

Republic of the Philippines  
**HOUSE OF REPRESENTATIVES**  
**TWENTIETH CONGRESS**  
First Regular Session



**HOUSE BILL NO. 5063**

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**INTRODUCED BY CONGRESSMAN STEVE CHIONGBIAN SOLON**

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**EXPLANATORY NOTE**

This proposed bill was already tackled and approved at the committee level of the House of Representatives last 19<sup>th</sup> Congress.

The Mount Busa complex, situated in the Municipalities of Maitum, Kiamba, and Maasim (MaKiMa for brevity) in the Province of Sarangani, possesses extraordinary wealth of biodiversity. It is accordingly one of the last remaining primary forests not only in Sarangani Province but in the entire region. It offers a major watershed, a source of water used for domestic, agriculture, and industry in Western Sarangani and nearby province of South Cotabato and General Santos City. It has a vast tourism value given its diverse natural assets and unique cultural heritage, being the home of Tboli and Blaan indigenous peoples.

It is one of the two hundred twenty-eight (228) terrestrial and marine key biodiversity areas (KBAs) of the Philippines with assigned number KBA 196, as identified in the 2006 publication of the Department of Environment and Natural Resources-Biodiversity Management Bureau teaming up with Conservation International Philippines and the Haribon Foundation.

KBAs are extremely high conservation priority sites in the Philippines because of the globally important species living therein. Identifying KBAs is based on the Important Bird Areas (IBAs) delineated by the Haribon Foundation and Birdlife International and the Conservation Priority Areas identified through the Philippine Biodiversity Conservation Priority-setting Program.

In the DENR's Protected Area Suitability Assessment (PASA) or PASA Result in 2021, Mt. Busa harbors approximately 200 species of plants, 58 species of birds, 30 species of amphibians, 24 species of reptiles, and 12 species of mammals. This number will likely increase with more field survey efforts in the whole area.

Other threatened wildlife species of conservation concern found in Mt. Busa are the Philippine eagle (*Pithecopaga jefferyi*), Southern rufous hornbill (*Buceros mindanensis*), Mindanao flying lizard (*Draco mindanensis*), Taylor's dwarf reed snake (*Pseudorabdion taylori*), and several potentially new frog and orchid species, all of which are strongly supported and protected under the Philippine Wildlife Act (RA No. 9147).

Another notable species rediscovered in Mount Busa include the Guttman's stream frog (*Pulchrana guttmani*) - the rarest amphibian in the Philippines - after being lost for almost three decades. Its forests are home to the world's only known living population of this species, which is needing urgent protection and conservation.

However, Mt. Busa range is not included as protected area under Republic Act No. 7586 or the National Integrated Protected Areas System Act of 1992, as amended by expansion in RA No. 11038. Thus, the herein Mt. Busa Protected Landscape (MBPL) Act will protect Mount Busa complex from threats and environmental crimes, like timber poaching, forest land conversion, unsustainable agricultural practices, wildlife poaching, mining and pollution.

The establishment of Mt. Busa Protected Landscape supports the thrusts of the country's Nationally Determined Contribution (NDC) addressing concerns on climate change, and of the Philippine Biodiversity Strategy and Action Plan (PBSAP) 2015-2028 as the country's roadmap to conserve biodiversity with its vision that "by 2028, biodiversity is restored and rehabilitated, valued, effectively managed, secured, maintaining ecosystem services to sustain healthy, resilient Filipino communities and delivering benefits to all."

The Provincial Government of Sarangani, after series of public hearings conducted with the different sectors in MaKiMa towns, had approved Provincial Ordinance No. 2022-11-087 dated October 10, 2022 declaring Mt. Busa a local conservation area (LCA), a prelude to the national declaration of being a protected landscape.

Finally, this bill protects and advances the guaranteed constitutional right of the people, both present and future generations, to a balanced and healthful ecology in accord with the rhythm and harmony of nature.

In view of the importance and urgency of this matter, the approval of this bill is earnestly sought.



**STEVE CHIONGBIAN SOLON**  
Representative  
Lone District of Sarangani Province

Republic of the Philippines  
**HOUSE OF REPRESENTATIVES**  
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**HOUSE BILL NO. 5063**

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**INTRODUCED BY HON. STEVE CHIONGBIAN SOLON**

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**AN ACT ESTABLISHING THE MT. BUSA PROTECTED LANDSCAPE IN THE PROVINCE OF SARANGANI UNDER THE EXPANDED NATIONAL INTEGRATED PROTECTED AREA SYSTEM (E-NIPAS), PROVIDING FOR ITS MANAGEMENT, FUNDS AND FOR OTHER PURPOSES**

*Be it enacted by the Senate and House of Representative of the Philippines in Congress assembled:*

**Section 1. Title.** - This Act shall be known as the “Mt. Busa Protected Landscape (MBPL) Act.”

**Section 2. Declaration of Policy.** - It is the policy of the state to protect and advance the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature. For this purpose, the importance of Mt. Busa complex in Sarangani Province as the host of diverse and rare plant and animal species, including the educational, scientific, aesthetic, recreational, social, cultural, religious and economic importance of the mountain range, behooves the state to undertake steps to ensure its protection and conservation.

**Section 3. Declaration as Protected Area.** - Pursuant to Republic Act No. 7586, as amended by Republic Act No. 11038 or the “Expanded National Integrated Protected Areas System Act of 2018” (E-NIPAS) and various international conventions to which the Philippines is a signatory, the Mt. Busa key biodiversity area situated in the municipalities of Maitum, Kiamba and Maasim in the Province of Sarangani shall be declared and established a protected area under the category of protected landscape.

**Section 4. Scope and Coverage.** – Beginning at a point marked “1” on Map, being N 29°57'23" W, 19,894.127 meters from PRS'92 Control Monument “SNI-3504” with geographic coordinates of **05°55'16.00961" Latitude** and **125°05'38.84704" Longitude** located at Municipality of Maasim, Sarangani:

thence	S 89°59'48" E	5223.447	meters to corner	2
thence	S 00°00'10" E	10890.4	meters to corner	3
thence	N 87°44'00" W	3078.685	meters to corner	4

thence	N 23°53'00" W	103.46	meters to comer	5
thence	N 19°22'00" W	1185.65	meters to corner	6
thence	N 02°03'00" E	1009.68	meters to corner	7
thence	N 11°15'00" W	1015.17	meters to corner	8
thence	N 36°22'00" W	655.3	meters to corner	9
thence	N 61°37'00" W	539.27	meters to corner	10
thence	s 54°40'00" w	292.08	meters to comer	11
thence	s 24°26'00" w	372.32	meters to corner	12
thence	S 26°11'00" E	639.63	meters to comer	13
thence	S 04°10'00" E	934.13	meters to corner	14
thence	s 60°29'00" w	710.1	meters to corner	15
thence	N 82°46'00" W	883.51	meters to corner	16
thence	N 83°13'00" W	909.36	meters to corner	17
thence	N 87°50'00" W	872.95	meters to corner	18
thence	s 66°43'00" w	1277.37	meters to comer	19
thence	s 89°32'00" w	6524.22	meters to corner	20
thence	N 88°01'00" W	790.03	meters to corner	21
thence	N 80°42'00" W	38.52	meters to corner	22
thence	s 84°44'00" w	641.17	meters to corner	23
thence	N 66°07'00" W	382.97	meters to corner	24
thence	N 88°08'00" W	1297.70	meters to corner	25
thence	N 42°30'00" W	653.37	meters to corner	26
thence	s 66°11'00" w	1254.47	meters to corner	27
thence	s 74°16'00" w	207.81	meters to corner	28
thence	s 62°27'00" w	321.11	meters to corner	29
thence	s 89°20'00" w	815.31	meters to corner	30
thence	s 03°08'00" w	608.51	meters to corner	31
thence	S 52°39'00" E	4480.43	meters to corner	32
thence	S 59°44'00" E	4588.97	meters to corner	33
thence	S 14°12'00" E	1958.39	meters to corner	34
thence	s 03°16'00" w	2248.55	meters to corner	35
thence	s 03° 16'00" w	1022.06	meters to corner	36
thence	N 56°47'00" E	14.76	meters to corner	37
thence	S 64°27'00" E	178.47	meters to corner	38
thence	S 22°21'00" E	597.46	meters to corner	39
thence	S 00°41'00" E	551.81	meters to corner	40
thence	S 39°36'00" E	596.69	meters to corner	41
thence	S 80° 11'00" E	948.28	meters to corner	42
thence	s 00°34'00" w	1043.74	meters to corner	43
thence	N 74°31'00" W	342.56	meters to corner	44
thence	N 59°02'00" W	451.46	meters to corner	45
thence	s 83°44'00" w	797.93	meters to corner	46
thence	s 85°14'00" w	506.81	meters to corner	47
thence	N 79°55'00" W	133.96	meters to corner	48
thence	N 05°07'00" W	172.70	meters to corner	49
thence	N 28°55'00" W	80.11	meters to corner	50
thence	N 83°48'00" W	306.61	meters to corner	51
thence	N 30°11'00" W	154.15	meters to corner	52
thence	N 15°06'00" E	178.96	meters to corner	53
thence	N 86°24'00" W	101.16	meters to corner	54
thence	s 47°33'00" w	275.94	meters to corner	55

