	658,705.410	2,858,875.370	14	25° 50' 27.7739"	97° 24' 59.2455"	1381	659,468.060	2,860,826.670	14	25° 51' 30.8859"	97° 24' 31.0104"
1322	658,759.010	2,858,869.920	14	25° 50' 27.5758"	97° 24' 57.3231"	1382	659,471.700	2,860,774.100	14	25° 51' 29.1761"	97° 24' 30.9026"
1323	658,826.520	2,858,850.020	14	25° 50' 26.9027"	97° 24' 54.9075"	1383	659,481.600	2,860,718.380	14	25° 51' 27.3615"	97° 24' 30.5713"
1324	658,886.340	2,858,836.450	14	25° 50' 26.4383"	97° 24' 52.7652"	1384	659,493.040	2,860,659.590	14	25° 51' 25.4465"	97° 24' 30.186"
1325	658,922.420	2,858,828.800	14	25° 50' 26.1755"	97° 24' 51.473"	1385	659,513.660	2,860,595.580	14	25° 51' 23.3582"	97° 24' 29.4733"
1326	658,929.340	2,858,828.440	14	25° 50' 26.1611"	97° 24' 51.2246"	1386	659,523.400	2,860,553.270	14	25° 51' 21.9795"	97° 24' 29.1419"
1327	658,976.800	2,858,825.250	14	25° 50' 26.0388"	97° 24' 49.5217"	1387	659,534.820	2,860,487.720	14	25° 51' 19.8448"	97° 24' 28.7603"
1328	659,031.690	2,858,837.320	14	25° 50' 26.4095"	97° 24' 47.5455"	1388	659,547.990	2,860,417.970	14	25° 51' 17.5729"	97° 24' 28.3177"
1329	659,052.970	2,858,852.310	14	25° 50' 26.8883"	97° 24' 46.7748"	1389	659,550.180	2,860,361.720	14	25° 51' 15.7441"	97° 24' 28.2635"
1330	659,092.320	2,858,881.150	14	25° 50' 27.8101"	97° 24' 45.3493"	1390	659,539.960	2,860,319.950	14	25° 51' 14.3907"	97° 24' 28.6488"
1331	659,128.580	2,858,925.560	14	25° 50' 29.239"	97° 24' 44.0279"	1391	659,511.660	2,860,256.680	14	25° 51' 12.3458"	97° 24' 29.6926"
1332	659,141.940	2,858,956.520	14	25° 50' 30.2399"	97° 24' 43.5347"	1392	659,480.320	2,860,195.480	14	25° 51' 10.3693"	97° 24' 30.8448"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1393	659,447.460	2,860,127.840	14	25° 51' 08.1842"	97° 24' 32.0543"	1453	660,170.740	2,858,824.090	14	25° 50' 25.531"	97° 24' 06.6489"
1394	659,401.270	2,860,026.690	14	25° 51' 04.9153"	97° 24' 33.7571"	1454	660,145.570	2,858,815.700	14	25° 50' 25.2683"	97° 24' 07.5564"
1395	659,371.470	2,859,962.080	14	25° 51' 02.8274"	97° 24' 34.8554"	1455	660,096.680	2,858,813.220	14	25° 50' 25.2071"	97° 24' 09.3131"
1396	659,344.790	2,859,889.310	14	25° 51' 00.4731"	97° 24' 35.8451"	1456	660,038.570	2,858,810.190	14	25° 50' 25.1315"	97° 24' 11.4011"
1397	659,337.860	2,859,831.950	14	25° 50' 58.6118"	97° 24' 36.1189"	1457	659,984.990	2,858,813.750	14	25° 50' 25.2684"	97° 24' 13.3235"
1398	659,355.300	2,859,782.750	14	25° 50' 57.0061"	97° 24' 35.514"	1458	659,920.730	2,858,813.850	14	25° 50' 25.297"	97° 24' 15.631"
1399	659,360.520	2,859,724.100	14	25° 50' 55.0981"	97° 24' 35.3521"	1459	659,873.400	2,858,806.520	14	25° 50' 25.0775"	97° 24' 17.3338"
1400	659,384.350	2,859,652.270	14	25° 50' 52.7544"	97° 24' 34.5275"	1460	659,823.090	2,858,796.610	14	25° 50' 24.7753"	97° 24' 19.1447"
1401	659,428.170	2,859,576.590	14	25° 50' 50.2778"	97° 24' 32.9868"	1461	659,786.650	2,858,775.450	14	25° 50' 24.102"	97° 24' 20.4624"
1402	659,451.920	2,859,502.430	14	25° 50' 47.8585"	97° 24' 32.1661"	1462	659,745.670	2,858,748.810	14	25° 50' 23.2524"	97° 24' 21.9456"
1403	659,481.730	2,859,441.970	14	25° 50' 45.882"	97° 24' 31.1219"	1463	659,712.540	2,858,702.760	14	25° 50' 21.769"	97° 24' 23.1553"
1404	659,511.230	2,859,406.440	14	25° 50' 44.7158"	97° 24' 30.078"	1464	659,708.500	2,858,655.520	14	25° 50' 20.2354"	97° 24' 23.3209"
1405	659,554.560	2,859,371.400	14	25° 50' 43.56"	97° 24' 28.5373"	1465	659,706.670	2,858,616.840	14	25° 50' 18.9792"	97° 24' 23.4035"
1406	659,603.860	2,859,339.980	14	25° 50' 42.5195"	97° 24' 26.7805"	1466	659,735.110	2,858,611.310	14	25° 50' 18.7883"	97° 24' 22.3846"
1407	659,627.730	2,859,323.100	14	25° 50' 41.9616"	97° 24' 25.9307"	1467	659,755.430	2,858,572.670	14	25° 50' 17.5246"	97° 24' 21.6718"
1408	659,640.870	2,859,314.180	14	25° 50' 41.6665"	97° 24' 25.4627"	1468	659,784.870	2,858,542.120	14	25° 50' 16.5202"	97° 24' 20.628"
1409	659,682.410	2,859,294.410	14	25° 50' 41.0077"	97° 24' 23.9796"	1469	659,818.590	2,858,530.790	14	25° 50' 16.1387"	97° 24' 19.4221"
1410	659,734.420	2,859,296.260	14	25° 50' 41.0473"	97° 24' 22.1111"	1470	659,863.190	2,858,516.040	14	25° 50' 15.6418"	97° 24' 17.827"
1411	659,772.430	2,859,311.120	14	25° 50' 41.5152"	97° 24' 20.7397"	1471	659,924.260	2,858,523.100	14	25° 50' 15.8471"	97° 24' 15.631"
1412	659,799.520	2,859,351.220	14	25° 50' 42.8077"	97° 24' 19.7494"	1472	659,983.820	2,858,530.250	14	25° 50' 16.056"	97° 24' 13.4892"
1413	659,821.770	2,859,409.320	14	25° 50' 44.687"	97° 24' 18.9251"	1473	660,049.370	2,858,556.750	14	25° 50' 16.8913"	97° 24' 11.1238"
1414	659,828.800	2,859,457.370	14	25° 50' 46.2457"	97° 24' 18.6517"	1474	660,127.020	2,858,585.160	14	25° 50' 17.7838"	97° 24' 08.3232"
1415	659,840.240	2,859,522.650	14	25° 50' 48.3626"	97° 24' 18.2124"	1475	660,134.610	2,858,588.250	14	25° 50' 17.8812"	97° 24' 08.0493"
1416	659,845.770	2,859,571.240	14	25° 50' 49.9394"	97° 24' 17.9926"	1476	660,199.930	2,858,624.490	14	25° 50' 19.0331"	97° 24' 05.6879"
1417	659,861.730	2,859,643.550	14	25° 50' 52.283"	97° 24' 17.3879"	1477	660,288.400	2,858,645.950	14	25° 50' 19.6955"	97° 24' 02.5017"
1418	659,883.940	2,859,705.300	14	25° 50' 54.2809"	97° 24' 16.5634"	1478	660,358.630	2,858,657.770	14	25° 50' 20.0519"	97° 23' 59.9747"
1419	659,901.740	2,859,750.270	14	25° 50' 55.7353"	97° 24' 15.9046"	1479	660,418.340	2,858,653.180	14	25° 50' 19.8791"	97° 23' 57.8326"
1420	659,916.540	2,859,794.430	14	25° 50' 57.1645"	97° 24' 15.3538"	1480	660,482.730	2,858,643.220	14	25° 50' 19.5299"	97° 23' 55.5248"
1421	659,937.250	2,859,847.080	14	25° 50' 58.8673"	97° 24' 14.5871"	1481	660,534.960	2,858,626.910	14	25° 50' 18.9792"	97° 23' 53.6565"
1422	659,965.890	2,859,882.550	14	25° 51' 00.0086"	97° 24' 13.5431"	1482	660,602.530	2,858,602.360	14	25° 50' 18.1546"	97° 23' 51.2409"
1423	660,017.280	2,859,935.350	14	25° 51' 01.7042"	97° 24' 11.6746"	1483	660,657.950	2,858,579.440	14	25° 50' 17.3879"	97° 23' 49.2609"
1424	660,049.720	2,859,971.420	14	25° 51' 02.8635"	97° 24' 10.4939"	1484	660,713.390	2,858,546.880	14	25° 50' 16.3078"	97° 23' 47.2844"
1425	660,065.540	2,859,989.560	14	25° 51' 03.4468"	97° 24' 09.9178"	1485	660,771.960	2,858,512.150	14	25° 50' 15.1559"	97° 23' 45.1965"
1426	660,103.560	2,860,012.060	14	25° 51' 04.1629"	97° 24' 08.5426"	1486	660,830.480	2,858,481.510	14	25° 50' 14.137"	97° 23' 43.1086"
1427	660,146.160	2,860,028.760	14	25° 51' 04.6888"	97° 24' 07.0054"	1487	660,888.770	2,858,462.170	14	25° 50' 13.4854"	97° 23' 41.024"
1428	660,207.070	2,860,048.330	14	25° 51' 05.3006"	97° 24' 04.8095"	1488	660,936.260	2,858,456.440	14	25° 50' 13.2803"	97° 23' 39.3212"
1429	660,272.710	2,860,057.990	14	25° 51' 05.5886"	97° 24' 02.4448"	1489	661,009.620	2,858,467.080	14	25° 50' 13.597"	97° 23' 36.6824"
1430	660,324.820	2,860,051.870	14	25° 51' 05.3691"	97° 24' 00.5793"	1490	661,088.780	2,858,494.860	14	25° 50' 14.4683"	97° 23' 33.8277"
1431	660,355.560	2,860,037.950	14	25° 51' 04.9046"	97° 23' 59.4814"	1491	661,131.420	2,858,516.760	14	25° 50' 15.163"	97° 23' 32.287"
1432	660,401.730	2,860,016.470	14	25° 51' 04.1883"	97° 23' 57.8327"	1492	661,180.790	2,858,538.410	14	25° 50' 15.847"	97° 23' 30.5047"
1433	660,446.560	2,859,982.340	14	25° 51' 03.0614"	97° 23' 56.2377"	1493	661,207.410	2,858,549.930	14	25° 50' 16.2107"	97° 23' 29.5438"
1434	660,473.020	2,859,941.230	14	25° 51' 01.715"	97° 23' 55.3055"	1494	661,284.930	2,858,597.630	14	25° 50' 17.73"	97° 23' 26.7392"
1435	660,467.730	2,859,874.030	14	25° 50' 59.5333"	97° 23' 55.5249"	1495	661,363.650	2,858,661.960	14	25° 50' 19.7892"	97° 23' 23.8842"
1436	660,451.570	2,859,817.670	14	25° 50' 57.7082"	97° 23' 56.1299"	1496	661,405.920	2,858,705.240	14	25° 50' 21.1788"	97° 23' 22.3473"
1437	660,430.920	2,859,759.920	14	25° 50' 55.8397"	97° 23' 56.8967"	1497	661,446.760	2,858,743.740	14	25° 50' 22.4137"	97° 23' 20.8639"
1438	660,402.660	2,859,693.660	14	25° 50' 53.6976"	97° 23' 57.9406"	1498	661,475.210	2,858,794.380	14	25° 50' 24.048"	97° 23' 19.82"
1439	660,375.830	2,859,632.850	14	25° 50' 51.7321"	97° 23' 58.9307"	1499	661,505.130	2,858,848.370	14	25° 50' 25.7905"	97° 23' 18.7218"
1440	660,353.630	2,859,570.880	14	25° 50' 49.7271"	97° 23' 59.755"	1500	661,515.350	2,858,889.700	14	25° 50' 27.1295"	97° 23' 18.3366"
1441	660,325.690	2,859,478.030	14	25° 50' 46.7208"	97° 24' 00.7989"	1501	661,519.740	2,858,907.920	14	25° 50' 27.7199"	97° 23' 18.171"
1442	660,329.550	2,859,415.930	14	25° 50' 44.7012"	97° 24' 00.6875"	1502	661,540.380	2,858,973.870	14	25° 50' 29.8548"	97° 23' 17.4008"
1443	660,335.100	2,859,339.120	14	25° 50' 42.2029"	97° 24' 00.5218"	1503	661,549.010	2,859,014.190	14	25° 50' 31.1616"	97° 23' 17.0731"
1444	660,341.070	2,859,284.690	14	25° 50' 40.4317"	97° 24' 00.3312"	1504	661,557.670	2,859,059.940	14	25° 50' 32.6449"	97° 23' 16.742"
1445	660,355.130	2,859,201.110	14	25° 50' 37.7101"	97° 23' 59.8628"	1505	661,565.860	2,859,078.870	14	25° 50' 33.2568"	97° 23' 16.4396"
1446	660,360.710	2,859,112.880	14	25° 50' 34.8407"	97° 23' 59.701"	1506	661,579.990	2,859,111.950	14	25° 50' 34.3262"	97° 23' 15.9176"
1447	660,363.130	2,859,045.780	14	25° 50' 32.6592"	97° 23' 59.6435"	1507	661,594.850	2,859,142.810	14	25° 50' 35.3231"	97° 23' 15.3704"
1448	660,333.800	2,859,001.000	14	25° 50' 31.2156"	97° 24' 00.7163"	1508	661,622.170	2,859,163.420	14	25° 50' 35.9819"	97° 23' 14.3802"
1449	660,327.360	2,858,961.820	14	25° 50' 29.9449"	97° 24' 00.9647"	1509	661,666.240	2,859,182.910	14	25° 50' 36.5977"	97° 23' 12.7891"
1450	660,288.120	2,858,924.340	14	25° 50' 28.7424"	97° 24' 02.3901"	1510	661,712.230	2,859,176.710	14	25° 50' 36.3779"	97° 23' 11.1404"
1451	660,244.400	2,858,867.200	14	25° 50' 26.9029"	97° 24' 03.985"	1511	661,759.970	2,859,150.710	14	25° 50' 35.5139"	97° 23' 09.4375"
1452	660,204.990	2,858,835.480	14	25° 50' 25.8876"	97° 24' 05.4141"	1512	661,789.370	2,859,124.040	14	25° 50' 34.6355"	97° 23' 08.3935"

VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	E	N	ZONA	LATITUD	LONGITUD		E	N	ZONA	LATITUD	LONGITUD
1513	661,828.120	2,859,086.850	14	25° 50' 33.4115"	97° 23' 07.0184"	1573	663,195.710	2,860,686.370	14	25° 51' 24.8417"	97° 22' 17.1974"
1514	661,874.520	2,859,039.680	14	25° 50' 31.8601"	97° 23' 05.3731"	1574	663,239.120	2,860,702.190	14	25° 51' 25.3383"	97° 22' 15.6313"
1515	661,905.710	2,858,997.850	14	25° 50' 30.4883"	97° 23' 04.2715"	1575	663,384.040	2,860,792.280	14	25° 51' 28.2074"	97° 22' 10.3866"
1516	661,941.270	2,858,960.070	14	25° 50' 29.2464"	97° 23' 03.0113"	1576	663,500.260	2,860,918.030	14	25° 51' 32.2469"	97° 22' 06.1566"
1517	661,975.350	2,858,927.700	14	25° 50' 28.1808"	97° 23' 01.8018"	1577	663,506.220	2,860,930.290	14	25° 51' 32.6429"	97° 22' 05.937"
1518	662,008.140	2,858,878.250	14	25° 50' 26.5608"	97° 23' 00.6462"	1578	663,580.880	2,861,077.230	14	25° 51' 37.3878"	97° 22' 03.1901"
1519	662,046.900	2,858,832.200	14	25° 50' 25.0488"	97° 22' 59.2747"	1579	663,615.220	2,861,145.120	14	25° 51' 39.5801"	97° 22' 01.9265"
1520	662,087.020	2,858,806.100	14	25° 50' 24.1846"	97° 22' 57.8456"	1580	663,743.760	2,861,383.350	14	25° 51' 47.2697"	97° 21' 57.2036"
1521	662,140.990	2,858,771.650	14	25° 50' 23.0435"	97° 22' 55.9228"	1581	663,826.590	2,861,493.610	14	25° 51' 50.8192"	97° 21' 54.1794"
1522	662,190.020	2,858,762.620	14	25° 50' 22.7305"	97° 22' 54.1662"	1582	663,957.430	2,861,668.290	14	25° 51' 56.4427"	97° 21' 49.402"
1523	662,248.320	2,858,750.820	14	25° 50' 22.3237"	97° 22' 52.078"	1583	664,024.260	2,861,830.750	14	25° 52' 01.695"	97° 21' 46.929"
1524	662,320.300	2,858,742.840	14	25° 50' 22.0355"	97° 22' 49.4968"	1584	664,029.420	2,861,843.560	14	25° 52' 02.1091"	97° 21' 46.738"
1525	662,392.000	2,858,757.900	14	25° 50' 22.4962"	97° 22' 46.9156"	1585	664,138.880	2,861,963.020	14	25° 52' 05.9468"	97° 21' 42.753"
1526	662,457.650	2,858,767.580	14	25° 50' 22.7845"	97° 22' 44.5539"	1586	664,209.230	2,862,020.500	14	25° 52' 07.7861"	97° 21' 40.2005"
1527	662,521.740	2,858,782.330	14	25° 50' 23.2381"	97° 22' 42.246"	1587	664,294.740	2,862,035.530	14	25° 52' 08.2398"	97° 21' 37.1225"
1528	662,564.560	2,858,789.170	14	25° 50' 23.4432"	97° 22' 40.7054"	1588	664,338.770	2,861,993.210	14	25° 52' 06.8467"	97° 21' 35.5601"
1529	662,618.000	2,858,797.030	14	25° 50' 23.6772"	97° 22' 38.7829"	1589	664,344.250	2,861,987.960	14	25° 52' 06.6739"	97° 21' 35.3656"
1530	662,688.190	2,858,803.990	14	25° 50' 23.8752"	97° 22' 36.2594"	1590	664,353.210	2,861,944.530	14	25° 52' 05.259"	97° 21' 35.0633"
1531	662,732.480	2,858,814.290	14	25° 50' 24.1921"	97° 22' 34.6645"	1591	664,365.040	2,861,856.160	14	25° 52' 02.3825"	97° 21' 34.6781"
1532	662,808.950	2,858,815.890	14	25° 50' 24.2134"	97° 22' 31.9179"	1592	664,390.760	2,861,754.790	14	25° 51' 59.0779"	97° 21' 33.7998"
1533	662,849.600	2,858,804.100	14	25° 50' 23.8139"	97° 22' 30.4634"	1593	664,442.570	2,861,707.910	14	25° 51' 57.5334"	97° 21' 31.96"
1534	662,862.680	2,858,800.270	14	25° 50' 23.6842"	97° 22' 29.9954"	1594	664,528.290	2,861,698.230	14	25° 51' 57.184"	97° 21' 28.8857"
1535	662,931.020	2,858,779.300	14	25° 50' 22.9753"	97° 22' 27.5508"	1595	664,636.320	2,861,748.000	14	25° 51' 58.7575"	97° 21' 24.9833"
1536	663,016.860	2,858,767.950	14	25° 50' 22.572"	97° 22' 24.4734"	1596	664,685.790	2,861,824.060	14	25° 52' 01.209"	97° 21' 23.1723"
1537	663,102.240	2,858,786.730	14	25° 50' 23.1479"	97° 22' 21.3992"	1597	664,678.230	2,861,883.570	14	25° 52' 03.1459"	97° 21' 23.4171"
1538	663,160.170	2,858,861.010	14	25° 50' 25.5384"	97° 22' 19.286"	1598	664,586.150	2,862,024.770	14	25° 52' 07.7718"	97° 21' 26.6608"
1539	663,195.680	2,858,964.920	14	25° 50' 28.9008"	97° 22' 17.9647"	1599	664,528.030	2,862,151.670	14	25° 52' 11.9192"	97° 21' 28.6913"
1540	663,208.840	2,859,076.310	14	25° 50' 32.5153"	97° 22' 17.4426"	1600	664,516.760	2,862,195.060	14	25° 52' 13.3338"	97° 21' 29.0766"
1541	663,202.950	2,859,179.040	14	25° 50' 35.856"	97° 22' 17.6084"	1601	664,481.330	2,862,335.760	14	25° 52' 17.9204"	97° 21' 30.2859"
1542	663,182.390	2,859,292.890	14	25° 50' 39.564"	97° 22' 18.296"	1602	664,476.460	2,862,364.060	14	25° 52' 18.842"	97° 21' 30.4482"
1543	663,170.840	2,859,424.250	14	25° 50' 43.8374"	97° 22' 18.6523"	1603	664,446.680	2,862,541.600	14	25° 52' 24.6234"	97° 21' 31.4381"
1544	663,175.610	2,859,597.350	14	25° 50' 49.4606"	97° 22' 18.404"	1604	664,450.720	2,862,707.720	14	25° 52' 30.02"	97° 21' 31.2183"
1545	663,236.020	2,859,721.730	14	25° 50' 53.4782"	97° 22' 16.1793"	1605	664,471.600	2,862,809.240	14	25° 52' 33.3105"	97° 21' 30.4227"
1546	663,318.760	2,859,832.540	14	25° 50' 57.0457"	97° 22' 13.1586"	1606	664,480.970	2,862,853.440	14	25° 52' 34.7431"	97° 21' 30.0663"
1547	663,415.470	2,859,924.030	14	25° 50' 59.9798"	97° 22' 09.6449"	1607	664,483.870	2,862,925.930	14	25° 52' 37.0975"	97° 21' 29.9296"
1548	663,479.450	2,859,945.760	14	25° 51' 00.6602"	97° 22' 07.3376"	1608	664,483.730	2,862,937.230	14	25° 52' 37.4648"	97° 21' 29.9295"
1549	663,522.080	2,859,960.470	14	25° 51' 01.121"	97° 22' 05.8001"	1609	664,482.050	2,863,015.530	14	25° 52' 40.0099"	97° 21' 29.9547"
1550	663,619.970	2,859,964.120	14	25° 51' 01.2001"	97° 22' 02.2831"	1610	664,463.480	2,863,089.750	14	25° 52' 42.4293"	97° 21' 30.5884"
1551	663,712.980	2,859,925.620	14	25° 50' 59.9114"	97° 21' 58.9602"	1611	664,414.580	2,863,152.950	14	25° 52' 44.5029"	97° 21' 32.3165"
1552	663,741.500	2,859,913.900	14	25° 50' 59.519"	97° 21' 57.9413"	1612	664,332.400	2,863,176.850	14	25° 52' 45.313"	97° 21' 35.2576"
1553	663,835.260	2,859,871.090	14	25° 50' 58.0899"	97° 21' 54.5934"	1613	664,276.270	2,863,144.790	14	25° 52' 44.2939"	97° 21' 37.2882"
1554	663,917.710	2,859,883.520	14	25° 50' 58.4605"	97° 21' 51.6269"	1614	664,168.230	2,863,040.420	14	25° 52' 40.9462"	97° 21' 41.2158"
1555	663,973.890	2,859,920.450	14	25° 50' 59.6379"	97° 21' 49.5929"	1615	664,047.910	2,862,996.150	14	25° 52' 39.5564"	97° 21' 45.5575"
1556	663,965.800	2,860,014.960	14	25° 51' 02.7124"	97° 21' 49.8412"	1616	663,822.280	2,863,006.300	14	25° 52' 39.9776"	97° 21' 53.6575"
1557	663,916.270	2,860,127.780	14	25° 51' 06.3986"	97° 21' 51.5694"	1617	663,506.970	2,863,024.750	14	25° 52' 40.7047"	97° 22' 04.9751"
1558	663,834.020	2,860,220.370	14	25° 51' 09.4407"	97° 21' 54.4818"	1618	663,178.970	2,863,022.120	14	25° 52' 40.7516"	97° 22' 16.7579"
1559	663,713.940	2,860,284.010	14	25° 51' 11.5573"	97° 21' 58.7657"	1619	663,149.210	2,863,021.750	14	25° 52' 40.7516"	97° 22' 17.8271"
1560	663,587.210	2,860,325.750	14	25° 51' 12.9649"	97° 22' 03.2982"	1620	663,012.930	2,863,035.350	14	25° 52' 41.2485"	97° 22' 22.7162"
1561	663,358.580	2,860,323.360	14	25° 51' 12.9795"	97° 22' 11.5099"	1621	663,001.400	2,863,036.200	14	25° 52' 41.2808"	97° 22' 23.1299"
1562	663,200.240	2,860,321.390	14	25° 51' 12.9793"	97° 22' 17.1972"	1622	662,964.200	2,863,077.170	14	25° 52' 42.6271"	97° 22' 24.4479"
1563	663,055.010	2,860,319.590	14	25° 51' 12.9793"	97° 22' 22.4135"	1623	662,961.590	2,863,166.320	14	25° 52' 45.5252"	97° 22' 24.502"
1564	662,843.870	2,860,321.190	14	25° 51' 13.1163"	97° 22' 29.9954"	1624	662,989.200	2,863,283.540	14	25° 52' 49.3233"	97° 22' 23.458"
1565	662,814.000	2,860,321.040	14	25° 51' 13.1234"	97° 22' 31.0682"	1625	663,118.770	2,863,439.130	14	25° 52' 54.3272"	97° 22' 18.7345"
1566	662,759.490	2,860,343.960	14	25° 51' 13.8901"	97° 22' 33.0156"	1626	663,424.930	2,863,657.630	14	25° 53' 01.304"	97° 22' 07.6393"
1567	662,746.750	2,860,441.850	14	25° 51' 17.0763"	97° 22' 33.4296"	1627	663,656.010	2,863,773.060	14	25° 53' 04.9616"	97° 21' 59.287"
1568	662,749.350	2,860,539.370	14	25° 51' 20.2443"	97° 22' 33.293"	1628	663,975.900	2,863,868.230	14	25° 53' 07.9247"	97° 21' 47.7533"
1569	662,788.510	2,860,590.700	14	25° 51' 21.8966"	97° 22' 31.8638"	1629	664,098.210	2,863,872.850	14	25° 53' 08.0253"	97° 21' 43.3577"
1570	662,840.370	2,860,604.080	14	25° 51' 22.3106"	97° 22' 29.9954"	1630	664,341.920	2,863,881.990	14	25° 53' 08.2233"	97° 21' 34.599"
1571	663,071.670	2,860,641.510	14	25° 51' 23.4339"	97° 22' 21.672"	1631	664,456.230	2,863,917.650	14	25° 53' 09.3357"	97° 21' 30.4768"
1572	663,128.750	2,860,662.160	14	25° 51' 24.0819"	97° 22' 19.6129"	1632	664,571.550	2,863,991.660	14	25° 53' 11.6938"	97° 21' 26.301"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1633	664,621.100	2,864,060.300	14	25° 53' 13.9042"	97° 21' 24.4902"	1693	754,388.440	1,871,301.787	14	16° 54' 44.9017"	96° 36' 42.5539"
1634	664,629.360	2,864,137.290	14	25° 53' 16.4027"	97° 21' 24.1588"	1694	754,957.967	1,871,309.099	14	16° 54' 44.9145"	96° 36' 23.315"
1635	664,602.080	2,864,179.270	14	25° 53' 17.778"	97° 21' 25.1199"	1695	755,077.509	1,861,702.599	14	16° 49' 32.5023"	96° 36' 23.2131"
1636	664,554.080	2,864,226.970	14	25° 53' 19.3476"	97° 21' 26.8227"	1696	765,081.179	1,861,827.084	14	16° 49' 32.5371"	96° 30' 45.4527"
1637	664,367.540	2,864,285.790	14	25° 53' 21.3348"	97° 21' 33.4973"	1697	764,961.526	1,871,442.445	14	16° 54' 45.2174"	96° 30' 45.4001"
1638	664,219.500	2,864,319.830	14	25° 53' 22.5011"	97° 21' 38.8001"	1698	765,387.470	1,871,447.914	14	16° 54' 45.2201"	96° 30' 31.0125"
1639	664,005.780	2,864,292.680	14	25° 53' 21.7056"	97° 21' 46.4897"	1699	765,499.162	1,862,748.631	14	16° 50' 02.3291"	96° 30' 30.9509"
1640	663,979.870	2,864,289.140	14	25° 53' 21.6011"	97° 21' 47.4221"	1700	767,498.997	1,862,774.307	14	16° 50' 02.3415"	96° 29' 23.4287"
1641	663,843.110	2,864,344.270	14	25° 53' 23.448"	97° 21' 52.3103"	1701	767,519.462	1,861,180.375	14	16° 49' 10.509"	96° 29' 23.4207"
1642	663,769.280	2,864,373.810	14	25° 53' 24.4378"	97° 21' 54.9492"	1702	765,280.181	1,861,152.070	14	16° 49' 10.5085"	96° 30' 39.0216"
1643	663,748.220	2,864,410.223	14	25° 53' 25.6296"	97° 21' 55.6895"	1703	765,318.117	1,858,150.868	14	16° 47' 32.9122"	96° 30' 39.0144"
1644	666,546.600	2,864,443.771	14	25° 53' 25.577"	97° 20' 15.1476"	1704	767,557.994	1,858,179.181	14	16° 47' 32.9143"	96° 29' 23.4041"
1645	666,508.563	2,867,443.689	14	25° 55' 03.0768"	97° 20' 15.1476"	1705	767,569.606	1,857,274.760	14	16° 47' 03.5037"	96° 29' 23.3987"
1646	677,508.277	2,867,583.229	14	25° 55' 02.927"	97° 13' 39.8608"	1706	769,069.483	1,857,294.018	14	16° 47' 03.5107"	96° 28' 32.7709"
1647	677,487.987	2,869,083.177	14	25° 55' 51.6747"	97° 13' 39.8608"	1707	769,120.835	1,853,294.347	14	16° 44' 53.4476"	96° 28' 32.7544"
1648	686,487.683	2,869,204.949	14	25° 55' 51.5743"	97° 08' 16.4205"	1708	767,620.959	1,853,275.090	14	16° 44' 53.4393"	96° 29' 23.3727"
1649	686,466.353	2,870,704.887	14	25° 56' 40.3201"	97° 08' 16.4205"	1709	767,623.539	1,853,074.156	14	16° 44' 46.9052"	96° 29' 23.3713"
1650	699,665.826	2,870,892.639	14	25° 56' 40.1042"	97° 00' 22.0101"	1710	765,139.875	1,853,054.788	14	16° 44' 47.2908"	96° 30' 47.1857"
1651	699,642.975	2,872,392.560	14	25° 57' 28.847"	97° 00' 22.0101"	1711	765,125.357	1,854,255.223	14	16° 45' 26.3278"	96° 30' 47.1685"
1652	481,676.982	2,865,294.489	15	25° 54' 27.1229"	93° 10' 58.5895"	1712	767,704.547	1,854,287.674	14	16° 45' 26.3276"	96° 29' 20.1202"
1653	481,638.390	2,837,505.988	15	25° 39' 23.7253"	93° 10' 58.5895"	1713	767,685.667	1,855,788.271	14	16° 46' 15.125"	96° 29' 20.1168"
1654	710,337.708	2,837,189.770	15	25° 38' 19.7455"	90° 54' 17.8299"	1714	765,107.209	1,855,755.829	14	16° 46' 15.126"	96° 30' 47.1466"
1655	710,164.575	2,848,107.969	15	25° 44' 14.5502"	90° 54' 17.8299"	1715	765,091.620	1,857,044.913	14	16° 46' 57.0457"	96° 30' 47.1273"
1656	269,610.589	2,847,460.484	16	25° 43' 42.5783"	89° 17' 47.1305"	1716	764,927.856	1,857,042.932	14	16° 46' 57.048"	96° 30' 52.6551"
1657	257,511.273	2,045,215.152	16	18° 29' 04.4158"	89° 17' 47.1306"	1717	764,879.239	1,861,054.867	14	16° 49' 07.5119"	96° 30' 52.5971"
1658	559,955.025	2,037,801.830	15	18° 25' 50.2881"	92° 25' 56.1874"	1718	739,870.579	1,860,751.177	14	16° 49' 07.3676"	96° 44' 56.9876"
1659	560,531.488	1,844,961.607	15	16° 41' 15.0785"	92° 25' 56.1874"	1719	739,966.424	1,852,858.484	14	16° 44' 50.6651"	96° 44' 56.776"
1660	207,323.230	1,852,873.864	15	16° 44' 29.6249"	95° 44' 41.8132"	1720	738,212.499	1,852,844.807	14	16° 44' 50.864"	96° 45' 55.9752"
1661	207,340.978	1,854,140.810	15	16° 45' 10.818"	95° 44' 41.8049"	1721	738,151.213	1,858,563.034	14	16° 47' 56.8431"	96° 45' 55.8705"
1662	200,330.901	1,854,239.010	15	16° 45' 10.8231"	95° 48' 38.3469"	1722	728,149.390	1,858,455.839	14	16° 47' 56.9481"	96° 51' 33.5702"
1663	200,747.427	1,882,633.496	15	17° 00' 33.9833"	95° 48' 37.9511"	1723	728,210.363	1,852,766.810	14	16° 44' 51.9079"	96° 51' 33.5836"
1664	785,598.338	1,882,388.295	14	17° 00' 32.2413"	96° 19' 03.4453"	1724	689,979.233	1,852,468.681	14	16° 44' 54.4828"	97° 13' 04.1987"
1665	785,773.337	1,871,386.494	14	16° 54' 34.5124"	96° 19' 02.613"	1725	689,957.429	1,854,836.826	14	16° 46' 11.5228"	97° 13' 04.2175"
1666	786,562.534	1,871,398.978	14	16° 54' 34.5681"	96° 18' 35.9586"	1726	674,956.966	1,854,698.711	14	16° 46' 11.2375"	97° 21' 30.7369"
1667	786,626.306	1,867,416.995	14	16° 52' 25.0918"	96° 18' 35.6409"	1727	674,978.575	1,852,351.705	14	16° 44' 54.8801"	97° 21' 30.6621"
1668	780,823.070	1,867,336.148	14	16° 52' 25.0105"	96° 21' 51.6014"	1728	670,078.361	1,852,313.493	14	16° 44' 54.9351"	97° 24' 16.1142"
1669	780,951.310	1,858,131.014	14	16° 47' 25.6954"	96° 21' 51.4145"	1729	669,915.937	1,869,954.066	14	16° 54' 28.8609"	97° 24' 16.7958"
1670	791,981.942	1,858,287.728	14	16° 47' 25.9277"	96° 15' 39.1066"	1730	664,698.454	1,869,906.026	14	16° 54' 28.6519"	97° 27' 13.1134"
1671	791,988.354	1,857,876.919	14	16° 47' 12.5704"	96° 15' 39.0818"	1731	664,687.388	1,871,250.665	14	16° 55' 12.3992"	97° 27' 13.1305"
1672	783,755.103	1,857,762.530	14	16° 47' 12.498"	96° 20' 16.9627"	1732	673,501.848	1,871,330.510	14	16° 55' 12.6834"	97° 22' 15.2414"
1673	783,818.487	1,853,200.445	14	16° 44' 44.1589"	96° 20' 16.8886"	1733	673,604.555	1,860,030.396	14	16° 49' 05.048"	97° 22' 14.9224"
1674	782,123.282	1,853,187.226	14	16° 44' 44.4653"	96° 21' 14.0885"	1734	683,604.653	1,860,121.556	14	16° 49' 05.2593"	97° 16' 37.159"
1675	782,113.345	1,853,961.201	14	16° 45' 09.6315"	96° 21' 14.076"	1735	683,552.371	1,865,872.477	14	16° 52' 12.3507"	97° 16' 37.2317"
1676	780,613.468	1,853,941.944	14	16° 45' 09.6533"	96° 22' 04.691"	1736	688,084.510	1,865,914.618	14	16° 52' 12.4187"	97° 14' 04.1171"
1677	780,309.206	1,877,639.991	14	16° 58' 00.2103"	96° 22' 04.2959"	1737	688,112.406	1,862,914.533	14	16° 50' 34.8206"	97° 14' 04.0806"
1678	774,309.700	1,877,562.962	14	16° 58' 00.2946"	96° 25' 26.9895"	1738	692,112.520	1,862,951.728	14	16° 50' 34.856"	97° 11' 48.9618"
1679	774,363.620	1,873,363.308	14	16° 55' 43.7357"	96° 25' 27.0284"	1739	692,149.714	1,858,951.615	14	16° 48' 24.7273"	97° 11' 48.9367"
1680	771,863.826	1,873,331.213	14	16° 55' 43.752"	96° 26' 51.4696"	1740	698,016.220	1,859,006.164	14	16° 48' 24.7382"	97° 08' 30.8159"
1681	771,850.988	1,874,331.131	14	16° 56' 16.2666"	96° 26' 51.4647"	1741	698,047.300	1,855,740.347	14	16° 46' 38.4995"	97° 08' 30.8"
1682	769,851.153	1,874,305.455	14	16° 56' 16.2732"	96° 27' 59.0219"	1742	702,547.542	1,855,783.173	14	16° 46' 38.5061"	97° 05' 58.847"
1683	769,825.477	1,876,305.290	14	16° 57' 21.3032"	96° 27' 59.0179"	1743	702,507.654	1,859,974.639	14	16° 48' 54.8536"	97° 05' 58.8369"
1684	769,025.543	1,876,295.019	14	16° 57' 21.3044"	96° 28' 26.0436"	1744	704,004.291	1,859,988.882	14	16° 48' 54.8479"	97° 05' 08.2929"
1685	768,999.867	1,878,294.855	14	16° 58' 26.3347"	96° 28' 26.0413"	1745	703,994.774	1,860,988.936	14	16° 49' 27.3791"	97° 05' 08.2877"
1686	770,299.759	1,878,311.544	14	16° 58' 26.3317"	96° 27' 42.1204"	1746	704,494.801	1,860,993.694	14	16° 49' 27.3763"	97° 04' 51.4002"
1687	770,171.379	1,888,310.720	14	17° 03' 51.4787"	96° 27' 42.0744"	1747	704,475.768	1,862,993.802	14	16° 50' 32.4384"	97° 04' 51.3875"
1688	761,172.120	1,888,195.177	14	17° 03' 51.4649"	96° 32' 46.296"	1748	701,975.633	1,862,970.010	14	16° 50' 32.4492"	97° 06' 15.8334"
1689	761,178.539	1,887,695.218	14	17° 03' 35.2067"	96° 32' 46.2916"	1749	701,977.453	1,862,778.760	14	16° 50' 26.2279"	97° 06' 15.8339"
1690	745,179.858	1,887,489.809	14	17° 03' 34.8672"	96° 41' 47.16"	1750	698,115.158	1,862,742.004	14	16° 50' 26.2254"	97° 08' 26.2896"
1691	745,494.391	1,862,991.828	14	16° 50' 18.1254"	96° 41' 46.2401"	1751	698,112.689	1,863,007.520	14	16° 50' 34.8627"	97° 08' 26.2887"
1692	754,493.649	1,863,107.371	14	16° 50' 18.4097"	96° 36' 42.3513"						