thence	s 34°40'00" w	123.68	meters to corner	56
thence	S 17°29'00" E	385.10	meters to corner	57
thence	s 47°52'00" w	243.45	meters to corner	58
thence	N 65°38'00" W	341.90	meters to corner	59
thence	N 19°05'00" W	190.66	meters to corner	60
thence	N 23°37'00" E	178.66	meters to corner	61
thence	N 47°35'00" W	116.08	meters to corner	62
thence	N 07°17'00" W	299.47	meters to corner	63
thence	N 38°27'00" E	150.21	meters to corner	64
thence	N 82°58'00" E	118.93	meters to corner	65
thence	S 84°42'00" E	258.97	meters to corner	66
thence	N 66°17'00" E	251.55	meters to corner	67
thence	N 10°58'00" W	335.27	meters to corner	68
thence	N 87°23'00" W	142.10	meters to corner	69
thence	s 74°18'00" w	682.00	meters to corner	70
thence	N 89°48'00" W	244.38	meters to corner	71
thence	N 19°01'24" W	432.33	meters to corner	72
thence	s 89°11'51" w	286.52	meters to corner	73
thence	s 79°18'12" w	288.79	meters to corner	74
thence	N 04°56'56" W	112.86	meters to corner	75
thence	N 22°44'29" E	255.13	meters to corner	76
thence	N 13°47'44" W	75.16	meters to corner	77
thence	N 08°07'28" E	94.58	meters to corner	78
thence	N 27°45'00" W	166.61	meters to corner	79
thence	N 09°06'44" E	270.92	meters to corner	80
thence	N 29°01'31" W	676.16	meters to corner	81
thence	s 61°02'10" w	175.09	meters to corner	82
thence	s 61°02'09" w	203.67	meters to corner	83
thence	S 26°09'29" E	592.85	meters to corner	84
thence	S 08°05'25" E	230.97	meters to corner	85
thence	s 10°07'03" w	216.71	meters to corner	86
thence	s 59°08'21" w	155.74	meters to corner	87
thence	N 27°47'36" W	219.96	meters to corner	88
thence	N 02°47'35" W	139.97	meters to corner	89
thence	N 29°04'19" W	365.43	meters to corner	90
thence	N 45°01'40" W	146.13	meters to corner	91
thence	N 10°35'08" W	148.87	meters to corner	92
thence	N 02°32'53" W	1254.06	meters to corner	93
thence	N 32°59'00" W	417.95	meters to corner	94
thence	s 44°33'23" w	246.93	meters to corner	95
thence	s 33°48'11" w	133.38	meters to corner	96
thence	s 12°24'08" w	158.73	meters to corner	97
thence	S 02°57'04" E	629.91	meters to corner	98
thence	S 13°08'06" E	660.07	meters to corner	99
thence	S 38°53'03" E	512.74	meters to corner	100
thence	s 14°42'33" w	226.47	meters to corner	101
thence	N 84°46'11" W	281.84	meters to corner	102
thence	N 78°02' 16" W	664.56	meters to corner	103
thence	N 37°59'13" W	410.93	meters to corner	104
thence	s 29°00'11" w	358.14	meters to corner	105
thence	s 70°46'49" w	440.25	meters to corner	106

thence	s 53°05'32" w	261.10	meters to corner	107
thence	S 17°16'40"W	379.22	meters to corner	108
thence	N 76°51'36" W	71.89	meters to corner	109
thence	N 75°23'59" W	77.15	meters to corner	110
thence	N 77°27'15" W	64.99	meters to corner	111
thence	N 80°49'14" W	63.61	meters to corner	112
thence	N 85°36'34" W	64.77	meters to corner	113
thence	N 21°49'43" W	411.98	meters to corner	114
thence	N 37°39'40" W	219.14	meters to corner	115
thence	N 29°44'44" E	401.36	meters to corner	116
thence	N 58°38'35" W	167.54	meters to corner	117
thence	N 35°56'12" E	240.91	meters to corner	118
thence	N 83°02'22" W	345.71	meters to corner	119
thence	s 19°34'2311 w	201.04	meters to corner	120
thence	N 54°37'3711 W	196.10	meters to corner	121
thence	s 61°41'33" w	347.42	meters to corner	122
thence	N 28°03'03" W	529.79	meters to corner	123
thence	N 77°03'44" E	60.81	meters to corner	124
thence	N 40°21'47" E	44.30	meters to corner	125
thence	N 07°55'23" W	37.41	meters to corner	126
thence	N 05°08'4711 E	43.02	meters to corner	127
thence	N 05°12'17" W	50.49	meters to corner	128
thence	N 48°26'42" W	52.86	meters to corner	129
thence	N 03°36'4911E	44.52	meters to corner	130
thence	N 07°32'30" E	53.88	meters to corner	131
thence	N 09°04'32" E	75.50	meters to corner	132
thence	N 21°44'54" E	43.23	meters to corner	133
thence	N 05°21'57" E	76.50	meters to corner	134
thence	N 19°03'02" E	70.44	meters to corner	135
thence	N 00°43'25" E	58.73	meters to corner	136
thence	N 07°53'2911E	67.27	meters to corner	137
thence	N 28°34'50" W	54.46	meters to corner	138
thence	N 55°12'25" E	439.92	meters to corner	139
thence	N 00°05'5811 W	310.25	meters to corner	140
thence	N 34°48'4611 W	226.07	meters to corner	141
thence	N 20°05'4811 W	35.34	meters to corner	142
thence	N 42°30'0611 W	37.44	meters to corner	143
thence	N 01°58'2611 W	55.59	meters to corner	144
thence	N 30°59'30" E	28.95	meters to corner	145
thence	N 62°05'06" E	37.76	meters to corner	146
thence	N 74°29'07" E	73.77	meters to corner	147
thence	N 54°21'23" E	83.08	meters to corner	148
thence	N 09°55'0511 W	60.27	meters to corner	149
thence	N 24°25'55" E	49.46	meters to corner	150
thence	N 68°02'3411 E	65.17	meters to corner	151
thence	N 12°01'1211 E	42.01	meters to corner	152
thence	N 31°36'0011 W	39.37	meters to corner	153
thence	N 10°36'0611 E	25.86	meters to corner	154
thence	N 62°02'58" W	31.11	meters to corner	155
thence	N 32°37'5911E	91.50	meters to corner	156
thence	N 63°54'3411 W	35.20	meters to corner	157

thence	N 07°58'05" W	56.03	meters to corner	158
thence	N 68°39'14" E	97.54	meters to corner	159
thence	N 00°37'00" W	29.94	meters to corner	160
thence	N 46°04'25" W	22.51	meters to corner	161
thence	N 00°20'33.11 W	36.55	meters to corner	162
thence	s 64°54'11" w	309.43	meters to corner	163
thence	s 26°23'03" w	217.24	meters to corner	164
thence	s 41°23'03" w	531.02	meters to corner	165
thence	S 13°47'33" E	259.96	meters to corner	166
thence	s 39°12'28" w	159.97	meters to corner	167
thence	s 86°49'00" w	199.95	meters to corner	168
thence	s 72°09'52" w	285.48	meters to corner	169
thence	N 09°10'56" W	171.87	meters to corner	170
thence	N 54°34'48" W	281.69	meters to corner	171
thence	s 30°31'15" w	191.83	meters to corner	172
thence	N 82°47'47" W	204.16	meters to corner	173
thence	s 57°27'33" w	138.40	meters to corner	174
thence	s 18°36'52" w	161.81	meters to corner	175
thence	S 69°58'19" E	331.29	meters to corner	176
thence	S 28°26'10" E	365.33	meters to corner	177
thence	S 63°19'03" E	150.72	meters to corner	178
thence	S 14°49'25" E	282.78	meters to corner	179
thence	s 03°12'26" w	379.94	meters to corner	180
thence	N 85°34'29" W	540.62	meters to corner	181
thence	s 22°00'37" w	492.68	meters to corner	182
thence	N 51 °46'14" W	378.79	meters to corner	183
thence	N 76°49'12" W	249.82	meters to corner	184
thence	N 29°22'50" W	430.76	meters to corner	185
thence	N 32°28'15" E	336.00	meters to corner	186
thence	N 29° 17'05" W	485.37	meters to corner	187
thence	s 71°24'49" w	367.46	meters to corner	188
thence	N 39°00'44" W	635.53	meters to corner	189
thence	N 08°06'00" E	28.58	meters to corner	190
thence	N 06°02'02" E	32.58	meters to corner	191
thence	N 18°10'36" E	25.73	meters to corner	192
thence	N 14°05'32" E	60.63	meters to corner	193
thence	N 50°55'05" E	28.20	meters to corner	194
thence	N 72°16'47" E	23.63	meters to corner	195
thence	S 81°39'44" E	28.06	meters to corner	196
thence	S 37°47'28" E	26.86	meters to corner	197
thence	S 32°15'49" E	25.87	meters to corner	198
thence	S 54°25'48" E	25.14	meters to corner	199
thence	N 84°02'15" E	24.61	meters to corner	200
thence	N 36°02'43" E	14.69	meters to corner	201
thence	N 23°38'10" E	21.62	meters to corner	202
thence	N 12°32'48" E	21.66	meters to corner	203
thence	N 42°11'41" E	26.69	meters to corner	204
thence	N 64°12'15" E	30.17	meters to corner	205
thence	N 44°12'09" E	26.66	meters to corner	206
thence	N 31°34'50" E	31.76	meters to corner	207

thence	N 64°29'51" E	19.82	meters to corner	208
thence	N 88°48'37" E	27.12	meters to corner	209
thence	N 79°22'02" E	31.65	meters to corner	210
thence	N 77°56'34" E	31.13	meters to corner	211
thence	N 84°24'53" E	45.87	meters to corner	212
thence	N 74°57'09" E	45.24	meters to corner	213
thence	N 61°35'50" E	33.15	meters to corner	214
thence	N 50°33'48" E	30.06	meters to corner	215
thence	N 62°24'22" E	41.12	meters to corner	216
thence	N 61 °39'22" E	51.20	meters to corner	217
thence	N 38°04'57" E	30.16	meters to corner	218
thence	N 00°53'52" E	54.90	meters to corner	219
thence	S 57°35'59" E	146.06	meters to corner	220
thence	N 61°39'05" E	253.14	meters to corner	221
thence	N 36°57'11" E	411.03	meters to corner	222
thence	N 16°10'24" E	271.18	meters to corner	223
thence	N 49°26'37"; W	190.52	meters to corner	224
thence	s 72°12'31" w	279.96	meters to corner	225
thence	s 50°12'28" w	159.98	meters to corner	226
thence	N 68°47'32" W	399.94	meters to corner	227
thence	s 70°12'28" w	399.94	meters to corner	228
thence	N 74°47'32" W	199.97	meters to corner	229
thence	N 74°47'32" W	119.98	meters to corner	230
thence	N 67°56'20" W	196.14	meters to corner	231
thence	S 04°21'29" E	16.81	meters to corner	232
thence	s 13°26'54" w	13.86	meters to corner	233
thence	s 38°52'04" w	17.79	meters to corner	234
thence	N 89°47'32" W	21.03	meters to corner	235
thence	N 83°43'11" W	18.76	meters to corner	236
thence	N 72°10'46" W	26.23	meters to corner	237
thence	N 83°43'11" W	18.76	meters to corner	238
thence	s 67°08'15" w	23.29	meters to corner	239
thence	s 42°36'19" w	24.72	meters to corner	240
thence	s 37°40'06" w	38.49	meters to corner	241
thence	s 56°31'04" w	28.62	meters to corner	242
thence	s 70°53'05" w	32.38	meters to corner	243
thence	s 56°42'46" w	32.36	meters to corner	244
thence	s 62°39'18" w	51.47	meters to corner	245
thence	s 59°21'13" w	35.59	meters to corner	246
thence	s 31°44'33" w	20.49	meters to corner	247
thence	S 19°15'56"W	23.09	meters to corner	248
thence	S 02°39'17" E	23.84	meters to corner	249
thence	S 19°19'44" E	26.11	meters to corner	250
thence	S 27°20'42" E	20.59	meters to corner	251
thence	S 06°42'12" E	26.38	meters to corner	252
thence	s 05°42'00" w	20.73	meters to corner	253
thence	s 39°45'26" w	25.99	meters to corner	254
thence	N 87°16'41" W	299.91	meters to corner	255
thence	N 75°47'32" W	339.95	meters to corner	256
thence	N 81°47'32" W	279.96	meters to corner	257
thence	N 06°47'32" W	259.96	meters to corner	258