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1752	702,112.803	1,863,044.715	14	16° 50' 34.8363"	97° 06' 11.1764"	1775	672,471.367	2,028,696.042	14	18° 20' 31.8861"	97° 22' 04.169"
1753	702,047.712	1,870,044.913	14	16° 54' 22.5494"	97° 06' 11.1019"	1776	671,571.496	2,028,688.946	14	18° 20' 31.9171"	97° 22' 34.8192"
1754	699,047.627	1,870,017.017	14	16° 54' 22.5749"	97° 07' 52.4695"	1777	671,568.342	2,029,088.888	14	18° 20' 44.9267"	97° 22' 34.8051"
1755	698,991.835	1,876,017.187	14	16° 57' 37.7594"	97° 07' 52.428"	1778	671,064.891	2,029,084.918	14	18° 20' 44.9434"	97° 22' 51.9535"
1756	685,991.467	1,875,896.304	14	16° 57' 37.7207"	97° 15' 11.8307"	1779	671,061.333	2,029,484.858	14	18° 20' 57.9532"	97° 22' 51.9535"
1757	686,019.363	1,872,896.219	14	16° 56' 00.1226"	97° 15' 11.7892"	1780	671,865.146	2,029,491.197	14	18° 20' 57.9262"	97° 22' 24.5738"
1758	683,019.278	1,872,868.323	14	16° 56' 00.075"	97° 16' 53.1791"	1781	671,861.203	2,029,991.125	14	18° 21' 14.1882"	97° 22' 24.5559"
1759	683,026.261	1,872,117.412	14	16° 55' 35.6461"	97° 16' 53.1648"	1782	672,829.264	2,029,998.759	14	18° 21' 14.1542"	97° 21' 51.5808"
1760	678,995.541	1,872,080.507	14	16° 55' 35.5784"	97° 19' 09.3828"	1783	672,785.542	2,035,543.362	14	18° 24' 14.5119"	97° 21' 51.3696"
1761	678,994.632	1,872,180.508	14	16° 55' 38.8317"	97° 19' 09.3846"	1784	663,335.921	2,035,468.846	14	18° 24' 14.7835"	97° 27' 13.3508"
1762	673,494.577	1,872,130.518	14	16° 55' 38.7106"	97° 22' 15.2633"	1785	663,020.743	2,073,766.389	14	18° 45' 00.5734"	97° 27' 12.8668"
1763	673,394.597	1,883,130.629	14	17° 01' 36.5821"	97° 22' 15.5551"	1786	591,572.953	2,073,552.531	14	18° 45' 09.3664"	98° 07' 52.5452"
1764	664,590.278	1,883,050.607	14	17° 01' 36.3035"	97° 27' 13.2697"	1787	591,568.739	2,074,451.264	14	18° 45' 38.6068"	98° 07' 52.5394"
1765	663,607.461	2,002,473.656	14	18° 06' 21.4396"	97° 27' 13.6048"	1788	587,569.999	2,074,432.514	14	18° 45' 38.6174"	98° 10' 09.1055"
1766	673,045.727	2,002,548.081	14	18° 06' 21.2107"	97° 21' 52.5589"	1789	587,574.182	2,073,540.561	14	18° 45' 09.5973"	98° 10' 09.1047"
1767	672,908.931	2,019,895.819	14	18° 15' 45.5181"	97° 21' 51.9539"	1790	556,221.092	2,073,446.715	14	18° 45' 10.4482"	98° 27' 59.8633"
1768	672,751.547	2,019,894.578	14	18° 15' 45.5236"	97° 21' 57.312"	1791	555,795.830	2,211,146.104	14	19° 59' 50.4845"	98° 27' 59.8633"
1769	672,746.486	2,020,536.379	14	18° 16' 06.4007"	97° 21' 57.2889"	1792	490,499.651	2,211,276.157	14	19° 59' 57.5213"	99° 05' 26.949"
1770	672,903.870	2,020,537.620	14	18° 16' 06.3952"	97° 21' 51.9306"	1793	490,500.991	2,213,364.538	14	20° 01' 05.464"	99° 05' 26.9419"
1771	672,830.052	2,029,898.773	14	18° 21' 10.9018"	97° 21' 51.5846"	1794	486,502.584	2,213,367.114	14	20° 01' 05.4624"	99° 07' 44.561"
1772	672,061.963	2,029,892.716	14	18° 21' 10.9289"	97° 22' 17.7479"	1795	486,501.241	2,211,284.121	14	19° 59' 57.695"	99° 07' 44.552"
1773	672,068.271	2,029,092.831	14	18° 20' 44.9097"	97° 22' 17.7768"						
1774	672,468.214	2,029,095.984	14	18° 20' 44.8957"	97° 22' 04.1542"						

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 131, a fojas 66, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 1.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 132.- NOMBRE DEL LOTE.- HIDALGO FRACCION 1.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 132
TITULAR: SERVICIO GEOLOGICO MEXICANO
NOMBRE DEL LOTE: HIDALGO FRACCION 1
SUPERFICIE: 107,548.8528 Has.

MUNICIPIO Y ESTADO: HIDALGO, COAHUILA
GUERRERO, COAHUILA
ANAHUAC, NUEVO LEON

LOCALIZACION DEL LOTE MINERO

PUNTO DE PARTIDA

La mojenera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	Al	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	Al	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	Al	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.: **2,224,808.059 mN** **532,122.262 mE**

PERIMETRO

LINEA AUXILIAR:

COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
ESTE	NORTE	ZONA	LATITUD	LONGITUD	ESTE	NORTE	ZONA	LATITUD	LONGITUD
PP 532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A 1 357,297.532	3,124,308.431	14	28° 14' 18.6435"	100° 27' 16.0977"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1	357,297.532	3,124,308.431	14	28° 14' 18.6435"	100° 27' 16.0977"	37	387,876.694	3,049,205.570	14	27° 33' 48.9412"	100° 08' 08.7187"
2	362,540.843	3,124,241.700	14	28° 14' 18.4844"	100° 24' 03.7277"	38	386,876.904	3,049,217.864	14	27° 33' 49.0413"	100° 08' 45.1756"
3	362,426.761	3,114,383.618	14	28° 08' 58.1636"	100° 24' 03.7339"	39	386,883.051	3,049,717.758	14	27° 34' 05.2873"	100° 08' 45.1202"
4	372,425.604	3,114,268.249	14	28° 08' 58.0275"	100° 17' 57.1894"	40	386,383.157	3,049,723.906	14	27° 34' 05.3364"	100° 09' 03.3493"
5	372,318.776	3,104,269.293	14	28° 03' 33.1177"	100° 17' 57.1895"	41	386,389.304	3,050,223.800	14	27° 34' 21.5823"	100° 09' 03.2947"
6	387,317.256	3,104,109.291	14	28° 03' 32.8124"	100° 08' 47.8092"	42	385,889.409	3,050,229.947	14	27° 34' 21.6306"	100° 09' 21.5245"
7	387,176.361	3,089,110.577	14	27° 55' 25.4153"	100° 08' 47.8093"	43	385,895.556	3,050,729.841	14	27° 34' 37.8765"	100° 09' 21.4706"
8	391,112.744	3,089,073.682	14	27° 55' 25.3944"	100° 06' 23.8013"	44	385,395.661	3,050,735.988	14	27° 34' 37.9242"	100° 09' 39.7012"
9	391,015.039	3,083,592.665	14	27° 52' 27.2659"	100° 06' 25.5625"	45	385,401.809	3,051,235.882	14	27° 34' 54.1701"	100° 09' 39.6481"
10	392,459.741	3,083,566.912	14	27° 52' 26.8504"	100° 05' 32.7294"	46	384,901.914	3,051,242.029	14	27° 34' 54.217"	100° 09' 57.8794"
11	392,446.460	3,082,793.493	14	27° 52' 01.7149"	100° 05' 32.9629"	47	384,914.208	3,052,241.817	14	27° 35' 26.7087"	100° 09' 57.7747"
12	392,601.325	3,082,790.733	14	27° 52' 01.67"	100° 05' 27.2998"	48	384,414.314	3,052,247.965	14	27° 35' 26.755"	100° 10' 16.0075"
13	392,499.238	3,077,063.848	14	27° 48' 55.5489"	100° 05' 29.1693"	49	384,420.461	3,052,747.858	14	27° 35' 43.0007"	100° 10' 15.956"
14	395,644.523	3,077,007.780	14	27° 48' 54.6223"	100° 03' 34.2073"	50	383,920.566	3,052,754.006	14	27° 35' 43.0464"	100° 10' 34.1895"
15	395,630.736	3,076,234.370	14	27° 48' 29.4866"	100° 03' 34.4672"	51	383,932.860	3,053,753.794	14	27° 36' 15.5379"	100° 10' 34.0879"
16	395,685.597	3,076,233.392	14	27° 48' 29.4702"	100° 03' 32.4621"	52	383,432.966	3,053,759.941	14	27° 36' 15.5827"	100° 10' 52.3229"
17	395,503.289	3,066,006.303	14	27° 42' 57.0888"	100° 03' 35.9033"	53	383,451.407	3,055,259.623	14	27° 37' 04.3198"	100° 10' 52.173"
18	398,648.574	3,065,950.235	14	27° 42' 56.1331"	100° 01' 41.0452"	54	382,951.512	3,055,265.770	14	27° 37' 04.364"	100° 11' 10.4102"
19	398,634.787	3,065,176.825	14	27° 42' 30.9969"	100° 01' 41.3129"	55	383,012.985	3,060,264.710	14	27° 39' 46.8201"	100° 11' 09.9193"
20	398,689.648	3,065,175.847	14	27° 42' 30.98"	100° 01' 39.3096"	56	382,013.195	3,060,277.004	14	27° 39' 46.9059"	100° 11' 46.4086"
21	398,505.557	3,054,848.753	14	27° 36' 55.3419"	100° 01' 42.8881"	57	382,025.490	3,061,276.792	14	27° 40' 19.3969"	100° 11' 46.3137"
22	398,850.715	3,054,842.601	14	27° 36' 55.2352"	100° 01' 30.2952"	58	381,525.595	3,061,282.940	14	27° 40' 19.4389"	100° 12' 04.5598"
23	398,732.610	3,048,217.129	14	27° 33' 19.9001"	100° 01' 32.5997"	59	381,537.889	3,062,282.728	14	27° 40' 51.9298"	100° 12' 04.4665"
24	398,914.063	3,048,213.894	14	27° 33' 19.8437"	100° 01' 25.9831"	60	381,037.995	3,062,288.875	14	27° 40' 51.971"	100° 12' 22.7141"
25	398,849.887	3,044,613.731	14	27° 31' 22.8337"	100° 01' 27.2379"	61	381,050.289	3,063,288.663	14	27° 41' 24.4618"	100° 12' 22.6224"
26	398,600.072	3,044,616.987	14	27° 31' 22.8724"	100° 01' 36.3443"	62	380,550.394	3,063,294.810	14	27° 41' 24.5022"	100° 12' 40.8714"
27	398,646.995	3,048,216.442	14	27° 33' 19.8547"	100° 01' 35.721"	63	380,562.689	3,064,294.598	14	27° 41' 56.993"	100° 12' 40.7813"
28	389,548.373	3,048,335.052	14	27° 33' 21.148"	100° 07' 07.4816"	64	380,062.794	3,064,300.745	14	27° 41' 57.0327"	100° 12' 59.0319"
29	389,533.385	3,047,185.319	14	27° 32' 43.7825"	100° 07' 07.6494"	65	380,075.088	3,065,300.533	14	27° 42' 29.5234"	100° 12' 58.9433"
30	389,351.789	3,047,187.552	14	27° 32' 43.8017"	100° 07' 14.2701"	66	379,575.193	3,065,306.680	14	27° 42' 29.5624"	100° 13' 17.1954"
31	389,357.936	3,047,687.446	14	27° 33' 00.0478"	100° 07' 14.2109"	67	379,587.488	3,066,306.468	14	27° 43' 02.053"	100° 13' 17.1084"
32	388,858.042	3,047,693.593	14	27° 33' 00.1003"	100° 07' 32.4371"	68	379,087.593	3,066,312.616	14	27° 43' 02.0914"	100° 13' 35.362"
33	388,864.189	3,048,193.487	14	27° 33' 16.3463"	100° 07' 32.3787"	69	379,099.887	3,067,312.404	14	27° 43' 34.5819"	100° 13' 35.2766"
34	388,364.294	3,048,199.635	14	27° 33' 16.3981"	100° 07' 50.6057"	70	378,599.993	3,067,318.551	14	27° 43' 34.6195"	100° 13' 53.5316"
35	388,370.441	3,048,699.529	14	27° 33' 32.6441"	100° 07' 50.548"	71	378,612.287	3,068,318.339	14	27° 44' 07.1099"	100° 13' 53.4479"
36	387,870.546	3,048,705.676	14	27° 33' 32.6952"	100° 08' 08.7757"	72	378,112.392	3,068,324.486	14	27° 44' 07.1468"	100° 14' 11.7044"
						73	378,124.687	3,069,324.274	14	27° 44' 39.6371"	100° 14' 11.6222"
						74	377,624.792	3,069,330.421	14	27° 44' 39.6733"	100° 14' 29.8802"
						75	377,637.086	3,070,330.209	14	27° 45' 12.1635"	100° 14' 29.7996"

VERTICE	COORDENADAS U.T.M.			ZONA	COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			ZONA	COORDENADAS GEOGRAFICAS	
	E	N			LATITUD	LONGITUD		E	N			LATITUD	LONGITUD
76	377,137.191	3,070,336.357	14		27° 45' 12.199"	100° 14' 48.0591"	109	370,007.602	3,100,422.204	14		28° 01' 27.3149"	100° 19' 20.3047"
77	377,149.486	3,071,336.144	14		27° 45' 44.6891"	100° 14' 47.9801"	110	369,507.707	3,100,428.351	14		28° 01' 27.3382"	100° 19' 38.6092"
78	376,649.591	3,071,342.292	14		27° 45' 44.7239"	100° 15' 06.2411"	111	369,520.001	3,101,428.139	14		28° 01' 59.8263"	100° 19' 38.5577"
79	376,661.885	3,072,342.080	14		27° 46' 17.2139"	100° 15' 06.1637"	112	369,020.106	3,101,434.286	14		28° 01' 59.8488"	100° 19' 56.8637"
80	376,161.990	3,072,348.227	14		27° 46' 17.2479"	100° 15' 24.4262"	113	369,038.548	3,102,933.968	14		28° 02' 48.5808"	100° 19' 56.7889"
81	376,174.285	3,073,348.015	14		27° 46' 49.7379"	100° 15' 24.3504"	114	368,538.653	3,102,940.116	14		28° 02' 48.6026"	100° 20' 15.0972"
82	375,674.390	3,073,354.162	14		27° 46' 49.7712"	100° 15' 42.6143"	115	368,544.800	3,103,440.010	14		28° 03' 04.8465"	100° 20' 15.073"
83	375,686.685	3,074,353.950	14		27° 47' 22.2611"	100° 15' 42.5402"	116	368,044.905	3,103,446.157	14		28° 03' 04.8676"	100° 20' 33.3821"
84	375,186.790	3,074,360.097	14		27° 47' 22.2937"	100° 16' 00.8055"	117	368,057.199	3,104,445.945	14		28° 03' 37.3554"	100° 20' 33.3354"
85	375,199.084	3,075,359.885	14		27° 47' 54.7835"	100° 16' 00.7331"	118	367,557.304	3,104,452.092	14		28° 03' 37.3757"	100° 20' 51.646"
86	374,699.189	3,075,366.033	14		27° 47' 54.8154"	100° 16' 18.9999"	119	367,569.599	3,105,451.880	14		28° 04' 09.8635"	100° 20' 51.601"
87	374,717.631	3,076,865.715	14		27° 48' 43.5499"	100° 16' 18.8936"	120	367,069.704	3,105,458.027	14		28° 04' 09.8831"	100° 21' 09.913"
88	374,217.736	3,076,871.862	14		27° 48' 43.581"	100° 16' 37.1627"	121	367,081.998	3,106,457.815	14		28° 04' 42.3707"	100° 21' 09.8697"
89	374,242.325	3,078,871.438	14		27° 49' 48.5602"	100° 16' 37.0243"	122	366,582.103	3,106,463.963	14		28° 04' 42.3896"	100° 21' 28.1832"
90	373,742.430	3,078,877.585	14		27° 49' 48.5905"	100° 16' 55.2964"	123	366,594.398	3,107,463.750	14		28° 05' 14.8771"	100° 21' 28.1415"
91	373,785.461	3,082,376.843	14		27° 51' 42.3034"	100° 16' 55.0606"	124	366,094.503	3,107,469.898	14		28° 05' 14.8953"	100° 21' 46.4565"
92	372,785.671	3,082,389.137	14		27° 51' 42.3618"	100° 17' 31.6153"	125	366,106.797	3,108,469.686	14		28° 05' 47.3828"	100° 21' 46.4165"
93	372,810.260	3,084,388.713	14		27° 52' 47.3402"	100° 17' 31.4871"	126	365,606.902	3,108,475.833	14		28° 05' 47.4001"	100° 22' 04.733"
94	372,310.365	3,084,394.860	14		27° 52' 47.3683"	100° 17' 49.7675"	127	365,619.197	3,109,475.621	14		28° 06' 19.8875"	100° 22' 04.6946"
95	372,328.806	3,085,894.542	14		27° 53' 36.1019"	100° 17' 49.6739"	128	363,119.721	3,109,506.357	14		28° 06' 19.964"	100° 23' 36.2846"
96	371,828.911	3,085,900.690	14		27° 53' 36.1292"	100° 18' 07.9565"	129	363,133.638	3,111,009.554	14		28° 07' 08.8071"	100° 23' 36.406"
97	371,890.384	3,090,899.629	14		27° 56' 18.5736"	100° 18' 07.6539"	130	362,133.848	3,111,021.849	14		28° 07' 08.8328"	100° 24' 13.0464"
98	371,390.489	3,090,905.777	14		27° 56' 18.6001"	100° 18' 25.9441"	131	362,158.437	3,113,021.425	14		28° 08' 13.8066"	100° 24' 12.9918"
99	371,458.109	3,096,404.610	14		27° 59' 17.2874"	100° 18' 25.6226"	132	361,158.647	3,113,033.720	14		28° 08' 13.8293"	100° 24' 49.6382"
100	370,958.214	3,096,410.758	14		27° 59' 17.3129"	100° 18' 43.9212"	133	361,183.237	3,115,033.296	14		28° 09' 18.8027"	100° 24' 49.5902"
101	370,970.272	3,097,391.304	14		27° 59' 49.1761"	100° 18' 43.8657"	134	360,183.447	3,115,045.591	14		28° 09' 18.8225"	100° 25' 26.2426"
102	371,167.384	3,097,387.790	14		27° 59' 49.1307"	100° 18' 36.6494"	135	360,208.036	3,117,045.167	14		28° 10' 23.7955"	100° 25' 26.2013"
103	371,177.606	3,097,961.191	14		28° 00' 07.7647"	100° 18' 36.5006"	136	359,208.246	3,117,057.462	14		28° 10' 23.8123"	100° 26' 02.8598"
104	370,577.578	3,097,971.887	14		28° 00' 07.9024"	100° 18' 58.4686"	137	359,245.131	3,120,056.826	14		28° 12' 01.2711"	100° 26' 02.8078"
105	370,581.618	3,098,198.522	14		28° 00' 15.2674"	100° 18' 58.4102"	138	358,245.340	3,120,069.121	14		28° 12' 01.2849"	100° 26' 39.4755"
106	370,481.641	3,098,200.305	14		28° 00' 15.2903"	100° 19' 02.0706"	139	358,282.225	3,123,068.484	14		28° 13' 38.743"	100° 26' 39.4339"
107	370,495.202	3,099,416.269	14		28° 00' 54.8028"	100° 19' 02.0548"	140	357,282.435	3,123,080.779	14		28° 13' 38.7537"	100° 27' 16.1106"
108	369,995.307	3,099,422.416	14		28° 00' 54.8267"	100° 19' 20.3579"							

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBICAN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 132, a fojas 66, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 2.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 133.- NOMBRE DEL LOTE.- HIDALGO FRACCION 2.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 133
 TITULAR: SERVICIO GEOLOGICO MEXICANO
 NOMBRE DEL LOTE: HIDALGO FRACCION 2
 SUPERFICIE: 1,773.1129 Has.

MUNICIPIO Y ESTADO: GUERRERO, COAHUILA

LOCALIZACION DEL LOTE MINERO**PUNTO DE PARTIDA**

La mojenera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	AI	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	AI	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	AI	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.: **2,224,808.059 mN** **532,122.262 mE**

PERIMETRO**LINEA AUXILIAR:**

COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
ESTE	NORTE	ZONA	LATITUD	LONGITUD	ESTE	NORTE	ZONA	LATITUD	LONGITUD
PP 532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A 1 357,191.613	3,107,579.389	14	28° 05' 15.1048"	100° 27' 12.6338"

VERTICE	COORDENADAS U.T.M.		ZONA	COORDENADAS GEOGRAFICAS	
	E	N		LATITUD	LONGITUD
1	357,191.613	3,107,579.389	14	28° 05' 15.1048"	100° 27' 12.6338"
2	357,596.303	3,107,574.412	14	28° 05' 15.0999"	100° 26' 57.8073"
3	357,571.714	3,105,574.836	14	28° 04' 10.1267"	100° 26' 57.8357"
4	358,071.609	3,105,568.689	14	28° 04' 10.12"	100° 26' 39.5242"
5	358,059.314	3,104,568.901	14	28° 03' 37.6333"	100° 26' 39.5402"
6	358,559.209	3,104,562.754	14	28° 03' 37.6259"	100° 26' 21.2302"
7	358,546.915	3,103,562.966	14	28° 03' 05.1391"	100° 26' 21.2478"
8	359,046.810	3,103,556.819	14	28° 03' 05.1309"	100° 26' 02.9393"
9	359,028.368	3,102,057.137	14	28° 02' 16.4005"	100° 26' 02.9682"
10	359,528.264	3,102,050.990	14	28° 02' 16.3916"	100° 25' 44.6619"
11	359,515.969	3,101,051.202	14	28° 01' 43.9046"	100° 25' 44.6829"
12	360,015.864	3,101,045.054	14	28° 01' 43.8949"	100° 25' 26.3782"
13	360,003.570	3,100,045.266	14	28° 01' 11.4078"	100° 25' 26.4008"
14	360,503.465	3,100,039.119	14	28° 01' 11.3974"	100° 25' 08.0975"
15	360,497.318	3,099,539.225	14	28° 00' 55.1538"	100° 25' 08.1096"
16	360,997.213	3,099,533.078	14	28° 00' 55.1427"	100° 24' 49.8071"
17	360,984.918	3,098,533.290	14	28° 00' 22.6554"	100° 24' 49.833"
18	361,484.813	3,098,527.143	14	28° 00' 22.6436"	100° 24' 31.532"
19	361,482.833	3,098,366.064	14	28° 00' 17.4094"	100° 24' 31.5364"
20	361,387.936	3,098,367.529	14	28° 00' 17.4214"	100° 24' 35.0106"
21	361,388.175	3,098,383.004	14	28° 00' 17.9243"	100° 24' 35.0084"
22	357,028.878	3,098,450.304	14	28° 00' 18.4485"	100° 27' 14.6038"

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 133, a fojas 67, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 3.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA**NUMERO 134.- NOMBRE DEL LOTE.- HIDALGO FRACCION 3.- AGENCIA.- PACHUCA, HIDALGO**

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 134
 TITULAR: SERVICIO GEOLOGICO MEXICANO
 NOMBRE DEL LOTE: HIDALGO FRACCION 3
 SUPERFICIE: 25,525.4771 Has.
 MUNICIPIO Y ESTADO: VILLA UNION, COAHUILA
 JUAREZ, COAHUILA

LOCALIZACION DEL LOTE MINERO**PUNTO DE PARTIDA**

La mojenera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia	Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	AI SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	AI SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	AI NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.:

2,224,808.059 mN**532,122.262 mE****PERIMETRO****LINEA AUXILIAR:**

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS				COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS			
ESTE	NORTE	ZONA		LATITUD	LONGITUD			ESTE	NORTE	ZONA		LATITUD	LONGITUD		
PP 532,122.2623	2,224,808.0595	13		20°07'16.8812" N	98°41'33.6796" W	A	1	311,235.222	3,088,594.317	14		27° 54' 37.7426"	100° 55' 04.9107"		

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS				COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS			
VERTICE	E	N	ZONA	LATITUD	LONGITUD			VERTICE	E	N	ZONA	LATITUD	LONGITUD		
1	311,235.222	3,088,594.317	14	27° 54' 37.7426"	100° 55' 04.9107"			22	323,012.608	3,072,373.568	14	27° 45' 56.6335"	100° 47' 45.5941"		
2	331,237.535	3,088,237.757	14	27° 54' 35.8055"	100° 42' 53.3376"			23	323,015.792	3,072,573.543	14	27° 46' 03.1311"	100° 47' 45.5845"		
3	330,889.913	3,068,736.871	14	27° 44' 02.1463"	100° 42' 56.0807"			24	322,815.817	3,072,576.726	14	27° 46' 03.1396"	100° 47' 52.8888"		
4	326,423.272	3,068,816.494	14	27° 44' 02.6836"	100° 45' 39.1869"			25	322,817.409	3,072,676.714	14	27° 46' 06.3884"	100° 47' 52.8841"		
5	326,455.110	3,070,816.363	14	27° 45' 07.6649"	100° 45' 39.0694"			26	322,617.434	3,072,679.897	14	27° 46' 06.3967"	100° 48' 00.1884"		
6	324,488.506	3,070,847.672	14	27° 45' 07.7623"	100° 46' 50.892"			27	322,620.618	3,072,879.872	14	27° 46' 12.8943"	100° 48' 00.179"		
7	324,490.133	3,070,949.868	14	27° 45' 11.0829"	100° 46' 50.8866"			28	322,420.643	3,072,883.056	14	27° 46' 12.9026"	100° 48' 07.4834"		
8	324,390.145	3,070,951.460	14	27° 45' 11.0876"	100° 46' 54.5382"			29	322,423.827	3,073,083.030	14	27° 46' 19.4002"	100° 48' 07.4742"		
9	324,393.329	3,071,151.435	14	27° 45' 17.5852"	100° 46' 54.5278"			30	322,123.865	3,073,087.806	14	27° 46' 19.4123"	100° 48' 18.431"		
10	324,193.354	3,071,154.618	14	27° 45' 17.5945"	100° 47' 01.8312"			31	322,127.049	3,073,287.781	14	27° 46' 25.9099"	100° 48' 18.422"		
11	324,196.538	3,071,354.593	14	27° 45' 24.0921"	100° 47' 01.8209"			32	321,827.087	3,073,292.556	14	27° 46' 25.9218"	100° 48' 29.379"		
12	323,996.563	3,071,357.776	14	27° 45' 24.1013"	100° 47' 09.1244"			33	321,830.270	3,073,492.531	14	27° 46' 32.4194"	100° 48' 29.3701"		
13	323,999.747	3,071,557.751	14	27° 45' 30.5989"	100° 47' 09.1142"			34	321,530.309	3,073,497.306	14	27° 46' 32.431"	100° 48' 40.3273"		
14	323,799.772	3,071,560.935	14	27° 45' 30.608"	100° 47' 16.4179"			35	321,533.492	3,073,697.281	14	27° 46' 38.9286"	100° 48' 40.3186"		
15	323,802.956	3,071,760.909	14	27° 45' 37.1056"	100° 47' 16.4078"			36	321,233.530	3,073,702.056	14	27° 46' 38.94"	100° 48' 51.2759"		
16	323,602.981	3,071,764.093	14	27° 45' 37.1145"	100° 47' 23.7116"			37	321,238.306	3,074,002.018	14	27° 46' 48.6863"	100° 48' 51.2632"		
17	323,606.165	3,071,964.068	14	27° 45' 43.6122"	100° 47' 23.7016"			38	320,938.344	3,074,006.794	14	27° 46' 48.6975"	100° 49' 02.2208"		
18	323,406.190	3,071,967.251	14	27° 45' 43.621"	100° 47' 31.0055"			39	320,943.119	3,074,306.756	14	27° 46' 58.4438"	100° 49' 02.2084"		
19	323,409.374	3,072,167.226	14	27° 45' 50.1186"	100° 47' 30.9957"			40	320,509.658	3,074,313.657	14	27° 46' 58.4595"	100° 49' 18.043"		
20	323,209.399	3,072,170.410	14	27° 45' 50.1273"	100° 47' 38.2997"			41	320,519.178	3,074,911.619	14	27° 47' 17.8883"	100° 49' 18.0191"		
21	323,212.583	3,072,370.384	14	27° 45' 56.6249"	100° 47' 38.29"			42	320,019.211	3,074,919.578	14	27° 47' 17.9057"	100° 49' 36.2841"		

VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	E	N	ZONA	LATITUD	LONGITUD		E	N	ZONA	LATITUD	LONGITUD
43	320,035.130	3,075,919.513	14	27° 47' 50.3953"	100° 49' 36.2458"	47	317,130.841	3,081,966.881	14	27° 51' 05.4189"	100° 51' 25.6718"
44	319,035.195	3,075,935.433	14	27° 47' 50.4279"	100° 50' 12.7787"	48	314,131.036	3,082,014.639	14	27° 51' 05.4821"	100° 53' 15.323"
45	319,067.034	3,077,935.303	14	27° 48' 55.4066"	100° 50' 12.7085"	49	314,178.794	3,085,014.443	14	27° 52' 42.9471"	100° 53' 15.2664"
46	317,067.164	3,077,967.141	14	27° 48' 55.4633"	100° 51' 25.7859"	50	311,178.989	3,085,062.201	14	27° 52' 42.9846"	100° 55' 04.9434"

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 134, a fojas 67, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 4.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 135.- NOMBRE DEL LOTE.- HIDALGO FRACCION 4.- AGENCIA.- PACHUCA, HIDALGO.

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 135
 TITULAR: SERVICIO GEOLOGICO MEXICANO
 NOMBRE DEL LOTE: HIDALGO FRACCION 4
 SUPERFICIE: 27,108.8726 Has.
 MUNICIPIO Y ESTADO: SABINAS, COAHUILA
 SAN JUAN DE SABINAS, COAHUILA
 VILLA UNION, COAHUILA

LOCALIZACION DEL LOTE MINERO

PUNTO DE PARTIDA

La mojenera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	Al	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	Al	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	Al	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.:

2,224,808.059 mN

532,122.262 mE

PERIMETRO

LINEA AUXILIAR:

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		
	ESTE	NORTE	ZONA	LATITUD	LONGITUD		ESTE	NORTE	ZONA	LATITUD	LONGITUD	
PP	532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A	1	274,376.933	3,108,101.254	14	28° 04' 50.6039"	101° 17' 45.7766"
COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD	
1	274,376.933	3,108,101.254	14	28° 04' 50.6039"	101° 17' 45.7766"	53	299,437.985	3,083,979.037	14	27° 52' 01.6466"	101° 02' 13.4238"	
2	275,570.826	3,108,075.721	14	28° 04' 50.5045"	101° 17' 02.0489"	54	298,938.009	3,083,987.258	14	27° 52' 01.6433"	101° 02' 31.7007"	
3	275,504.175	3,104,336.741	14	28° 02' 49.0468"	101° 17' 01.9207"	55	298,936.365	3,083,887.263	14	27° 51' 58.3946"	101° 02' 31.6999"	
4	279,404.352	3,104,267.217	14	28° 02' 49.1435"	101° 14' 39.1242"	56	298,536.384	3,083,893.840	14	27° 51' 58.3915"	101° 02' 46.3212"	
5	279,313.436	3,099,166.985	14	28° 00' 03.4622"	101° 14' 39.0147"	57	298,534.740	3,083,793.845	14	27° 51' 55.1429"	101° 02' 46.3203"	
6	284,113.654	3,099,081.417	14	28° 00' 03.5202"	101° 11' 43.3359"	58	298,334.750	3,083,797.133	14	27° 51' 55.1411"	101° 02' 53.6309"	
7	284,024.520	3,094,081.190	14	27° 57' 21.0823"	101° 11' 43.3069"	59	298,333.106	3,083,697.138	14	27° 51' 51.8925"	101° 02' 53.6298"	
8	284,119.719	3,094,079.493	14	27° 57' 21.0827"	101° 11' 39.8242"	60	298,133.115	3,083,700.427	14	27° 51' 51.8907"	101° 03' 00.9404"	
9	284,121.065	3,094,154.984	14	27° 57' 23.5351"	101° 11' 39.8245"	61	298,126.539	3,083,300.446	14	27° 51' 38.896"	101° 03' 00.9362"	
10	284,087.823	3,094,155.577	14	27° 57' 23.535"	101° 11' 41.0406"	62	298,326.529	3,083,297.158	14	27° 51' 38.8978"	101° 02' 53.6259"	
11	284,088.072	3,094,169.577	14	27° 57' 23.9898"	101° 11' 41.0407"	63	298,324.884	3,083,197.163	14	27° 51' 35.6491"	101° 02' 53.6249"	
12	284,121.315	3,094,168.984	14	27° 57' 23.9899"	101° 11' 39.8246"	64	298,524.875	3,083,193.874	14	27° 51' 35.6508"	101° 02' 46.3147"	
13	284,124.694	3,094,358.557	14	27° 57' 30.1485"	101° 11' 39.8255"	65	298,521.586	3,082,993.884	14	27° 51' 29.1535"	101° 02' 46.3128"	
14	284,391.464	3,094,353.801	14	27° 57' 30.1495"	101° 11' 30.066"	66	298,721.576	3,082,990.595	14	27° 51' 29.155"	101° 02' 39.0027"	
15	284,386.116	3,094,053.788	14	27° 57' 20.4032"	101° 11' 30.0647"	67	298,718.288	3,082,790.605	14	27° 51' 22.6577"	101° 02' 39.001"	
16	284,486.121	3,094,052.005	14	27° 57' 20.4036"	101° 11' 26.4062"	68	298,918.278	3,082,787.317	14	27° 51' 22.6592"	101° 02' 31.691"	
17	284,484.338	3,093,952.000	14	27° 57' 17.1548"	101° 11' 26.4058"	69	298,916.634	3,082,687.322	14	27° 51' 19.4105"	101° 02' 31.6902"	
18	284,584.342	3,093,950.218	14	27° 57' 17.1552"	101° 11' 22.7474"	70	299,116.624	3,082,684.033	14	27° 51' 19.4118"	101° 02' 24.3803"	
19	284,625.344	3,096,250.322	14	27° 58' 31.8769"	101° 11' 22.7561"	71	299,113.336	3,082,484.043	14	27° 51' 12.9145"	101° 02' 24.3788"	
20	284,725.348	3,096,248.539	14	27° 58' 31.8773"	101° 11' 19.0969"	72	299,313.326	3,082,480.754	14	27° 51' 12.9157"	101° 02' 17.069"	
21	284,727.131	3,096,348.544	14	27° 58' 35.1261"	101° 11' 19.0973"	73	299,310.038	3,082,280.764	14	27° 51' 06.4183"	101° 02' 17.0676"	
22	284,827.136	3,096,346.761	14	27° 58' 35.1264"	101° 11' 15.4381"	74	299,510.028	3,082,277.476	14	27° 51' 06.4195"	101° 02' 09.7579"	
23	284,864.572	3,098,446.857	14	27° 59' 43.3505"	101° 11' 15.4457"	75	299,508.384	3,082,177.481	14	27° 51' 03.1708"	101° 02' 09.7573"	
24	291,264.862	3,098,332.765	14	27° 59' 43.3169"	101° 07' 21.2114"	76	299,708.374	3,082,174.192	14	27° 51' 03.1718"	101° 02' 02.4476"	
25	291,247.036	3,097,332.720	14	27° 59' 10.8281"	101° 07' 21.2272"	77	299,706.730	3,082,074.197	14	27° 50' 59.9231"	101° 02' 02.4471"	
26	293,247.126	3,097,297.066	14	27° 59' 10.7945"	101° 06' 08.0335"	78	299,906.720	3,082,070.909	14	27° 50' 59.924"	101° 01' 55.1375"	
27	293,229.300	3,096,297.021	14	27° 58' 38.3054"	101° 06' 08.0556"	79	299,903.431	3,081,870.918	14	27° 50' 53.4266"	101° 01' 55.1366"	
28	296,229.436	3,096,243.541	14	27° 58' 38.2343"	101° 04' 18.2728"	80	300,103.421	3,081,867.630	14	27° 50' 53.4274"	101° 01' 47.8271"	
29	296,193.782	3,094,243.450	14	27° 57' 33.2549"	101° 04' 18.3358"	81	300,101.777	3,081,767.635	14	27° 50' 50.1787"	101° 01' 47.8266"	
30	297,193.828	3,094,225.623	14	27° 57' 33.2254"	101° 03' 41.7472"	82	300,301.767	3,081,764.346	14	27° 50' 50.1794"	101° 01' 40.5172"	
31	297,158.174	3,092,225.533	14	27° 56' 28.2457"	101° 03' 41.817"	83	300,298.479	3,081,564.356	14	27° 50' 43.6819"	101° 01' 40.5165"	
32	297,253.224	3,092,223.838	14	27° 56' 28.2427"	101° 03' 38.34"	84	300,498.469	3,081,561.068	14	27° 50' 43.6825"	101° 01' 33.2072"	
33	297,241.277	3,091,512.550	14	27° 56' 05.1344"	101° 03' 38.3384"	85	300,495.181	3,081,361.077	14	27° 50' 37.1851"	101° 01' 33.2066"	
34	298,645.589	3,091,488.963	14	27° 56' 05.1344"	101° 02' 46.9712"	86	300,695.171	3,081,357.789	14	27° 50' 37.1856"	101° 01' 25.8974"	
35	298,635.067	3,090,898.733	14	27° 55' 45.9586"	101° 02' 46.9947"	87	300,693.527	3,081,257.794	14	27° 50' 33.9368"	101° 01' 25.8971"	
36	300,135.136	3,090,871.993	14	27° 55' 45.9025"	101° 01' 52.1263"	88	300,893.517	3,081,254.505	14	27° 50' 33.9372"	101° 01' 18.588"	
37	300,108.395	3,089,371.925	14	27° 54' 57.1667"	101° 01' 52.1931"	89	300,891.873	3,081,154.510	14	27° 50' 30.6885"	101° 01' 18.5878"	
38	303,108.532	3,089,318.445	14	27° 54' 57.0355"	101° 00' 02.4687"	90	301,091.863	3,081,151.222	14	27° 50' 30.6887"	101° 01' 11.2787"	
39	303,098.209	3,088,739.367	14	27° 54' 38.2215"	101° 00' 02.4999"	91	301,088.575	3,080,951.232	14	27° 50' 24.1913"	101° 01' 11.2785"	
40	304,735.842	3,088,710.174	14	27° 54' 38.1395"	100° 59' 02.6088"	92	301,288.565	3,080,947.943	14	27° 50' 24.1914"	101° 01' 03.9695"	
41	304,695.331	3,086,165.612	14	27° 53' 15.4696"	100° 59' 02.5819"	93	301,285.276	3,080,747.953	14	27° 50' 17.6939"	101° 01' 03.9694"	
42	300,695.592	3,086,229.289	14	27° 53' 15.4112"	101° 01' 28.8231"	94	301,485.267	3,080,744.664	14	27° 50' 17.6939"	101° 00' 56.6605"	
43	300,667.407	3,084,458.932	14	27° 52' 17.8954"	101° 01' 28.7836"	95	301,483.622	3,080,644.669	14	27° 50' 14.4452"	101° 00' 56.6606"	
44	300,646.147	3,084,459.282	14	27° 52' 17.8953"	101° 01' 29.5608"	96	301,583.617	3,080,643.025	14	27° 50' 14.4451"	101° 00' 53.0062"	
45	300,644.503	3,084,359.287	14	27° 52' 14.6466"	101° 01' 29.5605"	97	301,580.329	3,080,443.035	14	27° 50' 07.9477"	101° 00' 53.0063"	
46	300,344.518	3,084,364.219	14	27° 52' 14.6456"	101° 01' 40.527"	98	301,880.314	3,080,438.102	14	27° 50' 07.9474"	101° 00' 42.0432"	
47	300,342.873	3,084,264.224	14	27° 52' 11.3969"	101° 01' 40.5266"	99	301,877.026	3,080,238.112	14	27° 50' 01.4499"	101° 00' 42.0435"	
48	300,042.888	3,084,269.157	14	27° 52' 11.3958"	101° 01' 51.493"	100	302,200.427	3,080,232.794	14	27° 50' 01.4493"	101° 00' 30.2249"	
49	300,041.244	3,084,169.162	14	27° 52' 08.1471"	101° 01' 51.4925"	101	302,172.937	3,078,506.077	14	27° 49' 05.3504"	101° 00' 30.1966"	
50	299,741.258	3,084,174.094	14	27° 52' 08.1456"	101° 02' 02.4589"	102	301,707.646	3,078,513.485	14	27° 49' 05.3434"	101° 00' 47.198"	
51	299,739.614	3,084,074.099	14	27° 52' 04.8969"	101° 02' 02.4583"	103	301,683.769	3,077,013.675	14	27° 48' 16.6164"	101° 00' 47.1717"	
52	299,439.629	3,084,079.032	14	27° 52' 04.8953"	101° 02' 13.4245"	104	301,883.743	3,077,010.491	14	27° 48' 16.6194"	101° 00' 39.8657"	