thence	N 56°47'31" W	619.91	meters to corner	259
thence	s 71°49'05" w	304.49	meters to corner	260
thence	N 63°10'54" W	268.67	meters to corner	261
thence	N 80°56'53" W	196.43	meters to corner	262
thence	s 84°49'06" w	322.41	meters to corner	263
thence	s 01°12'2911 w	179.98	meters to corner	264
thence	s 04°12'28" w	279.96	meters to corner	265
thence	N 40°47'31" W	559.93	meters to corner	266
thence	N 31°47'30" W	319.95	meters to corner	267
thence	N 67°12'29" E	159.98	meters to corner	268
thence	N 31°12'29" E	219.97	meters to corner	269
thence	N 40°47'30" W	459.94	meters to corner	270
thence	s 60°12'30" w	259.97	meters to corner	271
thence	s 85°12'30" w	219.97	meters to corner	272
thence	s 65°12'30" w	219.97	meters to corner	273
thence	s 71°12'29" w	219.97	meters to corner	274
thence	N 01°12'30" E	319.96	meters to corner	275
thence	N 39° 12'30" E	179.98	meters to corner	276
thence	N 45°47'30" W	199.97	meters to corner	277
thence	N 28°47'30" W	199.97	meters to corner	278
thence	N 51°14'16" E	305.48	meters to corner	279
thence	N 10°23'2111 E	183.01	meters to corner	280
thence	N 25°30'59" E	188.75	meters to corner	281
thence	N 09°42'4711 W	290.00	meters to corner	282
thence	N 15°12'23" E	34.29	meters to corner	283
thence	N 04°40'14" W	43.54	meters to corner	284
thence	N 08°30'03" E	44.56	meters to corner	285
thence	N 10°51'20" W	38.31	meters to corner	286
thence	N 84°14'18" W	57.41	meters to corner	287
thence	N 07°35'0911 W	75.83	meters to corner	288
thence	N 67°35'0511 W	71.41	meters to corner	289
thence	s64°35'12" w	57.51	meters to corner	290
thence	s 84°18'09" w	30.85	meters to corner	291
thence	N 03°19'11" E	97.50	meters to corner	292
thence	N 62°24'49" W	66.73	meters to corner	293
thence	N 05°47'07" W	106.40	meters to corner	294
thence	N 41°08'20" W	52.86	meters to corner	295
thence	N 56°57'14" W	95.30	meters to corner	296
thence	N 58°15'16" W	115.70	meters to corner	297
thence	N 05°01'59" W	72.39	meters to corner	298
thence	N 24°48'29" W	54.74	meters to corner	299
thence	N 73°01'12" W	50.43	meters to corner	300
thence	s 31°22'49" w	62.61	meters to corner	301
thence	s 53°34'29" w	32.14	meters to corner	302
thence	N 48°28'57" W	29.06	meters to corner	303
thence	N 08°35'26" W	86.47	meters to corner	304
thence	N 37°53'55" W	68.59	meters to corner	305
thence	N 20°00'57" W	64.28	meters to corner	306
thence	N 06°11'01" E	50.84	meters to corner	307
thence	N 03°19'24" E	245.98	meters to corner	308
thence	N 13°36'57" E	288.14	meters to corner	309

thence	N 12°36'57" E	278.20	meters to corner	310
thence	N 12°36'57" E	198.71	meters to corner	311
thence	N 32°17'38" W	133.10	meters to corner	312
thence	s 81°12'34" w	139.98	meters to corner	313
thence	s 87°12'33" w	249.97	meters to corner	314
thence	S 25°47'27" E	179.98	meters to corner	315
thence	s 63°12'33" w	249.97	meters to corner	316
thence	s 56°12'33" w	99.99	meters to corner	317
thence	s 01°12'33" w	289.97	meters to corner	318
thence	N 75°12'33" E	209.97	meters to corner	319
thence	S 29°47'27" E	199.98	meters to corner	320
thence	S 20°47'27"E	199.98	meters to corner	321
thence	s 52°27'41" w	270.86	meters to corner	322
thence	s 14°00'54" w	113.05	meters to corner	323
thence	s 66°11'24" w	172.86	meters to corner	324
thence	s 14°20'46" w	289.20	meters to corner	325
thence	s 14°20'46" w	291.19	meters to corner	326
thence	S 27°49'07" E	359.76	meters to corner	327
thence	S 17°36'52" E	215.70	meters to corner	328
thence	s 44°45'34" w	209.50	meters to corner	329
thence	s 71°07'51" w	208.83	meters to corner	330
thence	s 46°23'57" w	286.63	meters to corner	331
thence	s 46°23'57" w	380.10	meters to corner	332
thence	s74°00'44" w	345.59	meters to corner	333
thence	s 54°27'34" w	376.64	meters to corner	334
thence	N 36°17'18" W	154.34	meters to corner	335
thence	N 56°46'55" W	271.94	meters to corner	336
thence	N 18°22'29" W	161.88	meters to corner	337
thence	N 08°54'53" W	455.50	meters to corner	338
thence	N 39°21'29" E	281.14	meters to corner	339
thence	N 75°02'21" W	552.60	meters to corner	340
thence	N 29°21'24" W	344.44	meters to corner	341
thence	N 50°39'07"E	618.24	meters to corner	342
thence	N 10°56'08" E	171.37	meters to corner	343
thence	s 76°47'11" w	602.57	meters to corner	344
thence	N 04°38'33" E	527.63	meters to corner	345
thence	N 47°04'46" W	170.12	meters to corner	346
thence	N 52°04'46" W	170.12	meters to corner	347
thence	N 29°55'15" E	256.90	meters to corner	348
thence	S 88°36'50" E	63.51	meters to corner	349
thence	N 67°00'04"E	74.09	meters to corner	350
Thence	S 89°34'59" E	62.47	meters to corner	351
Thence	S 65°43'20" E	65.19	meters to corner	352
Thence	N 87°17'32" E	62.38	meters to corner	353
Thence	N 60°56'55" E	67.93	meters to corner	354
Thence	S 58°23'54" E	529.76	meters to corner	355
Thence	N 58°38'00" E	292.21	meters to corner	356
Thence	N 25°20'00" W	275.93	meters to corner	357
Thence	N 48°45'09" E	189.31	meters to corner	358
Thence	N 53° 18' 18" E	290.51	meters to corner	359
Thence	N 23°49'56" W	155.85	meters to corner	360

Thence	N 51°11'42" E	667.35	meters to corner	361
Thence	N 11°32'30" W	204.22	meters to corner	362
thence	N 60°49'24" E	173.74	meters to corner	363
Thence	N 08°07'44" W	361.58	meters to corner	364
Thence	N 78°08'10" E	453.53	meters to corner	365
Thence	N 14°55'15" W	323.02	meters to corner	366
Thence	N 56°05'05" W	320.33	meters to corner	367
Thence	N 23°12'39" W	325.40	meters to corner	368
Thence	N 39°02'03" W	289.18	meters to corner	369
Thence	N 01°31'14" E	43.63	meters to corner	370
Thence	N 14°20'36" E	56.88	meters to corner	371
Thence	N 19°11'52" E	39.03	meters to corner	372
Thence	N 11°44'08" E	63.25	meters to corner	373
thence	N 26°18'54" E	44.19	meters to corner	374
thence	N 41°33'28" E	79.29	meters to corner	375
thence	N 20°05'43" E	39.67	meters to corner	376
thence	N 07°23'04" W	36.03	meters to corner	377
thence	N 14°46'39" W	28.79	meters to corner	378
thence	N 59°09'08" E	272.36	meters to corner	379
thence	N 16°49'12" W	294.44	meters to corner	380
thence	N 76°47'23" W	145.04	meters to corner	381
thence	s 28°50'03" w	113.14	meters to corner	382
thence	s 01°03'55" w	79.77	meters to corner	383
thence	s 11°15'30" w	76.62	meters to corner	384
thence	S 03°27'11"E	76.19	meters to corner	385
thence	s 63°43'33" w	329.49	meters to corner	386
thence	S 12°49'35" E	415.30	meters to corner	387
thence	s 08°08'49" w	278.51	meters to corner	388
thence	s 08°12'04" w	456.75	meters to corner	389
thence	S 31°40'17"E	528.65	meters to corner	390
thence	s 12°01'19" w	190.69	meters to corner	391
thence	s 45°13'24" w	193.41	meters to corner	392
thence	N 60°34'13" W	381.76	meters to corner	393
thence	N 80°43'32" W	210.05	meters to corner	394
thence	S 20°29'10" E	296.93	meters to corner	395
thence	s 14°35'19" w	351.50	meters to corner	396
thence	s 30°49'50" w	55.38	meters to corner	397
thence	s 45°05'57" w	70.95	meters to corner	398
thence	s 57°38'07" w	141.27	meters to corner	399
thence	s 79°38'29" w	45.08	meters to corner	400
thence	N 80°40'35" W	62.63	meters to corner	401
thence	s 73°49'11" w	29.30	meters to corner	402
thence	s 44°00'17" w	104.55	meters to corner	403
thence	s 29°28'15" w	45.52	meters to corner	404
thence	s 83°05'11" w	730.20	meters to corner	405
thence	s 68°12'33" w	239.97	meters to corner	406
thence	N 51°47'27" W	129.99	meters to corner	407
thence	N 36°12'34" E	299.97	meters to corner	408
thence	N 39°12'34" E	179.98	meters to corner	409
thence	N 12°12'34" E	182.14	meters to corner	410
thence	N 73°44'12" W	323.43	meters to corner	411