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
105	301,872.600	3,076,310.580	14	27° 47' 53.8801"	101° 00' 39.854"	163	303,163.849	3,071,064.240	14	27° 45' 04.1594"	100° 59' 49.5798"
106	302,072.575	3,076,307.396	14	27° 47' 53.883"	101° 00' 32.5484"	164	303,100.701	3,071,065.267	14	27° 45' 04.1594"	100° 59' 51.8858"
107	302,063.024	3,075,707.472	14	27° 47' 34.3921"	101° 00' 32.5388"	165	303,101.339	3,071,104.457	14	27° 45' 05.4327"	100° 59' 51.8857"
108	302,362.986	3,075,702.697	14	27° 47' 34.3962"	101° 00' 21.581"	166	302,763.178	3,071,109.963	14	27° 45' 05.433"	101° 00' 04.2345"
109	302,359.802	3,075,502.722	14	27° 47' 27.8992"	101° 00' 21.578"	167	302,767.056	3,071,351.638	14	27° 45' 13.2848"	101° 00' 04.2364"
110	302,559.777	3,075,499.539	14	27° 47' 27.9019"	101° 00' 14.2728"	168	302,167.092	3,071,361.266	14	27° 45' 13.28"	101° 00' 26.1459"
111	302,556.593	3,075,299.564	14	27° 47' 21.4049"	101° 00' 14.27"	169	302,168.697	3,071,461.260	14	27° 45' 16.5287"	101° 00' 26.1468"
112	302,756.568	3,075,296.380	14	27° 47' 21.4074"	101° 00' 06.9649"	170	301,968.709	3,071,464.469	14	27° 45' 16.5269"	101° 00' 33.45"
113	302,751.793	3,074,996.418	14	27° 47' 11.6619"	101° 00' 06.9608"	171	301,970.313	3,071,564.463	14	27° 45' 19.7756"	101° 00' 33.4511"
114	302,951.767	3,074,993.235	14	27° 47' 11.6643"	100° 59' 59.656"	172	301,670.332	3,071,569.277	14	27° 45' 19.7726"	101° 00' 44.4059"
115	302,946.992	3,074,693.273	14	27° 47' 01.9188"	100° 59' 59.6521"	173	301,675.145	3,071,869.259	14	27° 45' 29.5188"	101° 00' 44.4094"
116	303,146.966	3,074,690.089	14	27° 47' 01.921"	100° 59' 52.3474"	174	301,575.217	3,071,870.862	14	27° 45' 29.5177"	101° 00' 48.0587"
117	303,139.007	3,074,190.152	14	27° 46' 45.6785"	100° 59' 52.3412"	175	301,577.357	3,072,004.195	14	27° 45' 33.8496"	101° 00' 48.0603"
118	303,338.982	3,074,186.969	14	27° 46' 45.6807"	100° 59' 45.0368"	176	298,877.519	3,072,047.521	14	27° 45' 33.8112"	101° 02' 26.6567"
119	303,335.798	3,073,986.994	14	27° 46' 39.1836"	100° 59' 45.0345"	177	298,883.938	3,072,447.496	14	27° 45' 46.8059"	101° 02' 26.6647"
120	303,535.773	3,073,983.810	14	27° 46' 39.1856"	100° 59' 37.7302"	178	298,383.968	3,072,455.520	14	27° 45' 46.7966"	101° 02' 44.9238"
121	303,532.589	3,073,783.836	14	27° 46' 32.6886"	100° 59' 37.728"	179	298,392.042	3,072,957.436	14	27° 46' 03.1032"	101° 02' 44.9339"
122	303,732.564	3,073,780.652	14	27° 46' 32.6905"	100° 59' 30.4238"	180	298,393.681	3,072,957.409	14	27° 46' 03.1032"	101° 02' 44.8741"
123	303,729.380	3,073,580.677	14	27° 46' 26.1935"	100° 59' 30.4218"	181	298,396.411	3,073,123.017	14	27° 46' 08.4836"	101° 02' 44.875"
124	303,929.355	3,073,577.494	14	27° 46' 26.1953"	100° 59' 23.1177"	182	298,696.297	3,073,118.138	14	27° 46' 08.4871"	101° 02' 33.9225"
125	303,926.171	3,073,377.519	14	27° 46' 19.6983"	100° 59' 23.1158"	183	298,693.605	3,072,952.698	14	27° 46' 03.1122"	101° 02' 33.9204"
126	304,126.146	3,073,374.335	14	27° 46' 19.6999"	100° 59' 15.8118"	184	298,993.504	3,072,947.818	14	27° 46' 03.1154"	101° 02' 22.9675"
127	304,122.962	3,073,174.361	14	27° 46' 13.2029"	100° 59' 15.81"	185	298,989.773	3,072,713.278	14	27° 45' 55.4955"	101° 02' 22.9616"
128	304,322.937	3,073,171.177	14	27° 46' 13.2045"	100° 59' 08.5062"	186	300,989.669	3,072,680.739	14	27° 45' 55.511"	101° 01' 09.9224"
129	304,319.753	3,072,971.202	14	27° 46' 06.7074"	100° 59' 08.5045"	187	300,988.042	3,072,580.744	14	27° 45' 52.2623"	101° 01' 09.9219"
130	304,485.230	3,072,968.568	14	27° 46' 06.7086"	100° 59' 02.4608"	188	301,088.037	3,072,579.117	14	27° 45' 52.2628"	101° 01' 06.2699"
131	304,480.421	3,072,666.490	14	27° 45' 56.8943"	100° 59' 02.4584"	189	301,086.972	3,072,513.672	14	27° 45' 50.1365"	101° 01' 06.2696"
132	304,714.893	3,072,662.757	14	27° 45' 56.8959"	100° 58' 53.8949"	190	301,286.877	3,072,510.419	14	27° 45' 50.1374"	101° 00' 58.9688"
133	304,711.743	3,072,464.898	14	27° 45' 50.4675"	100° 58' 53.8935"	191	301,285.250	3,072,410.425	14	27° 45' 46.8887"	101° 00' 58.9683"
134	305,011.705	3,072,460.123	14	27° 45' 50.4694"	100° 58' 42.9384"	192	301,585.234	3,072,405.534	14	27° 45' 46.8895"	101° 00' 48.0126"
135	305,007.650	3,072,205.425	14	27° 45' 42.1943"	100° 58' 42.9368"	193	301,583.046	3,072,270.990	14	27° 45' 42.5183"	101° 00' 48.0121"
136	305,505.227	3,072,197.504	14	27° 45' 42.1968"	100° 58' 24.7648"	194	302,783.067	3,072,251.474	14	27° 45' 42.5207"	101° 00' 04.1865"
137	305,503.683	3,071,952.227	14	27° 45' 34.2291"	100° 58' 24.6774"	195	302,781.717	3,072,168.487	14	27° 45' 39.8245"	101° 00' 04.1865"
138	306,003.619	3,071,944.268	14	27° 45' 34.2308"	100° 58' 06.4196"	196	303,913.596	3,072,150.079	14	27° 45' 39.8232"	100° 59' 22.8496"
139	306,002.028	3,071,844.281	14	27° 45' 30.9823"	100° 58' 06.4192"	197	303,915.222	3,072,250.074	14	27° 45' 43.072"	100° 59' 22.8493"
140	306,202.002	3,071,841.097	14	27° 45' 30.9828"	100° 57' 59.1162"	198	303,715.233	3,072,253.326	14	27° 45' 43.0725"	100° 59' 30.1531"
141	306,198.819	3,071,641.122	14	27° 45' 24.4856"	100° 57' 59.1156"	199	303,716.859	3,072,353.321	14	27° 45' 46.3212"	100° 59' 30.1528"
142	306,464.406	3,071,636.894	14	27° 45' 24.4862"	100° 57' 49.4165"	200	302,416.928	3,072,374.462	14	27° 45' 46.3217"	101° 00' 17.6279"
143	306,464.372	3,071,634.717	14	27° 45' 24.4154"	100° 57' 49.4165"	201	302,420.181	3,072,574.452	14	27° 45' 52.8192"	101° 00' 17.6282"
144	306,698.721	3,071,630.986	14	27° 45' 24.4157"	100° 57' 40.8582"	202	301,620.224	3,072,587.462	14	27° 45' 52.8172"	101° 00' 46.8439"
145	306,695.572	3,071,433.189	14	27° 45' 17.9893"	100° 57' 40.858"	203	301,621.845	3,072,687.190	14	27° 45' 56.0573"	101° 00' 46.8443"
146	307,195.508	3,071,425.229	14	27° 45' 17.9894"	100° 57' 22.6008"	204	302,621.468	3,072,671.149	14	27° 45' 56.0666"	101° 00' 10.3363"
147	307,192.325	3,071,225.255	14	27° 45' 11.4923"	100° 57' 22.6009"	205	302,629.491	3,073,171.119	14	27° 46' 12.3102"	101° 00' 10.3408"
148	307,692.261	3,071,217.296	14	27° 45' 11.4917"	100° 57' 04.344"	206	303,129.461	3,073,163.096	14	27° 46' 12.3139"	100° 59' 52.0802"
149	307,689.078	3,071,017.321	14	27° 45' 04.9945"	100° 57' 04.3443"	207	303,137.484	3,073,663.065	14	27° 46' 28.5575"	100° 59' 52.0839"
150	308,189.014	3,071,009.362	14	27° 45' 04.9933"	100° 56' 46.0877"	208	302,137.545	3,073,679.112	14	27° 46' 28.5494"	101° 00' 28.6066"
151	308,185.831	3,070,809.387	14	27° 44' 58.4961"	100° 56' 46.0884"	209	302,129.522	3,073,179.142	14	27° 46' 12.3059"	101° 00' 28.6013"
152	308,451.542	3,070,805.157	14	27° 44' 58.4951"	100° 56' 36.3853"	210	301,629.552	3,073,187.165	14	27° 46' 12.3008"	101° 00' 46.8618"
153	308,434.031	3,069,705.296	14	27° 44' 22.7604"	100° 56' 36.3903"	211	301,621.533	3,072,687.461	14	27° 45' 56.0659"	101° 00' 46.8559"
154	308,368.295	3,069,706.343	14	27° 44' 22.7607"	100° 56' 38.7906"	212	301,489.920	3,072,689.602	14	27° 45' 56.0654"	101° 00' 51.6626"
155	308,359.255	3,069,138.502	14	27° 44' 04.3115"	100° 56' 38.7931"	213	301,496.151	3,073,072.584	14	27° 46' 08.5082"	101° 00' 51.6642"
156	307,188.838	3,069,159.366	14	27° 44' 04.3868"	100° 57' 21.5291"	214	299,196.271	3,073,110.003	14	27° 46' 08.4924"	101° 02' 15.6622"
157	307,167.446	3,067,959.311	14	27° 43' 25.3958"	100° 57' 21.6138"	215	299,199.525	3,073,309.993	14	27° 46' 14.9898"	101° 02' 15.6644"
158	305,414.978	3,067,990.550	14	27° 43' 25.502"	100° 58' 25.5958"	216	298,899.540	3,073,314.874	14	27° 46' 14.9867"	101° 02' 26.6208"
159	305,481.055	3,072,108.145	14	27° 45' 39.2817"	100° 58' 25.595"	217	298,902.794	3,073,514.863	14	27° 46' 21.4841"	101° 02' 26.6232"
160	303,381.181	3,072,141.842	14	27° 45' 39.2754"	100° 59' 42.2837"	218	298,602.257	3,073,519.753	14	27° 46' 21.4807"	101° 02' 37.5999"
161	303,376.367	3,071,841.860	14	27° 45' 29.5292"	100° 59' 42.2818"	219	298,606.005	3,073,753.338	14	27° 46' 29.0696"	101° 02' 37.6049"
162	303,176.379	3,071,845.070	14	27° 45' 29.528"	100° 59' 49.5852"	220	298,306.119	3,073,758.151	14	27° 46' 29.0638"	101° 02' 48.558"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
221	298,308.774	3,073,923.582	14	27° 46' 34.4384"	101° 02' 48.5617"	279	289,162.063	3,085,336.629	14	27° 52' 40.0469"	101° 08' 29.8151"
222	297,708.810	3,073,933.210	14	27° 46' 34.4261"	101° 03' 10.4751"	280	288,962.064	3,085,340.139	14	27° 52' 40.0472"	101° 08' 37.1266"
223	297,715.228	3,074,333.186	14	27° 46' 47.4206"	101° 03' 10.4847"	281	288,967.291	3,085,640.136	14	27° 52' 49.7933"	101° 08' 37.1275"
224	297,616.177	3,074,334.776	14	27° 46' 47.4185"	101° 03' 14.1026"	282	289,367.290	3,085,633.132	14	27° 52' 49.793"	101° 08' 22.504"
225	297,618.420	3,074,470.509	14	27° 46' 51.8283"	101° 03' 14.1036"	283	289,374.294	3,086,033.130	14	27° 53' 02.7878"	101° 08' 22.5034"
226	297,518.424	3,074,472.158	14	27° 46' 51.8275"	101° 03' 17.7561"	284	288,974.296	3,086,040.135	14	27° 53' 02.7881"	101° 08' 37.1274"
227	297,529.316	3,075,132.785	14	27° 47' 13.2904"	101° 03' 17.7618"	285	289,658.762	3,086,197.967	14	27° 53' 08.3026"	101° 08' 12.2116"
228	297,849.227	3,075,127.276	14	27° 47' 13.2851"	101° 03' 06.0758"	286	289,743.261	3,085,828.420	14	27° 52' 56.3486"	101° 08' 08.8876"
229	297,883.666	3,077,127.250	14	27° 48' 18.2621"	101° 03' 06.0383"	287	289,772.766	3,085,827.903	14	27° 52' 56.3485"	101° 08' 07.8089"
230	297,683.669	3,077,130.694	14	27° 48' 18.2654"	101° 03' 13.3452"	288	289,770.676	3,085,708.523	14	27° 52' 52.4702"	101° 08' 07.8092"
231	297,692.279	3,077,630.687	14	27° 48' 34.5096"	101° 03' 13.3362"	289	289,789.189	3,085,627.555	14	27° 52' 49.851"	101° 08' 07.081"
232	297,192.285	3,077,639.297	14	27° 48' 34.5172"	101° 03' 31.6041"	290	289,869.264	3,085,626.153	14	27° 52' 49.8508"	101° 08' 04.1536"
233	297,195.729	3,077,839.294	14	27° 48' 41.0149"	101° 03' 31.6009"	291	289,864.010	3,085,326.154	14	27° 52' 40.1046"	101° 08' 04.1545"
234	295,695.749	3,077,865.124	14	27° 48' 41.0337"	101° 04' 26.4053"	292	289,964.010	3,085,324.403	14	27° 52' 40.1043"	101° 08' 00.4987"
235	295,704.359	3,078,365.117	14	27° 48' 57.2777"	101° 04' 26.3994"	293	289,958.757	3,085,024.404	14	27° 52' 30.3582"	101° 08' 00.4997"
236	295,204.365	3,078,373.727	14	27° 48' 57.2826"	101° 04' 44.6683"	294	290,050.110	3,085,022.804	14	27° 52' 30.3579"	101° 07' 57.1601"
237	295,226.751	3,079,673.710	14	27° 49' 39.517"	101° 04' 44.6551"	295	290,039.687	3,084,415.099	14	27° 52' 10.6152"	101° 07' 57.1544"
238	293,526.773	3,079,702.983	14	27° 49' 39.5281"	101° 05' 46.7754"	296	290,139.686	3,084,413.384	14	27° 52' 10.616"	101° 07' 53.4989"
239	293,523.960	3,079,539.628	14	27° 49' 34.2211"	101° 05' 46.7762"	297	290,150.107	3,085,021.053	14	27° 52' 30.3575"	101° 07' 53.5045"
240	293,429.110	3,079,541.278	14	27° 49' 34.222"	101° 05' 50.2422"	298	290,323.530	3,085,018.016	14	27° 52' 30.3569"	101° 07' 47.1646"
241	293,431.575	3,079,694.905	14	27° 49' 39.2129"	101° 05' 50.2481"	299	290,322.794	3,084,975.125	14	27° 52' 28.9634"	101° 07' 47.1643"
242	292,633.789	3,079,707.707	14	27° 49' 39.1849"	101° 06' 19.3998"	300	290,187.874	3,084,977.439	14	27° 52' 28.9624"	101° 07' 52.0965"
243	292,636.354	3,079,855.156	14	27° 49' 43.9753"	101° 06' 19.3986"	301	290,181.561	3,084,609.250	14	27° 52' 17.0009"	101° 07' 52.0931"
244	292,436.355	3,079,858.635	14	27° 49' 43.9767"	101° 06' 26.7069"	302	293,181.503	3,084,557.812	14	27° 52' 17.0132"	101° 06' 02.4274"
245	292,441.573	3,080,158.633	14	27° 49' 53.723"	101° 06' 26.7046"	303	293,184.932	3,084,757.809	14	27° 52' 23.5106"	101° 06' 02.4274"
246	292,241.574	3,080,162.111	14	27° 49' 53.7244"	101° 06' 34.0131"	304	291,484.964	3,084,786.956	14	27° 52' 23.5066"	101° 07' 04.5726"
247	292,243.313	3,080,262.111	14	27° 49' 56.9731"	101° 06' 34.0124"	305	291,556.975	3,088,986.876	14	27° 54' 39.9511"	101° 07' 04.5964"
248	291,040.949	3,080,283.024	14	27° 49' 56.9789"	101° 07' 17.9505"	306	290,756.990	3,089,000.593	14	27° 54' 39.9459"	101° 07' 33.8512"
249	291,047.014	3,080,632.062	14	27° 50' 08.3183"	101° 07' 17.9495"	307	290,753.561	3,088,800.596	14	27° 54' 33.4486"	101° 07' 33.8495"
250	290,641.627	3,080,639.102	14	27° 50' 08.319"	101° 07' 32.7639"	308	289,653.582	3,088,819.456	14	27° 54' 33.4387"	101° 08' 14.074"
251	290,657.388	3,081,456.538	14	27° 50' 34.8764"	101° 07' 32.7058"	309	289,662.155	3,089,319.447	14	27° 54' 49.6819"	101° 08' 14.0799"
252	290,357.365	3,081,462.323	14	27° 50' 34.8953"	101° 07' 43.6709"	310	289,408.168	3,089,323.802	14	27° 54' 49.6791"	101° 08' 23.3681"
253	290,360.298	3,081,614.467	14	27° 50' 39.8382"	101° 07' 43.6602"	311	289,415.260	3,089,691.624	14	27° 55' 01.629"	101° 08' 23.3441"
254	290,697.124	3,081,608.556	14	27° 50' 39.836"	101° 07' 31.3503"	312	288,612.106	3,089,707.110	14	27° 55' 01.6748"	101° 08' 52.7172"
255	290,705.898	3,082,108.555	14	27° 50' 56.0798"	101° 07' 31.3464"	313	288,644.915	3,091,567.191	14	27° 56' 02.1033"	101° 08' 52.7122"
256	290,218.971	3,082,117.100	14	27° 50' 56.0829"	101° 07' 49.1428"	314	288,744.525	3,091,565.434	14	27° 56' 02.103"	101° 08' 49.0688"
257	290,225.358	3,082,481.050	14	27° 51' 07.9067"	101° 07' 49.1405"	315	288,753.344	3,092,065.435	14	27° 56' 18.3466"	101° 08' 49.0674"
258	289,725.359	3,082,489.824	14	27° 51' 07.9091"	101° 08' 07.4152"	316	288,953.344	3,092,061.907	14	27° 56' 18.346"	101° 08' 41.7518"
259	289,728.868	3,082,689.824	14	27° 51' 14.4066"	101° 08' 07.4143"	317	288,960.400	3,092,461.907	14	27° 56' 31.3408"	101° 08' 41.7504"
260	289,387.135	3,082,695.821	14	27° 51' 14.4079"	101° 08' 19.9047"	318	289,160.400	3,092,458.380	14	27° 56' 31.3402"	101° 08' 34.4345"
261	289,381.024	3,082,347.608	14	27° 51' 03.0954"	101° 08' 19.9059"	319	289,169.219	3,092,958.380	14	27° 56' 47.5838"	101° 08' 34.4327"
262	289,573.198	3,082,344.236	14	27° 51' 03.0947"	101° 08' 12.8822"	320	289,469.219	3,092,953.088	14	27° 56' 47.5826"	101° 08' 23.4583"
263	289,572.921	3,082,328.539	14	27° 51' 02.5847"	101° 08' 12.8823"	321	289,479.802	3,093,553.089	14	27° 57' 07.0749"	101° 08' 23.4556"
264	289,109.418	3,082,336.634	14	27° 51' 02.5849"	101° 08' 29.8228"	322	289,779.803	3,093,547.797	14	27° 57' 07.0735"	101° 08' 12.4806"
265	289,123.457	3,083,136.633	14	27° 51' 28.5748"	101° 08' 29.8205"	323	289,793.913	3,094,347.798	14	27° 57' 33.0632"	101° 08' 12.4764"
266	289,323.456	3,083,133.123	14	27° 51' 28.5743"	101° 08' 22.5103"	324	289,093.913	3,094,360.145	14	27° 57' 33.0659"	101° 08' 38.0861"
267	289,325.211	3,083,233.123	14	27° 51' 31.823"	101° 08' 22.51"	325	289,085.094	3,093,860.144	14	27° 57' 16.8224"	101° 08' 38.0877"
268	289,525.211	3,083,229.613	14	27° 51' 31.8224"	101° 08' 15.1997"	326	287,785.535	3,093,882.728	14	27° 57' 16.8129"	101° 09' 25.6301"
269	289,526.966	3,083,329.613	14	27° 51' 35.0711"	101° 08' 15.1993"	327	287,784.734	3,093,837.334	14	27° 57' 15.3382"	101° 09' 25.6301"
270	289,726.965	3,083,326.103	14	27° 51' 35.0704"	101° 08' 07.8889"	328	284,289.960	3,093,899.958	14	27° 57' 15.3514"	101° 11' 33.4803"
271	289,748.023	3,084,526.101	14	27° 52' 14.0553"	101° 08' 07.8837"	329	284,288.695	3,093,829.362	14	27° 57' 13.058"	101° 11' 33.4802"
272	289,648.024	3,084,527.856	14	27° 52' 14.0556"	101° 08' 11.5392"	330	284,201.145	3,093,830.930	14	27° 57' 13.0579"	101° 11' 36.683"
273	289,651.533	3,084,727.856	14	27° 52' 20.5531"	101° 08' 11.5385"	331	284,202.935	3,093,930.931	14	27° 57' 16.3066"	101° 11' 36.6833"
274	289,451.534	3,084,731.365	14	27° 52' 20.5537"	101° 08' 18.8496"	332	284,102.934	3,093,932.721	14	27° 57' 16.3064"	101° 11' 40.3416"
275	289,455.043	3,084,931.365	14	27° 52' 27.0512"	101° 08' 18.849"	333	284,104.724	3,094,032.722	14	27° 57' 19.555"	101° 11' 40.3418"
276	289,355.044	3,084,933.120	14	27° 52' 27.0515"	101° 08' 22.5046"	334	284,004.723	3,094,034.512	14	27° 57' 19.5548"	101° 11' 44.0002"
277	289,358.553	3,085,133.120	14	27° 52' 33.549"	101° 08' 22.5041"	335	284,001.295	3,093,843.058	14	27° 57' 13.3352"	101° 11' 43.9997"
278	289,158.554	3,085,136.629	14	27° 52' 33.5494"	101° 08' 29.8155"	336	283,806.523	3,093,846.548	14	27° 57' 13.3348"	101° 11' 51.125"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
337	283,808.315	3,093,946.549	14	27° 57' 16.5835"	101° 11' 51.1252"	368	276,080.620	3,097,420.101	14	27° 59' 04.7885"	101° 16' 36.0951"
338	283,608.313	3,093,950.133	14	27° 57' 16.583"	101° 11' 58.4419"	369	276,086.404	3,097,720.125	14	27° 59' 14.5349"	101° 16' 36.0883"
339	283,610.104	3,094,050.134	14	27° 57' 19.8316"	101° 11' 58.4422"	370	275,086.326	3,097,739.408	14	27° 59' 14.5539"	101° 17' 12.6844"
340	283,510.490	3,094,051.919	14	27° 57' 19.8313"	101° 12' 02.0864"	371	275,086.837	3,097,765.886	14	27° 59' 15.414"	101° 17' 12.6839"
341	282,638.273	3,094,541.393	14	27° 57' 35.216"	101° 12' 34.3083"	372	275,643.487	3,097,755.375	14	27° 59' 15.411"	101° 16' 52.3144"
342	281,766.056	3,095,030.867	14	27° 57' 50.5983"	101° 13' 06.5326"	373	275,644.930	3,097,832.079	14	27° 59' 17.9028"	101° 16' 52.314"
343	281,912.896	3,095,292.533	14	27° 57' 59.1826"	101° 13' 01.3358"	374	275,444.919	3,097,835.842	14	27° 59' 17.9035"	101° 16' 59.6331"
344	281,389.625	3,095,586.184	14	27° 58' 08.4101"	101° 13' 20.6697"	375	275,445.147	3,097,847.964	14	27° 59' 18.2973"	101° 16' 59.6331"
345	281,425.202	3,095,649.584	14	27° 58' 10.49"	101° 13' 19.4106"	376	276,459.999	3,097,828.396	14	27° 59' 18.2771"	101° 16' 22.4959"
346	281,682.669	3,095,644.600	14	27° 58' 10.4802"	101° 13' 09.9903"	377	276,469.641	3,098,328.436	14	27° 59' 34.5212"	101° 16' 22.4839"
347	281,681.763	3,095,594.810	14	27° 58' 08.8628"	101° 13' 09.9904"	378	276,969.680	3,098,318.794	14	27° 59' 34.5102"	101° 16' 04.1848"
348	282,581.784	3,095,578.430	14	27° 58' 08.861"	101° 12' 37.0607"	379	276,971.608	3,098,418.802	14	27° 59' 37.7591"	101° 16' 04.1823"
349	282,589.064	3,095,978.439	14	27° 58' 21.8557"	101° 12' 37.0592"	380	274,857.330	3,098,459.577	14	27° 59' 37.8009"	101° 17' 21.5554"
350	281,852.902	3,095,992.096	14	27° 58' 21.8657"	101° 13' 03.9948"	381	274,859.100	3,098,551.342	14	27° 59' 40.7819"	101° 17' 21.5536"
351	281,855.695	3,096,145.366	14	27° 58' 26.8448"	101° 13' 03.9945"	382	275,088.752	3,098,546.914	14	27° 59' 40.778"	101° 17' 13.1494"
352	281,691.963	3,096,148.350	14	27° 58' 26.8451"	101° 13' 09.9853"	383	275,108.541	3,099,573.234	14	28° 00' 14.1183"	101° 17' 13.1293"
353	281,694.023	3,096,244.671	14	27° 58' 29.9744"	101° 13' 09.974"	384	274,078.823	3,099,593.089	14	28° 00' 14.1346"	101° 17' 50.8156"
354	281,094.718	3,096,256.226	14	27° 58' 29.9953"	101° 13' 31.9027"	385	274,079.553	3,099,630.974	14	28° 00' 15.3653"	101° 17' 50.8151"
355	281,094.998	3,096,270.712	14	27° 58' 30.4659"	101° 13' 31.9021"	386	273,608.474	3,099,640.057	14	28° 00' 15.3718"	101° 18' 08.0559"
356	281,216.651	3,096,268.366	14	27° 58' 30.4617"	101° 13' 27.4508"	387	273,613.528	3,099,902.195	14	28° 00' 23.8873"	101° 18' 08.052"
357	281,220.932	3,096,490.404	14	27° 58' 37.675"	101° 13' 27.4422"	388	275,114.326	3,099,873.258	14	28° 00' 23.8646"	101° 17' 13.1235"
358	277,820.344	3,096,555.972	14	27° 58' 37.7764"	101° 15' 31.8718"	389	275,115.748	3,099,947.023	14	28° 00' 26.2609"	101° 17' 13.1221"
359	277,826.114	3,096,855.236	14	27° 58' 47.4983"	101° 15' 31.8633"	390	274,215.678	3,099,964.378	14	28° 00' 26.2753"	101° 17' 46.0645"
360	277,226.067	3,096,866.806	14	27° 58' 47.5129"	101° 15' 53.8197"	391	274,216.503	3,100,007.208	14	28° 00' 27.6666"	101° 17' 46.0638"
361	277,224.107	3,096,765.160	14	27° 58' 44.2108"	101° 15' 53.8224"	392	275,117.003	3,099,990.119	14	28° 00' 27.6612"	101° 17' 13.1058"
362	277,024.410	3,096,768.808	14	27° 58' 44.2089"	101° 16' 01.1293"	393	275,120.612	3,100,180.302	14	28° 00' 33.8393"	101° 17' 13.1042"
363	277,024.460	3,096,771.408	14	27° 58' 44.2934"	101° 16' 01.1292"	394	278,008.657	3,100,118.537	14	28° 00' 33.5812"	101° 15' 27.3951"
364	276,624.429	3,096,779.121	14	27° 58' 44.3024"	101° 16' 15.7667"	395	278,085.661	3,103,719.191	14	28° 02' 30.5555"	101° 15' 27.0178"
365	276,628.285	3,096,979.137	14	27° 58' 50.8"	101° 16' 15.7617"	396	274,284.956	3,103,800.474	14	28° 02' 30.8881"	101° 17' 46.174"
366	276,572.364	3,096,980.249	14	27° 58' 50.8023"	101° 16' 17.808"						
367	276,580.659	3,097,410.460	14	27° 59' 04.778"	101° 16' 17.7975"						

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 135, a fojas 68, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 5.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 136.- NOMBRE DEL LOTE.- HIDALGO FRACCION 5.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 136

TITULAR: SERVICIO GEOLOGICO MEXICANO

NOMBRE DEL LOTE: HIDALGO FRACCION 5
 SUPERFICIE: 5,783.2320 Has.
 MUNICIPIO Y ESTADO: SAN JUAN DE SABINAS, COAHUILA

LOCALIZACION DEL LOTE MINERO**PUNTO DE PARTIDA**

La mojenera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	Al	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	Al	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	Al	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.: **2,224,808.059 mN** **532,122.262 mE**

PERIMETRO**LINEA AUXILIAR:**

COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
ESTE	NORTE	ZONA	LATITUD	LONGITUD	ESTE	NORTE	ZONA	LATITUD	LONGITUD
PP 532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A 1 260,061.958	3,112,510.018	14	28° 07' 04.703"	101° 26' 33.0754"

COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS			
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1	260,061.958	3,112,510.018	14	28° 07' 04.703"	101° 26' 33.0754"	36	272,053.979	3,102,049.382	14	28° 01' 32.653"	101° 19' 06.6034"
2	267,963.425	3,112,341.035	14	28° 07' 04.2889"	101° 21' 43.5925"	37	272,053.240	3,102,011.059	14	28° 01' 31.4081"	101° 19' 06.6037"
3	267,856.475	3,107,340.127	14	28° 04' 21.8351"	101° 21' 43.9512"	38	272,253.256	3,102,007.202	14	28° 01' 31.4064"	101° 18' 59.2821"
4	273,157.459	3,107,226.759	14	28° 04' 21.4573"	101° 18' 29.8155"	39	272,242.836	3,101,466.793	14	28° 01' 13.8514"	101° 18' 59.2875"
5	273,107.441	3,104,887.951	14	28° 03' 05.4789"	101° 18' 30.023"	40	272,216.586	3,101,467.292	14	28° 01' 13.8514"	101° 19' 00.2484"
6	272,109.994	3,104,907.183	14	28° 03' 05.488"	101° 19' 06.5439"	41	272,214.684	3,101,367.286	14	28° 01' 10.6028"	101° 19' 00.2484"
7	272,102.280	3,104,507.152	14	28° 02' 52.4932"	101° 19' 06.5475"	42	272,541.924	3,101,361.060	14	28° 01' 10.6024"	101° 18' 48.2703"
8	271,802.257	3,104,512.937	14	28° 02' 52.4955"	101° 19' 17.5322"	43	272,528.237	3,100,639.497	14	28° 00' 47.1627"	101° 18' 48.2701"
9	271,788.759	3,103,812.882	14	28° 02' 29.7545"	101° 19' 17.5379"	44	272,827.045	3,100,633.826	14	28° 00' 47.1626"	101° 18' 37.3334"
10	273,088.861	3,103,787.814	14	28° 02' 29.7428"	101° 18' 29.9399"	45	272,824.379	3,100,495.515	14	28° 00' 42.6696"	101° 18' 37.3351"
11	273,076.274	3,103,430.568	14	28° 02' 18.1343"	101° 18' 30.1528"	46	273,124.402	3,100,489.730	14	28° 00' 42.6662"	101° 18' 26.3539"
12	272,181.351	3,103,447.551	14	28° 02' 18.134"	101° 19' 02.9156"	47	273,116.689	3,100,089.699	14	28° 00' 29.6712"	101° 18' 26.3592"
13	272,181.237	3,103,441.518	14	28° 02' 17.9381"	101° 19' 02.9156"	48	273,317.602	3,100,085.825	14	28° 00' 29.6688"	101° 18' 19.0058"
14	271,980.850	3,103,445.321	14	28° 02' 17.9377"	101° 19' 10.2517"	49	273,309.130	3,099,645.829	14	28° 00' 15.3756"	101° 18' 19.0114"
15	271,982.157	3,103,513.105	14	28° 02' 20.1396"	101° 19' 10.2511"	50	273,279.487	3,099,646.401	14	28° 00' 15.3759"	101° 18' 20.0963"
16	271,782.141	3,103,516.961	14	28° 02' 20.1412"	101° 19' 17.5737"	51	273,283.344	3,099,846.416	14	28° 00' 21.8734"	101° 18' 20.0936"
17	271,780.833	3,103,449.117	14	28° 02' 17.9373"	101° 19' 17.5742"	52	272,535.787	3,099,860.830	14	28° 00' 21.8818"	101° 18' 47.4534"
18	271,714.669	3,103,450.372	14	28° 02' 17.9371"	101° 19' 19.9964"	53	272,541.646	3,100,164.654	14	28° 00' 31.7515"	101° 18' 47.45"
19	271,724.158	3,103,950.402	14	28° 02' 34.1802"	101° 19' 19.998"	54	272,041.606	3,100,174.322	14	28° 00' 31.757"	101° 19' 05.7513"
20	271,224.129	3,103,959.890	14	28° 02' 34.1784"	101° 19' 38.3046"	55	272,051.273	3,100,674.359	14	28° 00' 48.0006"	101° 19' 05.7455"
21	271,233.618	3,104,459.920	14	28° 02' 50.4215"	101° 19' 38.307"	56	271,551.233	3,100,684.027	14	28° 00' 48.0055"	101° 19' 24.0476"
22	268,733.471	3,104,507.364	14	28° 02' 50.4022"	101° 21' 09.8428"	57	271,553.084	3,100,779.759	14	28° 00' 51.1153"	101° 19' 24.0466"
23	268,727.778	3,104,207.347	14	28° 02' 40.6565"	101° 21' 09.8391"	58	271,708.075	3,100,776.810	14	28° 00' 51.1154"	101° 19' 18.3738"
24	269,227.807	3,104,197.858	14	28° 02' 40.6617"	101° 20' 51.5325"	59	271,730.912	3,101,976.883	14	28° 01' 30.0991"	101° 19' 18.3745"
25	269,218.318	3,103,697.828	14	28° 02' 24.4188"	101° 20' 51.5271"	60	270,730.852	3,101,995.914	14	28° 01' 30.0971"	101° 19' 54.9817"
26	269,718.348	3,103,688.339	14	28° 02' 24.4232"	101° 20' 33.2212"	61	270,725.229	3,101,700.445	14	28° 01' 20.499"	101° 19' 54.9806"
27	269,710.757	3,103,288.316	14	28° 02' 11.4289"	101° 20' 33.2175"	62	270,570.488	3,101,703.437	14	28° 01' 20.5"	101° 20' 00.6447"
28	270,210.786	3,103,278.827	14	28° 02' 11.4327"	101° 20' 14.9121"	63	270,580.155	3,102,203.474	14	28° 01' 36.7434"	101° 20' 00.6413"
29	270,205.092	3,102,978.810	14	28° 02' 01.6869"	101° 20' 14.9098"	64	270,080.116	3,102,213.142	14	28° 01' 36.7461"	101° 20' 18.9455"
30	270,705.122	3,102,969.321	14	28° 02' 01.6899"	101° 19' 56.6049"	65	270,085.916	3,102,513.164	14	28° 01' 46.4921"	101° 20' 18.944"
31	270,699.428	3,102,669.303	14	28° 01' 51.9441"	101° 19' 56.6031"	66	269,585.876	3,102,522.832	14	28° 01' 46.494"	101° 20' 37.2486"
32	271,199.458	3,102,659.814	14	28° 01' 51.9464"	101° 19' 38.2986"	67	269,591.676	3,102,822.854	14	28° 01' 56.24"	101° 20' 37.2475"
33	271,191.867	3,102,259.791	14	28° 01' 38.952"	101° 19' 38.2968"	68	269,091.637	3,102,832.522	14	28° 01' 56.2413"	101° 20' 55.5526"
34	271,658.434	3,102,250.937	14	28° 01' 38.9535"	101° 19' 21.2177"	69	269,097.437	3,103,132.544	14	28° 02' 05.9872"	101° 20' 55.552"
35	271,654.753	3,102,056.958	14	28° 01' 32.6522"	101° 19' 21.2171"	70	268,597.397	3,103,142.211	14	28° 02' 05.9878"	101° 21' 13.8575"

VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	E	N	ZONA	LATITUD	LONGITUD		E	N	ZONA	LATITUD	LONGITUD
71	268,607.064	3,103,642.249	14	28° 02' 22.231"	101° 21' 13.8573"	78	262,960.747	3,106,552.668	14	28° 03' 53.1475"	101° 24' 42.5932"
72	268,107.025	3,103,651.916	14	28° 02' 22.2308"	101° 21' 32.1634"	79	262,943.181	3,105,644.054	14	28° 03' 23.6332"	101° 24' 42.5773"
73	268,116.692	3,104,151.954	14	28° 02' 38.474"	101° 21' 32.1641"	80	262,516.990	3,105,653.169	14	28° 03' 23.6548"	101° 24' 58.1825"
74	267,616.652	3,104,161.621	14	28° 02' 38.4731"	101° 21' 50.4709"	81	262,587.576	3,108,953.768	14	28° 05' 10.8714"	101° 24' 57.9976"
75	267,635.986	3,105,161.697	14	28° 03' 10.9592"	101° 21' 50.4739"	82	261,587.390	3,108,975.158	14	28° 05' 10.9194"	101° 25' 34.6299"
76	267,135.946	3,105,171.364	14	28° 03' 10.9576"	101° 22' 08.7822"	83	261,638.726	3,111,375.594	14	28° 06' 28.8944"	101° 25' 34.5042"
77	267,161.081	3,106,471.462	14	28° 03' 53.1894"	101° 22' 08.7883"	84	260,038.429	3,111,409.818	14	28° 06' 28.9649"	101° 26' 33.1272"

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 136, a fojas 68, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 6.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 137.- NOMBRE DEL LOTE.- HIDALGO FRACCION 6.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 137
 TITULAR: SERVICIO GEOLOGICO MEXICANO
 NOMBRE DEL LOTE: HIDALGO FRACCION 6
 SUPERFICIE: 28,212.4865 Has.
 MUNICIPIO Y ESTADO: MUZQUIZ, COAHUILA
 SAN JUAN DE SABINAS, COAHUILA