thence	N 15°12'20" W	444.04	meters to corner	412
thence	s 22°12'34" w	492.39	meters to corner	413
thence	s 03°12'34" w	391.30	meters to corner	414
thence	N 53°24'31" W	392.07	meters to corner	415
thence	s 89°12'34" w	823.80	meters to corner	416
thence	N 20°29'58" E	498.69	meters to corner	417
thence	N 39°43'39" W	223.41	meters to corner	418
thence	N 07°03'08" E	387.39	meters to corner	419
thence	N 34°07'58" E	340.31	meters to corner	420
thence	N 52°09'38" E	291.78	meters to corner	421
thence	N 29°15'35" E	242.43	meters to corner	422
thence	N 27°51'24" W	223.79	meters to corner	423
thence	N 10°00'06" W	181.98	meters to corner	424
thence	s 68°34'30" w	99.97	meters to corner	425
thence	s 35°49'1511 w	60.20	meters to corner	426
thence	S 15°30'3111 E	114.74	meters to corner	427
thence	S 28°21'5211 E	84.35	meters to corner	428
thence	S 13°25'01" E	71.87	meters to corner	429
thence	s 38°38'3911 w	215.14	meters to corner	430
thence	s 57°37'3311 w	94.38	meters to corner	431
thence	N 73°05'2511 W	252.34	meters to corner	432
thence	N 73°47'2411 W	269.97	meters to corner	433
thence	S 67°12'3611 W	159.99	meters to corner	434
thence	s 52°23'2411 w	310.47	meters to corner	435
thence	s 58°56'2111 w	311.41	meters to corner	436
thence	s 00°48'1711 w	379.56	meters to corner	437
thence	s 10°09'36" w	310.33	meters to corner	438
thence	N 29°36'1611 W	67.84	meters to corner	439
thence	N 46°32'43" W	167.98	meters to corner	440
thence	s 53°07'5611 w	187.21	meters to corner	441
thence	s 62°05'5811 w	416.82	meters to corner	442
thence	N 30°49'3011 W	410.21	meters to corner	443
thence	N 26°09'4111 W	206.20	meters to corner	444
thence	s 43°43'0211 w	379.70	meters to corner	445
thence	s 43°06'1311 w	315.62	meters to corner	446
thence	N 40°14'12" W	233.27	meters to corner	447
thence	s 57°53'40" w	497.37	meters to corner	448
thence	N 41 °47'2611 W	219.98	meters to corner	449
thence	s 86°12'3511 w	279.98	meters to corner	450
thence	N 55°47'25" W	389.97	meters to corner	451
thence	N 11°12'35" E	289.98	meters to corner	452
thence	s 87°51'20" w	350.74	meters to corner	453
thence	s 34°51'20" w	255.54	meters to corner	454
thence	s 57°51'20" w	160.34	meters to corner	455
thence	N 73°08'40" W	190.40	meters to corner	456
thence	N 42°08'40" W	250.53	meters to corner	457
thence	N 74°47'2511 W	296.84	meters to corner	458
thence	N 23°12'35" E	159.99	meters to corner	459
thence	N 72°12'35" E	99.99	meters to corner	460
thence	N 09° 12'35" E	159.99	meters to corner	461
thence	s 50°47'25" E	239.96	meters to corner	462

thence	S 58°47'25" E	109.99	meters to corner	463
thence	N 03°47'25" W	199.99	meters to corner	464
thence	N 61°33'43" E	620.69	meters to corner	465
thence	N 84°47'24" W	379.97	meters to corner	466
thence	N 78°47'24" W	229.98	meters to corner	467
thence	s 64°12'36" w	339.98	meters to corner	468
thence	s 57°12'36" w	239.98	meters to corner	469
thence	s 83°12'36" w	169.99	meters to corner	470
thence	s 46°12'35" w	149.99	meters to corner	471
thence	s 44°12'36" w	99.99	meters to corner	472
thence	s 25°12'35" w	99.99	meters to corner	473
thence	N 47°47'25" W	524.97	meters to corner	474
thence	N 10°47'24" W	709.95	meters to corner	475
thence	N 76°12'37" E	239.98	meters to corner	476
thence	N 49°12'37"E	269.98	meters to corner	477
thence	N 03°12'37" E	179.99	meters to corner	478
thence	N 70°12'37" E	189.99	meters to corner	479
thence	N 00°47'23" W	199.99	meters to corner	480
thence	N 35°47'23" W	209.99	meters to corner	481
thence	N 11°12'38" E	414.97	meters to corner	482
thence	N 42°12'38"E	399.97	meters to corner	483
thence	N 02°20'17" W	167.34	meters to corner	484
thence	N 55°24'22" E	82.90	meters to corner	485
thence	N 39°10'06" E	71.21	meters to corner	486
thence	N 26°06'37" E	83.81	meters to corner	487
thence	S 82°47'21" E	269.98	meters to corner	488
thence	N 18°12'39" E	459.97	meters to corner	489
thence	N 44°12'39" E	259.98	meters to corner	490
thence	N 31°47'21" W	299.89	meters to corner	491
thence	s 69°48'51" w	160.54	meters to corner	492
thence	s 58°02'50" w	232.67	meters to corner	493
thence	N 02°30'29" E	130.50	meters to corner	494
thence	N 11°57'06" W	62.75	meters to corner	495
thence	N 47°01'51" W	77.81	meters to corner	496
thence	N 07°19'08" W	79.51	meters to corner	497
thence	N 19°50'21"W	48.23	meters to corner	498
thence	N 06°00'53" W	36.59	meters to corner	499
thence	N 34°59'42" W	25.65	meters to corner	500
thence	N 67°20'07" W	40.31	meters to corner	501
thence	N 34°25'19" W	27.33	meters to corner	502
thence	N 06°11'33" E	51.13	meters to corner	503
thence	N 12°28'33"E	31.14	meters to corner	504
thence	N 16°56'29" W	22.43	meters to corner	505
thence	N 63°20'44" W	24.98	meters to corner	506
thence	N 83°56'07" W	36.45	meters to corner	507
thence	N 47°29'04" W	33.76	meters to corner	508
thence	N 22°59'15" W	31.23	meters to corner	509
thence	N 00°12'40" E	38.10	meters to corner	510
thence	N 28°40'48" E	35.61	meters to corner	511
thence	N 40°53'10" E	44.65	meters to corner	512
thence	N 18°55'23" E	34.64	meters to corner	513

thence	N 12°39'50" W	37.99	meters to corner	514
thence	N 26°21'14" W	43.78	meters to corner	515
thence	N 54°57'51" W	44.48	meters to corner	516
thence	N 77°36'18" W	47.64	meters to corner	517
thence	N 25°00'46" W	70.77	meters to corner	518
thence	N 38° 13'34" W	42.56	meters to corner	519
thence	N 54°52'37" W	61.95	meters to corner	520
thence	N 40°37'45" W	41.27	meters to corner	521
thence	N 08°39'43" W	126.92	meters to corner	522
thence	N 05°42'18" W	102.67	meters to corner	523
thence	N 02°16'42" E	151.11	meters to corner	524
thence	N 11°41'13" E	107.72	meters to corner	525
thence	N 29°29'17" W	78.86	meters to corner	526
thence	N 01°51'15" W	83.15	meters to corner	527
thence	N 38°07'50" W	63.41	meters to corner	528
thence	N 75°47'19" W	204.99	meters to corner	529
thence	S 05°47'19" E	359.98	meters to corner	530
thence	s 05°12'41" w	359.98	meters to corner	531
thence	S 28°47'20" E	379.98	meters to corner	532
thence	S 11°47'20" E	303.21	meters to corner	533
thence	N 77°26'17" E	168.74	meters to corner	534
thence	S 39°19'11" E	211.99	meters to corner	535
thence	s 31°44'39" w	179.47	meters to corner	536
thence	S 26°47'21" E	269.98	meters to corner	537
thence	s 53°12'39" w	194.99	meters to corner	538
thence	s 59°12'39" w	179.99	meters to corner	539
thence	s 69°12'39" w	239.98	meters to corner	540
thence	s 25°12'39" w	329.98	meters to corner	541
thence	s 59°12'39" w	349.98	meters to corner	542
thence	N 32°47'21" W	149.99	meters to corner	543
thence	N 41°47'21" W	219.99	meters to corner	544
thence	N 57°47'21" W	189.99	meters to corner	545
thence	N 62°47'21" W	169.99	meters to corner	546
thence	s 73°12'39" w	149.99	meters to corner	547
thence	S 11°47'21" E	139.99	meters to corner	545
thence	S 11°47'21" E	169.99	meters to corner	549
thence	s 20°12'38" w	239.99	meters to corner	550
thence	s 25°12'38" w	159.99	meters to corner	551
thence	s 25°12'38" w	279.98	meters to corner	552
thence	s 25°12'38" w	239.99	meters to corner	553
thence	N 85°47'22" W	139.99	meters to corner	554
thence	N 68°47'22" W	249.99	meters to corner	555
thence	S 10°47'22" E	196.54	meters to corner	556
thence	s 70°03'2711 w	148.82	meters to corner	557
thence	s 85°22'51" w	61.85	meters to corner	558
thence	N 89°53'1211 W	182.48	meters to corner	559
thence	N 00°13'2811E	230.52	meters to corner	560
thence	N 74°27'3011 W	294.32	meters to corner	561
thence	N 50°32'23" E	372.86	meters to corner	562
thence	N 30°27'37" W	439.79	meters to corner	563
thence	N 35°27'3711 W	344.18	meters to corner	564

thence	N 04°12'39"E	394.98	meters to corner	565
thence	N 24°12'39" E	209.99	meters to corner	566
thence	N 32°12'4011 E	199.99	meters to corner	567
thence	N 07°47'2011 W	229.99	meters to corner	568
thence	N 24°47'2011 W	169.99	meters to corner	569
thence	N 11°47'2011 W	149.99	meters to corner	570
thence	N 61°03'50" W	203.63	meters to corner	571
thence	s 02°12'4011 w	100.00	meters to corner	572
thence	S 07°47'20" E	179.99	meters to corner	573
thence	S 04°47'2011 E	159.99	meters to corner	574
thence	s 12°12'40" w	209.99	meters to corner	575
thence	S 30°47'20" E	209.99	meters to corner	576
thence	s 33°11'4411 w	202.71	meters to corner	577
thence	s 44°27'2011 w	393.87	meters to corner	578
thence	N 85°39'31" W	275.77	meters to corner	579
thence	s 73°15'4611 w	189.56	meters to corner	580
thence	s 16°07'2811 w	323.36	meters to corner	581
thence	S 55°25'00" E	214.66	meters to corner	582
thence	s 24°20'00" w	379.78	meters to corner	583
thence	S21°47'22"E	289.99	meters to corner	584
thence	s 29°12'3811 w	219.99	meters to corner	585
thence	N 49°15'34" W	337.24	meters to corner	586
thence	s 80°25'47" w	514.81	meters to corner	587
thence	N 60°42'4011 W	365.70	meters to corner	588
thence	N 33°08'35" W	181.14	meters to corner	589
thence	N 33°08'35" W	215.51	meters to corner	590
thence	N85°04'26" W	196.24	meters to corner	591
thence	s 11°12'05" w	345.96	meters to corner	592
thence	N 58°35'23" W	420.11	meters to corner	593
thence	N 31°00'29" E	296.96	meters to corner	594
thence	N 59°29'55" E	141.29	meters to corner	595
thence	N 38°20'09" W	99.65	meters to corner	596
thence	N 22° 12'38" E	219.40	meters to corner	597
thence	N 51°50'49" W	118.76	meters to corner	598
thence	s 27°58'30" w	243.09	meters to corner	599
thence	s 84°43'51" w	178.29	meters to corner	600
thence	N 55°58'18" W	208.51	meters to corner	601
thence	N 12°36'29" E	295.01	meters to corner	602
thence	N 02°20'33" W	195.74	meters to corner	603
thence	N 23°25'01" W	329.65	meters to corner	604
thence	N 58°59'31" W	374.60	meters to corner	605
thence	N 24°40'42" E	481.05	meters to corner	606
thence	N 19°12'41" E	359.99	meters to corner	607
thence	N 18°47'19" W	209.99	meters to corner	608
thence	N 73°47'19" W	309.99	meters to corner	609
thence	N 29°47'19" W	289.99	meters to corner	610
thence	s 70°12'41" w	199.99	meters to corner	611
thence	S 09°47'19" E	309.99	meters to corner	612
thence	S 67°22'44" E	136.33	meters to corner	613
thence	s 68°11'45" w	235.29	meters to corner	614
thence	s 58°51'04" w	291.78	meters to corner	615

thence	N 58°13'23" W	350.53	meters to corner	616
thence	N 62°07'19" W	300.35	meters to corner	617
thence	N 63°37'16" W	925.03	meters to corner	618
thence	N 23°12'41" E	180.00	meters to corner	619
thence	N 48°14'08" W	356.90	meters to corner	620
thence	s 73°22'28" w	284.56	meters to corner	621
thence	N 72°47'18" W	294.99	meters to corner	622
thence	N 80°47'18" W	329.99	meters to corner	623
thence	s 75°12'42" w	399.99	meters to corner	624
thence	N 39°47'18" W	310.00	meters to corner	625
thence	N 55°44'21" W	378.17	meters to corner	626
thence	N 19°13'55" E	354.46	meters to corner	627
thence	N 38°56'43" W	349.10	meters to corner	628
thence	N 07°19'22" W	312.68	meters to corner	629
thence	s 74°14'21" w	262.15	meters to corner	630
thence	N 29°47'17" W	220.00	meters to corner	631
thence	s 41°12'43" w	160.00	meters to corner	632
thence	s 17°12'43" w	230.00	meters to corner	633
thence	S 07°47'17" E	620.00	meters to corner	634
thence	s 57°12'42" w	460.00	meters to corner	635
thence	s 62°12'42" w	260.00	meters to corner	636
thence	s 48°12'42" w	150.00	meters to corner	637
thence	S 07°47'18" E	180.00	meters to corner	638
thence	S 05°47'18" E	300.00	meters to corner	639
thence	S 12°47'19" E	430.00	meters to corner	640
thence	N 25°44'33" W	150.00	meters to corner	641
thence	N 42°14'38" W	164.75	meters to corner	642
thence	N 78°42'16" W	229.30	meters to corner	643
thence	N 26°46'42" W	300.39	meters to corner	644
thence	s 72°41'48" W	196.43	meters to corner	645
thence	s 20°32'51" W	227.56	meters to corner	646
thence	s 59°14'52" w	161.99	meters to corner	647
thence	N 35°50'25" W	82.63	meters to corner	648
thence	N 42°49'02" W	52.65	meters to corner	649
thence	N 06°12'41" E	210.00	meters to corner	650
thence	N 40°01'44" W	268.59	meters to corner	651
thence	s 29°32'32" W	246.69	meters to corner	652
thence	s 49°50'45" W	315.53	meters to corner	653
thence	N 54°44'27" W	136.15	meters to corner	654
thence	N 33°48'31" W	76.72	meters to corner	655
thence	s 65°37'42" w	35.36	meters to corner	656
thence	s 74°11'38" W	30.57	meters to corner	657
thence	s 08°46'25" w	75.40	meters to corner	658
thence	S 08°50'19" E	112.36	meters to corner	659
thence	s 77°59'41" W	124.29	meters to corner	660
thence	s 86°26'41" W	117.77	meters to corner	661
thence	N 10°22'44" E	260.60	meters to corner	662
thence	s 58°30'52" W	343.24	meters to corner	663
thence	N 49°47'19" W	244.25	meters to corner	664
thence	N 37°42'23" E	209.66	meters to corner	665
thence	N 58°13'36" E	157.33	meters to corner	666

thence	N 67°24'22.11" E	186.24	meters to corner	667
thence	N 34°29'28.11" W	252.45	meters to corner	668
thence	N 14°05'25.11" W	179.56	meters to corner	669
thence	s 80°21'41" w	353.68	meters to corner	670
thence	N 02°13'17" E	362.18	meters to corner	671
thence	N 48°13'33" E	202.18	meters to corner	672
thence	S 83°47'17" E	330.00	meters to corner	673
thence	S 60°30'30.11" E	270.89	meters to corner	674
thence	S 37°40'10" E	246.33	meters to corner	675
thence	N 69°52'50" E	179.56	meters to corner	676
thence	N 59°49'43" E	167.92	meters to corner	677
thence	N 42°02'52" W	183.73	meters to corner	678
thence	N 47°46'57" W	240.12	meters to corner	679
thence	N 45°20'36" W	151.47	meters to corner	680
thence	N 58°24'12" W	247.06	meters to corner	681
thence	N 69°12'14" W	231.91	meters to corner	682
thence	N 72°32'21" W	210.07	meters to corner	683
thence	N 51°23'58" W	332.67	meters to corner	684
thence	N 59°03'40" W	150.27	meters to corner	685
thence	N 66°30'56" W	316.91	meters to corner	686
thence	N 28°18'09" W	151.76	meters to corner	687
thence	N 66°46'08" E	235.70	meters to corner	688
thence	S 54°41'26" E	141.85	meters to corner	689
thence	N 36°47'42" E	158.68	meters to corner	690
thence	N 02° 13'36" E	179.73	meters to corner	691
thence	N 57°05'11" E	196.01	meters to corner	692
thence	N 14°21'52" W	116.63	meters to corner	693
thence	s 60°40'53" w	147.42	meters to corner	694
thence	N 48°08'09" W	215.40	meters to corner	695
thence	N 37°11'28" W	217.44	meters to corner	696
thence	N 32°15'56" W	230.18	meters to corner	697
thence	N 56°26'08" W	210.00	meters to corner	698
thence	N 46°47'15" W	160.00	meters to corner	699
thence	s 68° 12'45" w	71.95	meters to corner	700
thence	N 05°47'15" W	204.97	meters to corner	701
thence	N 21°47'15" W	150.00	meters to corner	702
thence	s 55°12'20" w	187.96	meters to corner	703
thence	N 23°45'23" W	117.54	meters to corner	704
thence	N 45°29'05" E	259.96	meters to corner	705
thence	N 21 °20'31" E	216.44	meters to corner	706
thence	S 86°22'41" E	268.91	meters to corner	707
thence	N 02°57'19" W	157.53	meters to corner	708
thence	N 81°25'58" W	133.83	meters to corner	709
thence	N 14°45'53" W	255.16	meters to corner	710
thence	N 53°24'51" E	153.20	meters to corner	711
thence	N 07° 18' 10" E	342.30	meters to corner	712
thence	N 07°11'24" E	320.04	meters to corner	713
thence	N 81 °49'07" E	118.48	meters to corner	714
thence	S 54°33'19" E	418.98	meters to corner	715
thence	S 15°28'27" E	376.74	meters to corner	716
thence	S 13°30'18" E	305.44	meters to corner	717

thence	s 43°31'06" w	200.74	meters to corner	718
thence	s 23°22'29" w	110.18	meters to corner	719
thence	S 71°21'49" E	413.66	meters to corner	720
thence	S 41°47'14" E	320.00	meters to corner	721
thence	S 37°47'15" E	200.00	meters to corner	722
thence	S 49°47'15" E	270.00	meters to corner	723
thence	N 52°12'45" E	150.00	meters to corner	724
thence	N 49°34'39.11 W	197.95	meters to corner	725
thence	N 23°47'14" W	330.00	meters to corner	726
thence	N 28°47'14" W	400.00	meters to corner	727
thence	N 17°04'36" W	437.36	meters to corner	728
thence	N 31°40'39.11 W	392.69	meters to corner	729
thence	N 04°21'35" W	241.80	meters to corner	730
thence	N 81°29'26" E	531.36	meters to corner	731
thence	S 50°40'46" E	327.73	meters to corner	732
thence	S 58°50'42" E	243.37	meters to corner	733
thence	N 81°12'47" E	177.50	meters to corner	734
thence	N 29°34'15" E	282.04	meters to corner	735
thence	N 57°30'05" E	172.97	meters to corner	736
thence	S 23°37'48" E	353.84	meters to corner	737
thence	N 35°22'12" E	326.62	meters to corner	738
thence	N 27°22'13" E	462.71	meters to corner	739
thence	N 57°22'13" E	571.58	meters to corner	740
thence	N 22°37'47" W	199.60	meters to corner	741
thence	N 84°12'48" E	200.00	meters to corner	742
thence	S 52°47'12" E	320.00	meters to corner	743
thence	S 52°47'12" E	390.00	meters to corner	744
thence	S 26°47'12" E	200.00	meters to corner	745
thence	S 58°47'13" E	1149.99	meters to corner	746
thence	S 76°42'47" E	2000.03	meters to corner	747
thence	S 78°41'05" E	147.87	meters to corner	748
thence	N 47°12'47" E	319.99	meters to corner	749
thence	N 29°12'47" E	599.98	meters to corner	750
thence	N 36°12'47" E	170.00	meters to corner	751
thence	N 54°12'48" E	329.99	meters to corner	752
thence	S 65°47'12" E	179.99	meters to corner	753
thence	S 83°47'12" E	279.99	meters to corner	754
thence	S 88°47'12" E	179.99	meters to corner	755
thence	S 85°47'12" E	159.99	meters to corner	756
thence	S 68°39'15" E	298.99	meters to corner	757
thence	S 71°39'15" E	221.83	meters to corner	758
thence	S 71°39'15" E	221.83	meters to corner	759
thence	S 73°39'16" E	192.90	meters to corner	760
thence	S 68°39'16" E	318.28	meters to corner	761
thence	N 66°20'44" E	154.32	meters to corner	762
thence	N 41°20'45.11 E	125.38	meters to corner	763
thence	N 44°20'44" E	144.67	meters to corner	764
thence	N 10°20'45" E	231.48	meters to corner	765
thence	N 25°25'54" W	239.54	meters to corner	766
thence	N   7°34'11.411 W	318.08	meters to corner	767
thence	N 44°47'12" W	190.37	meters to corner	768