LOCALIZACION DEL LOTE MINERO

PUNTO DE PARTIDA

La mojonera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	Al	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	Al	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	Al	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.:

2,224,808.059 mN

532,122.262 mE

PERIMETRO

LINEA AUXILIAR:

COORDENADAS U.T.M.					COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.					COORDENADAS GEOGRAFICAS	
ESTE		NORTE		ZONA	LATITUD	LONGITUD	ESTE		NORTE		ZONA	LATITUD	LONGITUD
PP	532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A	1	237,062.475	3,117,905.022	14	28° 09' 44.1124"	101° 40' 39.5814"	

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1	237,062.475	3,117,905.022	14	28° 09' 44.1124"	101° 40' 39.5814"	49	260,694.131	3,089,006.631	14	27° 54' 21.9589"	101° 25' 52.7611"
2	249,664.817	3,117,635.504	14	28° 09' 44.1769"	101° 32' 57.7416"	50	261,034.147	3,089,000.075	14	27° 54' 21.9652"	101° 25' 40.3292"
3	249,512.949	3,110,534.216	14	28° 05' 53.5185"	101° 32' 57.8439"	51	261,031.582	3,088,867.038	14	27° 54' 17.6438"	101° 25' 40.3264"
4	251,213.265	3,110,497.852	14	28° 05' 53.4916"	101° 31' 55.5665"	52	260,731.559	3,088,872.823	14	27° 54' 17.6382"	101° 25' 51.296"
5	251,168.346	3,108,397.471	14	28° 04' 45.2676"	101° 31' 55.6099"	53	260,725.774	3,088,572.800	14	27° 54' 07.8925"	101° 25' 51.2896"
6	253,168.718	3,108,354.691	14	28° 04' 45.2251"	101° 30' 42.3544"	54	260,825.781	3,088,570.872	14	27° 54' 07.8944"	101° 25' 47.6332"
7	253,106.688	3,105,454.164	14	28° 03' 11.0096"	101° 30' 42.4337"	55	260,816.140	3,088,070.832	14	27° 53' 51.6516"	101° 25' 47.6227"
8	256,207.264	3,105,387.855	14	28° 03' 10.9204"	101° 28' 48.9135"	56	261,216.171	3,088,063.119	14	27° 53' 51.6588"	101° 25' 32.9975"
9	256,164.484	3,103,387.492	14	28° 02' 05.9428"	101° 28' 48.9883"	57	261,231.598	3,088,863.182	14	27° 54' 17.6474"	101° 25' 33.0134"
10	262,896.772	3,103,243.513	14	28° 02' 05.6568"	101° 24' 42.5359"	58	261,131.590	3,088,865.110	14	27° 54' 17.6456"	101° 25' 36.6699"
11	262,867.943	3,101,752.306	14	28° 01' 17.218"	101° 24' 42.5108"	59	261,134.155	3,088,998.147	14	27° 54' 21.967"	101° 25' 36.6726"
12	262,367.903	3,101,761.973	14	28° 01' 17.2103"	101° 25' 00.8134"	60	261,212.786	3,088,996.630	14	27° 54' 21.9685"	101° 25' 33.7976"
13	262,348.569	3,100,761.898	14	28° 00' 44.725"	101° 25' 00.7953"	61	261,221.137	3,088,934.144	14	27° 54' 19.9448"	101° 25' 33.4471"
14	261,848.529	3,100,771.565	14	28° 00' 44.7167"	101° 25' 19.0962"	62	261,753.305	3,089,133.770	14	27° 54' 26.7691"	101° 25' 14.1414"
15	261,829.195	3,099,771.490	14	28° 00' 12.2314"	101° 25' 19.0769"	63	261,744.348	3,088,669.252	14	27° 54' 11.6801"	101° 25' 14.1328"
16	261,329.155	3,099,781.157	14	28° 00' 12.2225"	101° 25' 37.3762"	64	262,444.403	3,088,655.754	14	27° 54' 11.6908"	101° 24' 48.5374"
17	261,309.821	3,098,781.081	14	27° 59' 39.7373"	101° 25' 37.3555"	65	262,440.546	3,088,455.739	14	27° 54' 05.1936"	101° 24' 48.5341"
18	261,773.954	3,098,772.108	14	27° 59' 39.7455"	101° 25' 20.3716"	66	262,740.570	3,088,449.954	14	27° 54' 05.1978"	101° 24' 37.5648"
19	261,764.496	3,098,281.557	14	27° 59' 23.8109"	101° 25' 20.3613"	67	262,732.547	3,088,033.879	14	27° 53' 51.6823"	101° 24' 37.5585"
20	261,264.454	3,098,291.198	14	27° 59' 23.8013"	101° 25' 38.6584"	68	262,815.213	3,088,032.285	14	27° 53' 51.6834"	101° 24' 34.5362"
21	261,262.658	3,098,198.009	14	27° 59' 20.7743"	101° 25' 38.6563"	69	262,811.313	3,087,830.003	14	27° 53' 45.1125"	101° 24' 34.5332"
22	260,700.874	3,098,208.841	14	27° 59' 20.7627"	101° 25' 59.2124"	70	264,483.914	3,087,797.753	14	27° 53' 45.1308"	101° 23' 33.3829"
23	260,685.657	3,097,419.634	14	27° 58' 55.1271"	101° 25' 59.1935"	71	264,478.102	3,087,503.162	14	27° 53' 35.5613"	101° 23' 33.3849"
24	260,756.428	3,097,418.270	14	27° 58' 55.1286"	101° 25' 56.604"	72	263,398.960	3,087,524.205	14	27° 53' 35.5581"	101° 24' 12.8375"
25	260,756.261	3,097,409.570	14	27° 58' 54.846"	101° 25' 56.6038"	73	263,387.183	3,086,920.237	14	27° 53' 15.9389"	101° 24' 12.8345"
26	260,595.146	3,097,412.776	14	27° 58' 54.8458"	101° 26' 02.4988"	74	262,795.479	3,086,931.911	14	27° 53' 15.9403"	101° 24' 34.4657"
27	260,585.194	3,096,912.722	14	27° 58' 38.6025"	101° 26' 02.4981"	75	262,799.425	3,087,131.932	14	27° 53' 22.4377"	101° 24' 34.4654"
28	260,385.173	3,096,916.702	14	27° 58' 38.6022"	101° 26' 09.8163"	76	262,499.394	3,087,137.851	14	27° 53' 22.438"	101° 24' 45.4339"
29	260,359.531	3,095,628.182	14	27° 57' 56.7471"	101° 26' 09.8137"	77	262,495.448	3,086,937.830	14	27° 53' 15.9406"	101° 24' 45.4341"
30	260,216.694	3,095,631.023	14	27° 57' 56.7468"	101° 26' 15.0392"	78	262,195.417	3,086,943.750	14	27° 53' 15.9407"	101° 24' 56.4024"
31	260,187.610	3,094,168.762	14	27° 57' 09.248"	101° 26' 15.0356"	79	262,191.471	3,086,743.729	14	27° 53' 09.4433"	101° 24' 56.4024"
32	260,030.420	3,094,171.845	14	27° 57' 09.2462"	101° 26' 20.7853"	80	262,691.523	3,086,733.863	14	27° 53' 09.443"	101° 24' 38.1221"
33	260,013.065	3,093,271.775	14	27° 56' 40.0095"	101° 26' 20.7629"	81	262,677.711	3,086,033.791	14	27° 52' 46.7019"	101° 24' 38.1232"
34	260,113.073	3,093,269.847	14	27° 56' 40.0117"	101° 26' 17.105"	82	262,877.731	3,086,029.845	14	27° 52' 46.7016"	101° 24' 30.8115"
35	260,066.794	3,090,869.659	14	27° 55' 22.0468"	101° 26' 17.0467"	83	262,877.807	3,086,033.654	14	27° 52' 46.8253"	101° 24' 30.8115"
36	260,166.802	3,090,867.730	14	27° 55' 22.0489"	101° 26' 13.3896"	84	263,069.679	3,086,029.912	14	27° 52' 46.8263"	101° 24' 23.7977"
37	260,161.017	3,090,567.707	14	27° 55' 12.3033"	101° 26' 13.3825"	85	263,065.712	3,085,826.458	14	27° 52' 40.2174"	101° 24' 23.7965"
38	260,261.025	3,090,565.779	14	27° 55' 12.3054"	101° 26' 09.7255"	86	263,017.167	3,085,827.394	14	27° 52' 40.2168"	101° 24' 25.571"
39	260,257.168	3,090,365.763	14	27° 55' 05.8083"	101° 26' 09.7208"	87	263,020.355	3,085,992.709	14	27° 52' 45.5868"	101° 24' 25.5733"
40	260,357.176	3,090,363.835	14	27° 55' 05.8104"	101° 26' 06.0639"	88	261,720.253	3,086,017.777	14	27° 52' 45.5687"	101° 25' 13.0974"
41	260,349.463	3,089,963.803	14	27° 54' 52.8162"	101° 26' 06.0547"	89	261,713.204	3,085,652.184	14	27° 52' 33.693"	101° 25' 13.0909"
42	260,449.470	3,089,961.875	14	27° 54' 52.8182"	101° 26' 02.3978"	90	261,069.783	3,085,664.925	14	27° 52' 33.6932"	101° 25' 36.61"
43	260,443.685	3,089,661.851	14	27° 54' 43.0725"	101° 26' 02.3911"	91	261,057.357	3,085,034.763	14	27° 52' 13.2233"	101° 25' 36.6078"
44	260,543.693	3,089,659.923	14	27° 54' 43.0745"	101° 25' 58.7343"	92	261,701.054	3,085,022.048	14	27° 52' 13.224"	101° 25' 13.0799"
45	260,535.980	3,089,259.892	14	27° 54' 30.0803"	101° 25' 58.7254"	93	261,699.883	3,084,961.325	14	27° 52' 11.2515"	101° 25' 13.0788"
46	260,635.988	3,089,257.964	14	27° 54' 30.0823"	101° 25' 55.0688"	94	259,933.242	3,084,995.745	14	27° 52' 11.2315"	101° 26' 17.6509"
47	260,628.275	3,088,857.932	14	27° 54' 17.088"	101° 25' 55.0601"	95	259,952.728	3,085,995.840	14	27° 52' 43.7178"	101° 26' 17.6664"
48	260,691.241	3,088,856.718	14	27° 54' 17.0892"	101° 25' 52.7579"	96	257,919.529	3,086,035.453	14	27° 52' 43.684"	101° 27' 31.9867"

VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	E	N	ZONA	LATITUD	LONGITUD		E	N	ZONA	LATITUD	LONGITUD
97	257,920.630	3,086,091.924	14	27° 52' 45.5183"	101° 27' 31.9878"	128	250,942.843	3,091,145.209	14	27° 55' 24.9744"	101° 31' 50.7596"
98	258,169.011	3,086,086.873	14	27° 52' 45.5162"	101° 27' 22.9085"	129	250,949.010	3,091,465.031	14	27° 55' 35.3626"	101° 31' 50.7762"
99	258,171.306	3,086,199.716	14	27° 52' 49.1817"	101° 27' 22.9074"	130	250,849.002	3,091,466.959	14	27° 55' 35.358"	101° 31' 54.4332"
100	257,871.266	3,086,205.818	14	27° 52' 49.1843"	101° 27' 33.8752"	131	250,850.930	3,091,566.967	14	27° 55' 38.6063"	101° 31' 54.4385"
101	257,875.334	3,086,405.845	14	27° 52' 55.6818"	101° 27' 33.8733"	132	250,650.915	3,091,570.824	14	27° 55' 38.597"	101° 32' 01.7526"
102	257,575.293	3,086,411.947	14	27° 52' 55.6841"	101° 27' 44.8413"	133	250,652.843	3,091,670.831	14	27° 55' 41.8453"	101° 32' 01.7579"
103	257,585.463	3,086,912.015	14	27° 53' 11.9279"	101° 27' 44.8372"	134	250,349.544	3,091,676.679	14	27° 55' 41.831"	101° 32' 12.8489"
104	257,285.423	3,086,918.117	14	27° 53' 11.93"	101° 27' 55.8055"	135	250,360.618	3,092,204.394	14	27° 55' 58.9723"	101° 32' 12.8444"
105	257,289.491	3,087,118.144	14	27° 53' 18.4275"	101° 27' 55.8041"	136	253,843.055	3,092,129.918	14	27° 55' 58.8845"	101° 30' 05.4865"
106	256,789.062	3,087,128.312	14	27° 53' 18.4301"	101° 28' 14.0982"	137	253,840.689	3,092,014.239	14	27° 55' 55.1269"	101° 30' 05.4864"
107	256,791.096	3,087,228.403	14	27° 53' 21.6813"	101° 28' 14.0976"	138	254,140.730	3,092,008.102	14	27° 55' 55.1269"	101° 29' 54.5136"
108	256,291.029	3,087,238.568	14	27° 53' 21.6834"	101° 28' 32.3786"	139	254,143.090	3,092,123.501	14	27° 55' 58.8754"	101° 29' 54.5136"
109	256,299.212	3,087,640.400	14	27° 53' 34.736"	101° 28' 32.3766"	140	257,223.020	3,092,057.633	14	27° 55' 58.768"	101° 28' 01.8735"
110	256,399.074	3,087,638.474	14	27° 53' 34.7391"	101° 28' 28.7259"	141	257,300.024	3,095,658.287	14	27° 57' 55.73"	101° 28' 01.7167"
111	256,406.787	3,088,038.505	14	27° 53' 47.733"	101° 28' 28.7396"	142	250,898.835	3,095,795.184	14	27° 57' 55.9201"	101° 31' 55.8906"
112	255,406.708	3,088,057.788	14	27° 53' 47.7012"	101° 29' 05.301"	143	250,950.170	3,098,195.620	14	27° 59' 13.8915"	101° 31' 55.8344"
113	255,416.350	3,088,557.828	14	27° 54' 03.9435"	101° 29' 05.3197"	144	249,549.910	3,098,225.566	14	27° 59' 13.9176"	101° 32' 47.069"
114	254,416.272	3,088,577.111	14	27° 54' 03.9088"	101° 29' 41.8824"	145	249,590.551	3,100,125.911	14	28° 00' 15.6443"	101° 32' 47.0336"
115	254,432.928	3,089,474.387	14	27° 54' 33.0536"	101° 29' 41.9424"	146	247,590.179	3,100,168.692	14	28° 00' 15.6717"	101° 34' 00.2367"
116	253,832.847	3,089,486.591	14	27° 54' 33.052"	101° 30' 03.8832"	147	247,688.572	3,104,769.526	14	28° 02' 45.1128"	101° 34' 00.1824"
117	253,843.017	3,089,986.659	14	27° 54' 49.2953"	101° 30' 03.8852"	148	246,588.367	3,104,793.056	14	28° 02' 45.1222"	101° 34' 40.4592"
118	252,842.882	3,090,006.999	14	27° 54' 49.2904"	101° 30' 40.4546"	149	246,611.307	3,105,865.761	14	28° 03' 19.9648"	101° 34' 40.4508"
119	252,853.052	3,090,507.066	14	27° 55' 05.5337"	101° 30' 40.4582"	150	246,111.214	3,105,876.456	14	28° 03' 19.9678"	101° 34' 58.76"
120	252,452.998	3,090,515.202	14	27° 55' 05.5309"	101° 30' 55.0865"	151	246,113.353	3,105,976.474	14	28° 03' 23.2165"	101° 34' 58.7594"
121	252,455.032	3,090,615.216	14	27° 55' 08.7795"	101° 30' 55.0874"	152	245,313.205	3,105,993.586	14	28° 03' 23.22"	101° 35' 28.0543"
122	252,255.005	3,090,619.284	14	27° 55' 08.778"	101° 31' 02.4016"	153	245,377.373	3,108,994.131	14	28° 05' 00.6796"	101° 35' 28.0443"
123	252,259.073	3,090,819.311	14	27° 55' 15.2753"	101° 31' 02.4034"	154	245,077.320	3,109,000.548	14	28° 05' 00.6803"	101° 35' 39.0325"
124	252,059.046	3,090,823.379	14	27° 55' 15.2736"	101° 31' 09.7177"	155	245,107.854	3,110,428.297	14	28° 05' 47.0542"	101° 35' 39.0298"
125	252,061.080	3,090,923.392	14	27° 55' 18.5222"	101° 31' 09.7187"	156	239,706.850	3,110,543.804	14	28° 05' 47.023"	101° 38' 56.839"
126	251,861.053	3,090,927.461	14	27° 55' 18.5205"	101° 31' 17.033"	157	239,803.104	3,115,044.621	14	28° 08' 13.2062"	101° 38' 56.9081"
127	251,865.121	3,091,127.488	14	27° 55' 25.0177"	101° 31' 17.0351"	158	237,002.583	3,115,104.513	14	28° 08' 13.1561"	101° 40' 39.5118"

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 137, a fojas 69, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 7.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 138.- NOMBRE DEL LOTE.- HIDALGO FRACCION 7.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 138

TITULAR: SERVICIO GEOLOGICO MEXICANO
 NOMBRE DEL LOTE: HIDALGO FRACCION 7
 SUPERFICIE: 1,459.9335 Has.
 MUNICIPIO Y ESTADO: SABINAS, COAHUILA
 SAN JUAN DE SABINAS, COAHUILA
LOCALIZACION DEL LOTE MINERO

PUNTO DE PARTIDA

La mojenera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	AI	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	AI	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	AI	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.: **2,224,808.059 mN** **532,122.262 mE**

PERIMETRO**LINEA AUXILIAR:**

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
	ESTE	NORTE	ZONA	LATITUD	LONGITUD		ESTE	NORTE	ZONA	LATITUD	LONGITUD
PP	532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A	1	280,962.757	3,093,652.273	14	27° 57' 05.3536" 101° 13' 34.9932"