thence	N 08°36'49" W	273.10	meters to corner	769
thence	N 02°16'20" E	194.43	meters to corner	770
thence	N 76°27'26" W	151.64	meters to corner	771
thence	N 28°12'49" E	449.98	meters to corner	772
thence	N 73°43'38" E	224.27	meters to corner	773
thence	N 83°06'00" E	354.91	meters to corner	774
thence	N 80°13'13" W	263.24	meters to corner	775
thence	N 67°16'58" W	73.58	meters to corner	776
thence	N 78°40'42" W	89.06	meters to corner	777
thence	s 88°06'30" w	108.02	meters to corner	778
thence	s 78°30'05" w	132.94	meters to corner	779
thence	s 56°15'17" w	140.67	meters to corner	780
thence	s 46°56'58" w	111.18	meters to corner	781
thence	S 17°14'03"W	81.35	meters to corner	782
thence	s 41°37'01" w	98.41	meters to corner	783
thence	S 00°12'49" W	95.25	meters to corner	784
thence	s 37°57'04" w	107.79	meters to corner	785
thence	N 78°51'49" W	191.25	meters to corner	786
thence	s 50°24'52" w	247.41	meters to corner	787
thence	s 35°28'47" w	254.78	meters to corner	788
thence	s 11°03'19" w	246.43	meters to corner	789
thence	S 53°14'51" E	170.99	meters to corner	790
thence	s 78°01'56" w	257.68	meters to corner	791
thence	s 64°57'09" w	861.46	meters to corner	792
thence	N 28°50'58" W	57.27	meters to corner	793
thence	N 36°03'30" W	57.02	meters to corner	794
thence	N 46°36'53" W	43.99	meters to corner	795
thence	N 58°02'51" W	37.72	meters to corner	796
thence	N 78°28'36" W	28.67	meters to corner	797
thence	s 69°51'36" w	21.87	meters to corner	798
thence	s 54°20'49" w	24.65	meters to corner	799
thence	s 79°47'39" w	22.36	meters to corner	800
thence	N 86°09'55" W	26.18	meters to corner	801
thence	N 63°13'18" W	29.58	meters to corner	802
thence	N 64°19'26" W	39.78	meters to corner	803
thence	N 67°26'45" W	23.75	meters to corner	804
thence	s 85°34'40" w	24.55	meters to corner	805
thence	s 63°28'09" w	28.35	meters to corner	806
thence	s 49°42'55" w	42.38	meters to corner	807
thence	s 22°13'29" w	53.65	meters to corner	808
thence	S 14°43'05" E	41.07	meters to corner	809
thence	s 24°46'50" w	40.73	meters to corner	810
thence	s 11°31'24" w	32.38	meters to corner	811
thence	S 29°24'38" E	31.05	meters to corner	812
thence	S 00°12'48" W	32.81	meters to corner	813
thence	s 19°32'53" w	63.93	meters to corner	814
thence	s 35°49'20" w	57.33	meters to corner	815
thence	s 52°26'40" w	32.38	meters to corner	816
thence	s 71°12'53" w	34.40	meters to corner	817
thence	s 72°58'49" w	28.56	meters to corner	818
thence	s 69°56'38" w	35.07	meters to corner	819

thence	s 52°23'06" w	35.59	meters to corner	820
thence	s 35°12'19" w	56.52	meters to corner	821
thence	s 62°25'22" w	27.66	meters to corner	822
thence	N 89°47'13" W	36.05	meters to corner	823
thence	N 85°50'30" W	28.84	meters to corner	824
thence	s 69°59'18" w	26.79	meters to corner	825
thence	s 43°18'47" w	49.37	meters to corner	826
thence	s 64°22'49" w	46.30	meters to corner	827
thence	N 87°50'20" W	48.64	meters to corner	828
thence	s 85°30'40" w	39.14	meters to corner	829
thence	s 38°18'46" w	36.98	meters to corner	830
thence	s 21°01'31" w	33.82	meters to corner	831
thence	s 05°14'56" w	44.87	meters to corner	832
thence	s 21°00'26" w	55.90	meters to corner	833
thence	s 03°30'08" w	57.64	meters to corner	834
thence	S 07°38'25" E	77.45	meters to corner	835
thence	s 22°10'03" w	92.00	meters to corner	836
thence	s 09°33'03" w	70.12	meters to corner	837
thence	s 36°55'00" w	133.81	meters to corner	838
thence	S 00°36'48" E	110.08	meters to corner	839
thence	s 31°16'38" w	86.56	meters to corner	840
thence	N 76°42'47" W	2000.03	meters to corner	841
thence	N 27°12'47" E	300.00	meters to corner	842
thence	N 58°36'11" W	112.26	meters to corner	843
thence	N 54°50'26" W	109.37	meters to corner	844
thence	N 62°11'57" W	184.09	meters to corner	845
thence	N 66°25'52" W	253.61	meters to corner	846
thence	N 43°10'07" W	165.64	meters to corner	847
thence	N 50°54'08" W	158.05	meters to corner	848
thence	N 27°53'52" W	88.14	meters to corner	849
thence	N 15°56'30" W	59.00	meters to corner	850
thence	N 47°57'59.11 W	53.96	meters to corner	851
thence	N 74°00'09.11 W	45.23	meters to corner	852
thence	s 74°53'39" w	41.56	meters to corner	853
thence	s 58°08'26" w	39.23	meters to corner	854
thence	N 86°53'51.11 W	41.13	meters to corner	855
thence	s 86°06'27" w	45.67	meters to corner	856
thence	N 23°22'46" E	111.86	meters to corner	857
thence	N 51°37'14" W	447.90	meters to corner	858
thence	N 27°37'13" W	214.99	meters to corner	859
thence	N 35°12'49" E	140.00	meters to corner	860
thence	S 83°47'11" E	230.00	meters to corner	861
thence	N 89°12'49" E	190.00	meters to corner	862
thence	N 60°12'49" E	250.00	meters to corner	863
thence	N 28°47'11" W	220.00	meters to corner	864
thence	s 82°12'49" w	60.00	meters to corner	865
thence	s 73°12'49" w	160.00	meters to corner	866
thence	N 81°47'11" W	190.00	meters to corner	867
thence	s 15°01'32" w	141.65	meters to corner	868
thence	N 85°22'44" W	90.21	meters to corner	869
thence	s 86°54'42" w	68.91	meters to corner	870

thence	s 81°24'15" w	68.39	meters to corner	871
thence	s 59°25'24" w	56.21	meters to corner	872
thence	s 50°29'03" w	63.65	meters to corner	873
thence	s 48°04'46" w	55.89	meters to corner	874
thence	s 52°38'22" w	83.33	meters to corner	875
thence	s 62°34'25" w	68.26	meters to corner	876
thence	s 55°48'12" w	46.97	meters to corner	877
thence	s 45°59'54.11 w	51.22	meters to corner	878
thence	s 24°08'52" w	50.58	meters to corner	879
thence	N 38°47'11" W	366.21	meters to corner	880
thence	N 23°12'49" E	200.00	meters to corner	881
thence	s 85°12'49" w	130.00	meters to corner	882
thence	s 21°12'28" w	137.13	meters to corner	883
thence	N 65°47'11" W	150.00	meters to corner	884
thence	s 63°12'49" w	190.00	meters to corner	885
thence	s 42°12'49" w	130.00	meters to corner	886
thence	s 01°12'49" w	100.00	meters to corner	887
thence	s 28°12'49" w	220.00	meters to corner	888
thence	S 28°47'12" E	120.00	meters to corner	889
thence	S23°47'11"E	50.00	meters to corner	890
thence	s 19°24'07" w	104.99	meters to corner	891
thence	s 82°06'29" w	150.84	meters to corner	892
thence	N 85°47'12" W	180.00	meters to corner	893
thence	s 76°12'48.11 w	380.00	meters to corner	894
thence	N 17°51'46.11 W	122.82	meters to corner	895
thence	s 57°16'33" w	455.12	meters to corner	896
thence	N 58°58'12.11 W	433.13	meters to corner	897
thence	N 66°34'38" W	177.51	meters to corner	898
thence	s 66°12'48.11 w	140.00	meters to corner	899
thence	s 44°12'48.11 w	160.00	meters to corner	900
thence	s 38°12'48.11 w	140.00	meters to corner	901
thence	N 66°51'19.11 W	233.89	meters to corner	902
thence	N 50°51'11.11 W	12.90	meters to corner	903
thence	s 86°14'48.11 w	289.96	meters to corner	904
thence	s 65°00'48" w	405.84	meters to corner	905
thence	N 34°36'54.11 W	156.72	meters to corner	906
thence	N 38°40'46" W	191.64	meters to corner	907
thence	s 09°56'19" w	258.08	meters to corner	908
thence	s 35°07'30" w	465.88	meters to corner	909
thence	s 36°21'27" w	401.85	meters to corner	910
thence	N 62°53'12.11 W	231.05	meters to corner	911
thence	N 70°34'08" W	275.78	meters to corner	912
thence	s 30°10'06" w	225.42	meters to corner	913
thence	N 49°04'35" W	187.13	meters to corner	914
thence	N 49°15'13" W	176.27	meters to corner	915
thence	N 47°55'13.11 W	14.75	meters to corner	916
thence	N 46°52'12" W	168.54	meters to corner	917
thence	s 44°25'47.11 w	396.94	meters to corner	918
thence	s 89°50'47.11 w	548.63	meters to corner	919
thence	N 42°34'13.11 W	16.83	meters to corner	920
thence	N 52°37'13.11 W	461.94	meters to corner	921

thence	N 17°35'1211 W	443.31	meters to corner	922
thence	N 31 °20'1211 W	449.02	meters to corner	923
thence	N 20°45'12" W	16.34	meters to corner	924
thence	N 36°10'49" E	414.77	meters to corner	925
thence	N 40°27'1311 E	442.74	meters to corner	926
thence	N 70°12'49" E	220.01	meters to corner	927
thence	N 09°47'11" W	170.01	meters to corner	928
thence	N 06°47'10" W	160.01	meters to corner	929
thence	N 47°12'5011 E	170.01	meters to corner	930
thence	N 10°12'5011 E	220.01	meters to corner	931
thence	N 15°12'5011 E	210.01	meters to corner	932
thence	N 20°47'09" W	310.01	meters to corner	933
thence	N 50°12'51" E	170.01	meters to corner	934
thence	N53°12'51" E	270.01	meters to corner	935
thence	N 55°12'51" E	340.01	meters to corner	936
thence	N 10°12'51" E	180.01	meters to corner	937
thence	N 12°12'51" E	230.01	meters to corner	938
thence	N 71 °12'52" E	260.01	meters to corner	939
thence	N 77°12'52" E	250.01	meters to corner	940
thence	S 58°47'08" E	210.01	meters to corner	941
thence	S 43°47'08" E	240.01	meters to corner	942
thence	S 32°47'09" E	260.01	meters to corner	943
thence	S 58°47'09"E	220.00	meters to corner	944
thence	S 08°47'09"E	170.00	meters to corner	945
thence	s 70°12'51" w	240.01	meters to corner	946
thence	S 44°47'09" E	230.01	meters to corner	947
thence	N 49°12'51" E	210.00	meters to corner	948
thence	N 49°12'51" E	250.01	meters to corner	949
thence	N 37°47'09" W	240.00	meters to corner	950
thence	N 18°47'09" W	170.00	meters to corner	951
thence	N 60°47'09" W	170.00	meters to corner	952
thence	N 62°47'09" W	230.01	meters to corner	953
thence	N 32°12'52" E	200.00	meters to corner	954
thence	N 78°47'08" W	230.01	meters to corner	955
thence	N 79°47'08" W	230.01	meters to corner	956
thence	N 69°47'08" W	210.01	meters to corner	957
thence	N 89°47'08" W	130.00	meters to corner	958
thence	s 66°12'52" w	350.01	meters to corner	959
thence	N 24°12'52" E	190.01	meters to corner	960
thence	N 45°12'52" E	200.01	meters to corner	961
thence	N 63°12'52" E	240.01	meters to corner	962
thence	N 07°12'52" E	260.01	meters to corner	963
thence	N 32°47'07" W	190.01	meters to corner	964
thence	N 12°47'07" W	410.01	meters to corner	965
thence	s 31 °12'53" w	430.01	meters to corner	966
thence	s 81°12'53" w	200.01	meters to corner	967
thence	s 46° 12'53" w	210.01	meters to corner	968
thence	N 62°47'07" W	300.01	meters to corner	969
thence	s 65°12'53" w	140.00	meters to corner	970
thence	S 04°47'07" E	200.01	meters to corner	971
thence	S 39°47'08" E	250.01	meters to corner	972

thence	S 04°47'08" E	210.01	meters to corner	973
thence	s 38°12'52" w	210.01	meters to corner	974
thence	N 60°47'08" W	330.01	meters to corner	975
thence	N 84°47'08" W	110.00	meters to corner	976
thence	S 19°47'08" E	180.01	meters to corner	977
thence	S27°47'06" E	250.01	meters to corner	978
thence	s 81°12'51" w	120.00	meters LO corner	979
thence	S 22°47'09" E	170.01	meters to corner	980
thence	s 08°12'51" w	330.01	meters to corner	981
thence	s 29°12'51" w	260.01	meters to corner	982
thence	S 02°47'09" E	250.01	meters to corner	983
thence	s 66°12'50" w	300.01	meters to corner	984
thence	s 35°12'50" w	230.01	meters to corner	985
thence	S 04°58'57" E	169.41	meters to corner	986
thence	s 36°49'50" w	403.75	meters to corner	987
thence	s 41°34'49" w	410.85	meters to corner	988
thence	s 66°12'49" w	260.01	meters to corner	989
thence	N 21°47'11" W	70.00	meters to corner	990
thence	N 20°12'49" E	200.01	meters to corner	991
thence	N 82°47'11" W	100.00	meters to corner	992
thence	s 70° 12'49" w	150.01	meters to corner	993
thence	N 29°47'11" W	220.01	meters to corner	994
thence	s 87°49'33" w	311.06	meters to corner	995
thence	S 38°47'11" E	320.01	meters to corner	996
thence	S 38°47'11"E	32.00	meters to corner	997
thence	S 50° 12'49" W	250.01	meters to corner	998
thence	s 46°12'49" w	70.00	meters to corner	999
thence	N 72°47'11" W	140.01	meters to corner	1000
thence	s 20°12'49" w	130.01	meters to corner	1001
thence	s 13°12'49" w	180.01	meters to corner	1002
thence	S 16°47'11" E	190.01	meters to corner	1003
thence	S 18°30'58" E	861.20	meters to corner	1004
thence	s 39°02'32" w	19.80	meters to corner	1005
thence	s 39°02'31" w	294.05	meters to corner	1006
thence	s 22°12'47" w	210.01	meters to corner	1007
thence	s 82°12'47" w	180.01	meters to corner	1008
thence	N 42°47' 13" W	260.01	meters to corner	1009
thence	N 51°12'47"E	200.01	meters to corner	1010
thence	N 24°47'13" W	180.01	meters to corner	1011
thence	N 39°12'48" E	110.01	meters to corner	1012
thence	N 74°47'12" W	120.01	meters to corner	1013
thence	N 11°12'47" E	70.00	meters to corner	1014
thence	N 68°47'12" W	70.00	meters to corner	1015
thence	s 56°12'48" w	70.00	meters to corner	1016
thence	N 76°47'12" W	150.01	meters to corner	1017
thence	s 50°12'48" w	210.01	meters to corner	1018
thence	N 57°47'12" W	250.01	meters to corner	1019
thence	N 43°12'48" E	240.01	meters to corner	1020
thence	N 39°47'12" W	70.00	meters to corner	1021
thence	s 47°12'48" w	300.01	meters to corner	1022
thence	N 64°25'45" W	379.38	meters to corner	1023

thence	N 61°25'45" W	208.05	meters to corner	1024
thence	s 76°12'48" w	230.01	meters to corner	1025
thence	N 61°47'12" W	50.00	meters to corner	1026
thence	N 33°12'48" E	230.01	meters to corner	1027
thence	N 44°12'49" E	300.02	meters to corner	1028
thence	N 08°12'49" E	270.01	meters to corner	1029
thence	N 83°47'11" W	200.01	meters to corner	1030
thence	s 42°12'49" w	150.01	meters to corner	1031
thence	s 36°12'49" w	200.01	meters to corner	1032
thence	N 55°47'11" W	330.02	meters to corner	1033
thence	N 08°12'49" E	310.02	meters to corner	1034
thence	N 64°47'11" W	110.01	meters to corner	1035
thence	N 68°12'49" E	280.02	meters to corner	1036
thence	N 53°12'49" E	220.01	meters to corner	1037
thence	N 20°47'11" W	130.01	meters to corner	1038
thence	N 51°47'10" W	220.01	meters to corner	1039
thence	s 72°20'59" w	316.00	meters to corner	1040
thence	N 51°47'10" W	180.01	meters to corner	1041
thence	N 09°47'10" W	230.01	meters to corner	1042
thence	N 63°47'10" W	240.01	meters to corner	1043
thence	N 64°47'10" W	250.01	meters to corner	1044
thence	N 58°12'50" E	300.02	meters to corner	1045
thence	N 87°47'10" W	370.02	meters to corner	1046
thence	N 08°12'51" E	260.02	meters to corner	1047
thence	N 06°12'51" E	270.02	meters to corner	1048
thence	N 23°12'51" E	250.02	meters to corner	1049
thence	N 30°12'51" E	300.02	meters to corner	1050
thence	N 71°18'16" E	528.29	meters to corner	1051
thence	N 08°50'47" E	555.33	meters to corner	1052
thence	N 70°06'47" E	107.06	meters to corner	1053
thence	N 57°26'40" E	89.22	meters to corner	1054
thence	N 60°23'37"E	215.82	meters to corner	1055
thence	N 43°03'19" E	165.53	meters to corner	1056
thence	N 21°32'58" E	209.46	meters to corner	1057
thence	N 11°10'19" E	222.70	meters to corner	1058
thence	N 44°24'17" E	118.74	meters to corner	1059
thence	s 85°11'13" w	339.31	meters to corner	1060
thence	s 21°13'15" w	109.86	meters to corner	1061
thence	N 83°10'49" W	101.22	meters to corner	1062
thence	s 29°58'31" w	183.55	meters to corner	1063
thence	N 36°39'36" W	247.81	meters to corner	1064
thence	N 60°18'34" W	223.70	meters to corner	1065
thence	s 86°18'53" w	198.53	meters to corner	1066
thence	S 03°32'36" E	206.97	meters to corner	1067
thence	s 32°23'02" w	250.71	meters to corner	1068
thence	s 66°37'57" w	154.40	meters to corner	1069
thence	S 51°33'40" E	228.36	meters to corner	1070
thence	S 32°41'09" E	246.18	meters to corner	1071
thence	s 34°48'34" w	147.88	meters to corner	1072
thence	N 82°57'37" W	191.60	meters to corner	1073
thence	s 74°23'43" w	165.01	meters to corner	1074