COORDENADAS U.T.M.					COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.					COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD		
1	280,962.757	3,093,652.273	14	27° 57' 05.3536"	101° 13' 34.9932"	29	279,666.334	3,087,855.809	14	27° 53' 56.344"	101° 14' 18.522"		
2	282,170.701	3,092,974.065	14	27° 56' 44.0414"	101° 12' 50.3698"	30	279,673.624	3,088,255.820	14	27° 54' 09.3387"	101° 14' 18.5229"		
3	282,429.701	3,093,596.037	14	27° 57' 04.3925"	101° 12' 41.3104"	31	279,065.262	3,088,273.017	14	27° 54' 09.5353"	101° 14' 40.7716"		
4	282,425.192	3,093,361.965	14	27° 56' 56.7882"	101° 12' 41.3204"	32	279,088.036	3,089,520.281	14	27° 54' 50.0537"	101° 14' 40.7756"		
5	282,570.684	3,093,359.159	14	27° 56' 56.7826"	101° 12' 35.998"	33	278,088.002	3,089,538.622	14	27° 54' 50.052"	101° 15' 17.3453"		
6	282,364.768	3,092,864.798	14	27° 56' 40.607"	101° 12' 43.2009"	34	278,112.891	3,090,895.689	14	27° 55' 34.1372"	101° 15' 17.3501"		
7	282,558.834	3,092,755.537	14	27° 56' 37.1727"	101° 12' 36.0321"	35	278,455.383	3,090,889.085	14	27° 55' 34.1277"	101° 15' 04.8241"		
8	282,768.118	3,093,254.941	14	27° 56' 53.514"	101° 12' 28.7092"	36	278,461.168	3,091,189.109	14	27° 55' 43.8744"	101° 15' 04.8146"		
9	283,005.754	3,093,250.650	14	27° 56' 53.514"	101° 12' 20.0163"	37	278,118.393	3,091,195.718	14	27° 55' 43.8838"	101° 15' 17.3513"		
10	282,754.042	3,092,643.862	14	27° 56' 33.6606"	101° 12' 28.8202"	38	278,125.106	3,091,561.721	14	27° 55' 55.7737"	101° 15' 17.3526"		
11	283,774.134	3,092,071.352	14	27° 56' 15.665"	101° 11' 51.142"	39	279,690.470	3,091,531.538	14	27° 55' 55.7278"	101° 14' 20.0989"		
12	283,715.591	3,091,924.134	14	27° 56' 10.8498"	101° 11' 53.1859"	40	279,665.570	3,090,240.109	14	27° 55' 13.7738"	101° 14' 20.1448"		
13	283,274.931	3,091,932.052	14	27° 56' 10.8493"	101° 12' 09.3038"	41	280,426.748	3,090,225.432	14	27° 55' 13.7489"	101° 13' 52.3073"		
14	283,260.052	3,091,103.992	14	27° 55' 43.9487"	101° 12' 09.3023"	42	280,421.757	3,089,951.881	14	27° 55' 04.8624"	101° 13' 52.3073"		
15	282,764.949	3,091,113.538	14	27° 55' 43.9687"	101° 12' 27.4107"	43	281,521.789	3,089,931.811	14	27° 55' 04.8606"	101° 13' 12.0788"		
16	282,759.164	3,090,813.515	14	27° 55' 34.2219"	101° 12' 27.4242"	44	281,532.736	3,090,531.828	14	27° 55' 24.3529"	101° 13' 12.0768"		
17	282,659.156	3,090,815.443	14	27° 55' 34.2259"	101° 12' 31.0819"	45	281,472.025	3,090,532.936	14	27° 55' 24.3531"	101° 13' 14.2971"		
18	282,651.443	3,090,415.412	14	27° 55' 21.2301"	101° 12' 31.0997"	46	281,481.136	3,091,005.462	14	27° 55' 39.7039"	101° 13' 14.2778"		
19	282,551.435	3,090,417.340	14	27° 55' 21.234"	101° 12' 34.7573"	47	280,781.081	3,091,018.960	14	27° 55' 39.7287"	101° 13' 39.8817"		
20	282,549.507	3,090,317.332	14	27° 55' 17.9851"	101° 12' 34.7617"	48	280,808.078	3,092,419.070	14	27° 56' 25.2136"	101° 13' 39.8276"		
21	282,149.476	3,090,325.045	14	27° 55' 18.0006"	101° 12' 49.3918"	49	279,956.238	3,092,435.495	14	27° 56' 25.2418"	101° 14' 10.9865"		
22	282,139.834	3,089,825.006	14	27° 55' 01.7559"	101° 12' 49.4134"	50	279,968.147	3,093,036.064	14	27° 56' 44.7523"	101° 14' 10.9529"		
23	282,339.850	3,089,821.149	14	27° 55' 01.7481"	101° 12' 42.0987"	51	280,150.578	3,093,032.704	14	27° 56' 44.7515"	101° 14' 04.2796"		
24	282,339.592	3,089,807.764	14	27° 55' 01.3133"	101° 12' 42.0992"	52	280,159.787	3,093,532.722	14	27° 57' 00.9951"	101° 14' 04.2772"		
25	281,324.609	3,089,826.288	14	27° 55' 01.3175"	101° 13' 19.2173"	53	280,760.145	3,093,521.474	14	27° 57' 00.9859"	101° 13' 42.3153"		
26	281,312.589	3,089,167.436	14	27° 54' 39.9139"	101° 13' 19.2192"	54	280,758.217	3,093,421.466	14	27° 56' 57.737"	101° 13' 42.3191"		
27	281,178.696	3,089,170.017	14	27° 54' 39.9187"	101° 13' 24.1155"	55	280,958.232	3,093,417.609	14	27° 56' 57.7301"	101° 13' 35.0023"		
28	281,152.833	3,087,828.711	14	27° 53' 56.3439"	101° 13' 24.17"								

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 138, a fojas 69, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 8.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 139.- NOMBRE DEL LOTE.- HIDALGO FRACCION 8.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 139
 TITULAR: SERVICIO GEOLOGICO MEXICANO
 NOMBRE DEL LOTE: HIDALGO FRACCION 8
 SUPERFICIE: 10,606.7960 Has.
 MUNICIPIO Y ESTADO: SAN BUENAVENTURA, COAHUILA

LOCALIZACION DEL LOTE MINERO

PUNTO DE PARTIDA

La mojenera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia	Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	Al SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	Al SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	Al NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.: **2,224,808.059 mN** **532,122.262 mE**

PERIMETRO

LINEA AUXILIAR:

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
ESTE	NORTE	ZONA	LATITUD	LONGITUD	ESTE	NORTE	ZONA	LATITUD	LONGITUD		
PP	532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A	1	784,488.878	3,077,868.989	13	27° 47' 48.5455" 102° 06' 45.8062"

COORDENADAS U.T.M.					COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.					COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD		
1	784,488.878	3,077,868.989	13	27° 47' 48.5455"	102° 06' 45.8062"	10	793,096.509	3,050,811.709	13	27° 33' 03.6707"	102° 01' 55.4319"		
2	789,494.326	3,078,001.598	13	27° 47' 48.9949"	102° 03' 43.0036"	11	792,960.593	3,055,941.954	13	27° 35' 50.2931"	102° 01' 55.8979"		
3	789,528.774	3,076,701.307	13	27° 47' 06.7637"	102° 03' 42.882"	12	792,076.893	3,055,918.542	13	27° 35' 50.221"	102° 02' 28.1114"		
4	791,129.132	3,076,743.705	13	27° 47' 06.8937"	102° 02' 44.4433"	13	792,050.394	3,056,918.765	13	27° 36' 22.7068"	102° 02' 28.2041"		
5	791,219.228	3,073,342.944	13	27° 45' 16.4439"	102° 02' 44.1397"	14	791,050.171	3,056,892.266	13	27° 36' 22.6229"	102° 03' 04.6684"		
6	793,003.268	3,073,390.248	13	27° 45' 16.5833"	102° 01' 39.0127"	15	790,997.173	3,058,892.713	13	27° 37' 27.5949"	102° 03' 04.8591"		
7	793,144.400	3,068,824.584	13	27° 42' 48.2853"	102° 01' 37.8894"	16	789,996.949	3,058,866.214	13	27° 37' 27.5088"	102° 03' 41.3297"		
8	792,648.863	3,068,809.262	13	27° 42' 48.1761"	102° 01' 55.9742"	17	789,943.951	3,060,866.661	13	27° 38' 32.481"	102° 03' 41.5254"		
9	793,202.877	3,050,814.970	13	27° 33' 03.6938"	102° 01' 51.5557"	18	788,943.727	3,060,840.161	13	27° 38' 32.3927"	102° 04' 18.0022"		

VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS		VERTICE	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	E	N	ZONA	LATITUD	LONGITUD		E	N	ZONA	LATITUD	LONGITUD
19	788,890.729	3,062,840.608	13	27° 39' 37.3653"	102° 04' 18.203"	23	786,625.291	3,072,789.844	13	27° 45' 02.0465"	102° 05' 32.2187"
20	787,890.506	3,062,814.109	13	27° 39' 37.2748"	102° 04' 54.686"	24	785,625.068	3,072,763.345	13	27° 45' 01.9529"	102° 06' 08.7323"
21	787,837.508	3,064,814.556	13	27° 40' 42.2476"	102° 04' 54.8918"	25	785,492.572	3,077,764.462	13	27° 47' 44.3851"	102° 06' 09.263"
22	786,837.284	3,064,788.057	13	27° 40' 42.1549"	102° 05' 31.3811"	26	784,492.349	3,077,737.963	13	27° 47' 44.2899"	102° 06' 45.792"

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 139, a fojas 70, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.

TITULO de Asignación Minera del lote Hidalgo Fracción 9.- Exp. Núm. 103/00432.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.- Coordinación General de Minería.- Dirección General de Minas.

TITULO DE ASIGNACION MINERA

NUMERO 140.- NOMBRE DEL LOTE.- HIDALGO FRACCION 9.- AGENCIA.- PACHUCA, HIDALGO

El Ejecutivo Federal, por conducto de la Secretaría de Economía, con fundamento en lo preceptuado por los artículos 34, fracción XXIX, de la Ley Orgánica de la Administración Pública Federal; 7, fracción VI, 10, párrafo segundo, 6 y 26 de la Ley Minera, y de acuerdo con lo establecido por su Reglamento, expide el presente TITULO DE ASIGNACION MINERA, sin perjuicio de tercero.

DATOS DE LA ASIGNACION MINERA

NUMERO DE TITULO: 140
 TITULAR: SERVICIO GEOLOGICO MEXICANO
 NOMBRE DEL LOTE: HIDALGO FRACCION 9
 SUPERFICIE: 10,558.4203 Has.
 MUNICIPIO Y ESTADO: SAN BUENAVENTURA, COAHUILA

LOCALIZACION DEL LOTE MINERO

PUNTO DE PARTIDA

La mojonera o señal reglamentaria se localiza en: A 3000 MTS. AL OESTE DEL CERRO EL LOBO, SITUADO EN LA PARTE OCCIDENTE DE LA CIUDAD DE PACHUCA, HIDALGO.

	Distancia		Rumbo	Nombre o poblados o accidentes topográficos
A	2,728 Mts.	Al	SW	DEL POBLADO MINERAL DEL MONTE
A	4,630 Mts.	Al	SE	DEL POBLADO PACHUCA DE SOTO
A	5,300 Mts.	Al	NE	DEL POBLADO PACHUQUILLA

Coordenadas U.T.M.: **2,224,808.059 mN** **532,122.262 mE**

PERIMETRO

LINEA AUXILIAR:

	COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS			COORDENADAS U.T.M.			COORDENADAS GEOGRAFICAS	
	ESTE	NORTE	ZONA	LATITUD	LONGITUD		ESTE	NORTE	ZONA	LATITUD	LONGITUD
PP	532,122.2623	2,224,808.0595	13	20°07'16.8812" N	98°41'33.6796" W	A 1	234,017.860	3,058,424.038	14	27° 37' 30.9409"	101° 41' 43.1164"

COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS		COORDENADAS U.T.M.				COORDENADAS GEOGRAFICAS	
VERTICE	E	N	ZONA	LATITUD	LONGITUD	VERTICE	E	N	ZONA	LATITUD	LONGITUD
1	234,017.860	3,058,424.038	14	27° 37' 30.9409"	101° 41' 43.1164"	46	248,252.079	3,038,425.111	14	27° 26' 51.4053"	101° 32' 49.2845"
2	234,408.516	3,058,415.674	14	27° 37' 30.946"	101° 41' 28.8713"	47	248,209.541	3,036,224.868	14	27° 25' 39.9351"	101° 32' 49.1913"
3	234,376.394	3,056,915.361	14	27° 36' 42.2151"	101° 41' 28.8504"	48	249,709.706	3,036,195.864	14	27° 25' 39.9885"	101° 31' 54.5832"
4	234,776.477	3,056,906.795	14	27° 36' 42.2198"	101° 41' 14.2633"	49	249,696.171	3,035,495.787	14	27° 25' 17.2477"	101° 31' 54.5569"
5	234,755.063	3,052,906.587	14	27° 36' 09.7323"	101° 41' 14.2508"	50	249,496.149	3,035,499.654	14	27° 25' 17.2411"	101° 32' 01.8376"
6	235,255.167	3,055,895.879	14	27° 36' 09.7375"	101° 40' 56.0184"	51	249,486.481	3,034,999.599	14	27° 25' 00.9976"	101° 32' 01.8186"
7	235,223.046	3,054,395.566	14	27° 35' 21.0061"	101° 40' 56.0024"	52	248,486.371	3,035,018.935	14	27° 25' 00.9624"	101° 32' 38.2204"
8	235,623.129	3,054,387.001	14	27° 35' 21.0096"	101° 40' 41.4182"	53	248,467.035	3,034,018.825	14	27° 24' 28.4758"	101° 32' 38.1796"
9	235,580.300	3,053,386.584	14	27° 34' 16.0342"	101° 40' 41.4002"	54	248,066.991	3,034,026.559	14	27° 24' 28.4611"	101° 32' 52.7391"
10	237,580.717	3,052,343.755	14	27° 34' 16.0445"	101° 39' 28.4904"	55	247,972.246	3,029,126.018	14	27° 21' 49.2766"	101° 32' 52.5367"
11	237,602.132	3,053,343.963	14	27° 34' 48.5327"	101° 39' 28.4934"	56	248,772.335	3,029,110.550	14	27° 21' 49.3048"	101° 32' 23.4293"
12	238,602.340	3,053,322.459	14	27° 34' 48.534"	101° 38' 52.0352"	57	248,754.933	3,028,210.450	14	27° 21' 20.0666"	101° 32' 23.3948"
13	238,623.755	3,054,322.757	14	27° 35' 21.0224"	101° 38' 52.0353"	58	248,854.944	3,028,208.517	14	27° 21' 20.07"	101° 32' 19.7567"
14	239,623.963	3,050,301.343	14	27° 35' 21.0213"	101° 38' 15.5739"	59	248,835.608	3,027,208.407	14	27° 20' 47.5831"	101° 32' 19.7189"
15	239,634.671	3,054,801.447	14	27° 35' 37.2656"	101° 38' 15.5726"	60	247,035.409	3,027,243.211	14	27° 20' 47.5183"	101° 33' 25.2003"
16	240,634.879	3,054,780.033	14	27° 35' 37.2619"	101° 37' 39.1094"	61	247,130.154	3,032,143.751	14	27° 23' 26.7022"	101° 33' 25.4136"
17	240,656.294	3,055,780.241	14	27° 36' 09.7506"	101° 37' 39.104"	62	246,030.033	3,032,165.020	14	27° 23' 26.6573"	101° 34' 05.4456"
18	241,156.398	3,059,479.534	14	27° 36' 09.7479"	101° 37' 20.8708"	63	246,062.903	3,033,865.208	14	27° 24' 21.8838"	101° 34' 05.5264"
19	241,235.631	3,059,470.306	14	27° 38' 09.9562"	101° 37' 20.8471"	64	245,362.826	3,033,878.743	14	27° 24' 21.8533"	101° 34' 31.0047"
20	240,835.548	3,059,478.872	14	27° 38' 09.9581"	101° 37' 35.438"	65	245,420.833	3,036,879.074	14	27° 25' 59.3111"	101° 34' 31.1552"
21	240,854.452	3,060,338.236	14	27° 38' 37.8721"	101° 37' 35.4156"	66	244,320.712	3,036,900.343	14	27° 25' 59.2599"	101° 35' 11.2021"
22	242,207.705	3,060,314.113	14	27° 38' 38.0216"	101° 36' 46.0628"	67	244,367.117	3,039,300.608	14	27° 27' 17.2253"	101° 35' 11.3319"
23	242,244.006	3,062,352.791	14	27° 39' 44.2369"	101° 36' 46.3136"	68	242,766.941	3,039,331.545	14	27° 27' 17.1443"	101° 36' 09.5926"
24	242,311.561	3,062,351.484	14	27° 39' 44.2409"	101° 36' 43.8494"	69	242,838.483	3,043,031.953	14	27° 29' 17.3393"	101° 36' 09.813"
25	242,195.547	3,056,350.823	14	27° 36' 29.3355"	101° 36' 43.4495"	70	242,338.427	3,043,041.621	14	27° 29' 17.3122"	101° 36' 28.0249"
26	243,295.669	3,056,329.553	14	27° 36' 29.3985"	101° 36' 03.3398"	71	242,440.906	3,048,342.206	14	27° 32' 09.482"	101° 36' 28.3542"
27	243,272.466	3,055,129.421	14	27° 35' 50.4169"	101° 36' 03.2648"	72	241,940.851	3,048,351.874	14	27° 32' 09.4537"	101° 36' 46.5739"
28	243,872.532	3,055,117.820	14	27° 35' 50.4498"	101° 35' 41.3888"	73	242,041.397	3,053,552.447	14	27° 34' 58.3733"	101° 36' 46.9114"
29	243,835.794	3,053,217.610	14	27° 34' 48.7286"	101° 35' 41.2743"	74	241,041.286	3,053,571.783	14	27° 34' 58.3136"	101° 37' 23.3661"
30	244,435.861	3,053,206.009	14	27° 34' 48.7603"	101° 35' 19.4016"	75	241,050.954	3,054,071.838	14	27° 35' 14.5557"	101° 37' 23.4004"
31	244,404.924	3,051,605.832	14	27° 33' 56.7843"	101° 35' 19.3086"	76	238,850.711	3,054,114.376	14	27° 35' 14.4147"	101° 38' 43.6032"
32	245,505.045	3,051,584.563	14	27° 33' 56.8395"	101° 34' 39.2138"	77	238,825.575	3,052,814.233	14	27° 34' 32.1858"	101° 38' 43.5057"
33	245,487.643	3,050,684.464	14	27° 33' 27.6027"	101° 34' 39.1647"	78	237,725.454	3,052,835.502	14	27° 34' 32.1108"	101° 39' 23.6024"
34	246,287.731	3,050,668.995	14	27° 33' 27.6407"	101° 34' 10.0068"	79	237,673.247	3,050,135.204	14	27° 33' 04.405"	101° 39' 23.3922"
35	246,264.528	3,049,468.863	14	27° 32' 48.6581"	101° 34' 09.9445"	80	235,473.005	3,050,177.743	14	27° 33' 04.2466"	101° 40' 43.5669"
36	247,464.661	3,049,445.660	14	27° 32' 48.7115"	101° 33' 26.2116"	81	235,511.676	3,052,177.963	14	27° 34' 09.2129"	101° 40' 43.7356"
37	247,443.392	3,048,345.539	14	27° 32' 12.9772"	101° 33' 26.1588"	82	234,011.510	3,052,206.967	14	27° 34' 09.0968"	101° 41' 38.4084"
38	245,343.160	3,048,386.143	14	27° 32' 12.8816"	101° 34' 42.6842"	83	234,040.231	3,053,692.516	14	27° 34' 57.3462"	101° 41' 38.541"
39	245,302.555	3,046,285.912	14	27° 31' 04.6623"	101° 34' 42.5711"	84	234,068.528	3,053,692.012	14	27° 34' 57.3499"	101° 41' 37.5096"
40	246,102.643	3,046,270.443	14	27° 31' 04.6997"	101° 34' 13.4236"	85	234,064.334	3,053,456.734	14	27° 34' 49.7085"	101° 41' 37.4757"
41	246,040.769	3,043,070.090	14	27° 29' 20.7456"	101° 34' 13.2607"	86	234,182.559	3,053,454.626	14	27° 34' 49.7237"	101° 41' 33.1667"
42	246,540.824	3,043,060.422	14	27° 29' 20.7678"	101° 33' 55.0483"	87	234,270.639	3,058,395.689	14	27° 37' 30.1996"	101° 41' 33.8807"
43	246,498.286	3,040,860.180	14	27° 28' 09.2989"	101° 33' 54.941"	88	234,017.435	3,058,400.202	14	27° 37' 30.1668"	101° 41' 43.1129"
44	247,498.396	3,040,840.844	14	27° 28' 09.3408"	101° 33' 18.5224"						
45	247,451.991	3,038,440.579	14	27° 26' 51.374"	101° 33' 18.4138"						

LA ASIGNACION MINERA A QUE SE REFIERE ESTE TITULO DEBERA RESPETAR A LOS TITULOS, ASIGNACIONES, SOLICITUDES EN TRAMITE Y ZONAS DE RESERVAS MINERAS CON MEJORES DERECHOS QUE SE UBIQUEN EN EL INTERIOR DE SU PERIMETRO.

LOS DATOS DE LAS COLINDANCIAS Y PERIMETROS INTERIORES DEL LOTE QUE AMPARA ESTA ASIGNACION OBRAN EN EL EXPEDIENTE DEL PRESENTE TITULO.

Dado en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007, en los términos previstos por el artículo 10, párrafo segundo, de la Ley Minera, procédase a su publicación en el Diario Oficial de la Federación.- El Director General de Minas, **Carlos Eduardo de la Cruz Ledezma**.- Rúbrica.

La vigencia de esta Asignación Minera será de seis años improrrogables, contados a partir de la fecha de publicación del presente título en el Diario Oficial de la Federación.

Inscrito bajo el acta número 140, a fojas 70, del volumen 3 del Libro de ASIGNACIONES MINERAS del Registro Público de Minería, en la Ciudad de México, Distrito Federal, el 20 de noviembre de 2007.- El Registrador Público de Minería, **María Olga Gallardo Montoya**.- Rúbrica y sello de dicho Registro.