thence	s 43°14'55" w	217.09	meters to corner	1075
thence	s 52°00'59" w	200.79	meters to corner	1076
thence	s 47°00'59" w	237.29	meters to corner	1077
thence	s 33°00'59" w	246.42	meters to corner	1078
thence	N 71°47'09" W	110.01	meters to corner	1079
thence	N 25°47'08" W	320.02	meters to corner	1080
thence	N 17°47'08" W	270.02	meters to corner	1081
thence	N 78°47'08" W	140.01	meters to corner	1082
thence	N 53°47'08" W	320.02	meters to corner	1083
thence	N 13°47'07" W	240.02	meters to corner	1084
thence	N 50° 12'53" E	190.01	meters to corner	1085
thence	N 11°12'53" E	400.03	meters to corner	1086
thence	s 77°12'53" w	290.02	meters to corner	1087
thence	s 14°12'53" w	270.02	meters to corner	1088
thence	s 28°12'53" w	280.02	meters to corner	1089
thence	N 68°47'07" W	140.01	meters to corner	1090
thence	N 55°47'07" W	210.01	meters to corner	1091
thence	N 08°47'07" W	340.02	meters to corner	1092
thence	N 61°47'07" W	230.02	meters to corner	1093
thence	N 01°47'07" W	320.02	meters to corner	1094
thence	s 74°12'54" w	140.01	meters to corner	1095
thence	s 66°12'54" w	210.02	meters to corner	1096
thence	N 40°47'06" W	290.02	meters to corner	1097
thence	N 54°47'06" W	440.03	meters to corner	1098
thence	N 41°47'06" W	200.02	meters to corner	1099
thence	N 44° 12'54" E	430.03	meters to corner	1100
thence	N 65°47'05" W	310.02	meters to corner	1101
thence	s 30°12'55" w	300.02	meters to corner	1102
thence	N 61 °47'06" W	260.02	meters to corner	1103
thence	N 12°47'05" W	210.02	meters to corner	1104
thence	N 77°47'05" W	160.01	meters to corner	1105
thence	N 35°47'05" W	240.02	meters to corner	1106
thence	N 42°47'05" W	140.01	meters to corner	1107
thence	s 47°12'55" w	160.01	meters to corner	1108
thence	S 20°47'05" E	370.03	meters to corner	1109
thence	S 74°47'05" E	250.02	meters to corner	1110
thence	s 09°12'54" w	200.02	meters to corner	1111
thence	S 29°47'06" E	220.02	meters to corner	1112
thence	S 70°47'06" E	260.02	meters to corner	1113
thence	s 05°12'54" w	230.02	meters to corner	1114
thence	S 41°47'06" E	440.03	meters to corner	1115
thence	S 10°47'07" E	280.02	meters to corner	1116
thence	S 44°47'07" E	290.02	meters to corner	1117
thence	S 33°47'07" E	190.01	meters to corner	1118
thence	S 79°47'07" E	210.02	meters to corner	1119
thence	S 83°47'07" E	200.01	meters to corner	1120
thence	S 15°47'08" E	340.02	meters to corner	1121
thence	S 19°47'08" E	290.02	meters to corner	1122
thence	S 55°47'08" E	280.02	meters to corner	1123
thence	S 62°47'08" E	170.01	meters to corner	1124
thence	N 73°12'52" E	100.01	meters to corner	1125

thence	S 07°47'08" E	240.02	meters to corner	1126
thence	S 45°47'09" E	200.01	meters to corner	1127
thence	N 63°12'51" E	110.01	meters to corner	1128
thence	S 36°47'09" E	230.02	meters to corner	1129
thence	S 28°47'09" E	190.01	meters to corner	1130
thence	s 31°12'51" w	100.01	meters to corner	1131
thence	N 69°47'09" W	220.02	meters to corner	1132
thence	s 25°12'51" w	260.02	meters to corner	1133
thence	s 79°12'51" w	90.01	meters to corner	1134
thence	s 88°12'51" w	220.02	meters to corner	1135
thence	s 85°12'51" w	350.03	meters to corner	1136
thence	s 68°12'51" w	160.01	meters to corner	1137
thence	s 72°12'50" w	170.01	meters to corner	1138
thence	N 79°47'10" W	210.02	meters to corner	1139
thence	N 82°47'09" W	240.02	meters to corner	1140
thence	S 29°47'10" E	300.02	meters to corner	1141
thence	N 77°12'50" E	230.02	meters to corner	1142
thence	S 86°47'10" E	240.02	meters to corner	1143
thence	S 72°47'10" E	210.02	meters to corner	1144
thence	s 57°12'50" w	150.01	meters to corner	1145
thence	s 52°12'50" w	210.02	meters to corner	1146
thence	s 35°12'50" w	260.02	meters to corner	1147
thence	S 71°47'10" E	430.03	meters to corner	1148
thence	s 38°12'49" w	230.02	meters to corner	1149
thence	s 19°12'49" w	350.03	meters to corner	1150
thence	s 24°12'49" w	250.02	meters to corner	1151
thence	s 49°12'49" w	200.02	meters to corner	1152
thence	s 49°12'48" w	80.01	meters to corner	1153
thence	s 11°12'49" w	100.01	meters to corner	1154
thence	N 47°47'12" W	120.01	meters to corner	1155
thence	s 30°12'48" w	250.02	meters to corner	1156
thence	s 55°12'48" w	300.02	meters to corner	1157
thence	N 37°47'12" W	140.01	meters to corner	1158
thence	N 00°12'48" E	140.01	meters to corner	1159
thence	s 71°12'48" w	170.01	meters to corner	1160
thence	s 87°12'48" w	200.02	meters to corner	1161
thence	s 35°12'48" w	200.02	meters to corner	1162
thence	s 86°12'48" w	250.02	meters to corner	1163
thence	N 24°58'44" W	1726.18	meters to corner	1164
thence	N 00°45'59" E	127.93	meters to corner	1165
thence	N 42°26'46" E	352.74	meters to corner	1166
thence	N 84°06'55" W	351.64	meters to corner	1167
thence	N 05°50'01" W	337.78	meters to corner	1168
thence	N 39°12'15" E	290.05	meters to corner	1169
thence	N 57°16'30" E	302.74	meters to corner	1170
thence	N 81°24'00" E	304.67	meters to corner	1171
thence	N 72°38'19" E	142.13	meters to corner	1172
thence	N 15°13'18" E	217.79	meters to corner	1173
thence	N 31°26'45" W	360.09	meters to corner	1174
thence	N 43°12'04" E	248.01	meters to corner	1175
thence	N 00°04'31" E	200.54	meters to corner	1176

thence	N 28°53'35" E	156.31	meters to corner	1177
thence	N 67°52'47" E	334.74	meters to corner	1178
thence	N 11°01'32" W	326.59	meters to corner	1179
thence	s 76°58'47" w	333.22	meters to corner	1180
thence	N 89°47'27" W	281.35	meters to corner	1181
thence	N 83°17'36" W	247.98	meters to corner	1182
thence	N 86°39'32" W	422.49	meters to corner	1183
thence	s 55°09'07" w	230.51	meters to corner	1184
thence	s 26°30'59" w	306.35	meters to corner	1185
thence	s 57°42'27" w	357.14	meters to corner	1186
thence	s 89°41'08" w	178.60	meters to corner	1187
thence	N 50°52'34" W	255.15	meters to corner	1188
thence	s 40°22'19" w	166.79	meters to corner	1189
thence	s 59°10'21" w	111.94	meters to corner	1190
thence	s 47°52'40" w	304.19	meters to corner	1191
thence	N 76°05'45" W	279.92	meters to corner	1192
thence	s 28°01'33" w	332.52	meters to corner	1193
thence	S 29°43'49"E	186.31	meters to corner	1194
thence	s 71°28'14" w	199.66	meters to corner	1195
thence	s 54°25'34" w	179.35	meters to corner	1196
thence	s 66°02'35" w	95.59	meters to corner	1197
thence	s 75°36'33" w	166.72	meters to corner	1198
thence	N 13°23'28" W	213.56	meters to corner	1199
thence	N 17°38'34" W	71.85	meters to corner	1200
thence	N 53°15'45" W	95.61	meters to corner	1201
thence	N 47°19'52" E	71.45	meters to corner	1202
thence	N 40°48'08" W	184.10	meters to corner	1203
thence	N 49°55'08" W	139.12	meters to corner	1204
thence	N 47°32'52" E	305.75	meters to corner	1205
thence	N 20°00'52" E	84.38	meters to corner	1206
thence	N 52°53'52" E	196.95	meters to corner	1207
thence	N 24°06'07" W	59.83	meters to corner	1208
thence	N 29°42'53" E	269.01	meters to corner	1209
thence	N 01 °27'07" W	174.83	meters to corner	1210
thence	N 51°53'07" W	198.70	meters to corner	1211
thence	s 44°31'34" w	64.50	meters to corner	1212
thence	N 22°11'10" W	83.17	meters to corner	1213
thence	N 22°50'25" E	205.93	meters to corner	1214
thence	N 11°05'53" E	96.77	meters to corner	1215
thence	N 16°22'06" E	56.90	meters to corner	1216
thence	N 06°07'10" E	153.65	meters to corner	1217
thence	s 73°13'09" w	99.09	meters to corner	1218
thence	N 52°41'34" W	180.32	meters to corner	1219
thence	s 79°17'26" w	99.74	meters to corner	1220
thence	S 03° 13'40" E	76.36	meters to corner	1221
thence	s 00°14'16" w	138.78	meters to corner	1222
thence	s 84°29'32" w	267.40	meters to corner	1223
thence	S 14°13'18" E	116.49	meters to corner	1224
thence	S 73°42'43" E	71.58	meters to corner	1225
thence	s 43°09'35" w	179.80	meters to corner	1226
thence	s 85°23'00" w	90.50	meters to corner	1227

thence	s 25°42'00" w	103.02	meters to corner	1228
thence	S 42°54'13" E	105.10	meters to corner	1229
thence	S 09°08'57" E	159.70	meters to corner	1230
thence	S 16°23'00" E	58.86	meters to corner	1231
thence	s 82°24'51" w	182.21	meters to corner	1232
thence	S 03°19'39" E	196.06	meters to corner	1233
thence	s 88°19'10" w	322.69	meters to corner	1234
thence	N 78°30'15" W	38.97	meters to corner	1235
thence	s 88°41'03" w	387.33	meters to corner	1236
thence	s 72°59'29" w	144.28	meters to corner	1237
thence	s 77°11'32" w	131.89	meters to corner	1238
thence	S 47°38'22" W	215.19	meters to corner	1239
thence	S 01°04'30" E	164.04	meters to corner	1240
thence	s 01°42'56" w	216.09	meters to corner	1241
thence	s 01°39'15"E	183.89	meters to corner	1242
thence	S 00°04'06" E	187.33	meters to corner	1243
thence	s 03°33'34" w	44.65	meters to corner	1244
thence	s 03°23'28" w	171.85	meters to corner	1245
thence	s 02°40'38" w	213.36	meters to corner	1246
thence	S 01°25'41" E	204.52	meters to corner	1247
thence	S 01°33'53" E	146.57	meters to corner	1248
thence	s 63°55'22" w	108.74	meters to corner	1249
thence	s 46°54'55" w	113.44	meters to corner	1250
thence	s 20°19'02" w	86.23	meters to corner	1251
thence	s 19°57'39" w	87.72	meters to corner	1252
thence	s 54°36'53" w	57.28	meters to corner	1253
thence	N 78°50'38" W	80.85	meters to corner	1254
thence	N 78°42'13" W	104.62	meters to corner	1255
thence	N 54°59'24" W	76.05	meters to corner	1256
thence	N 57°33'53" W	74.44	meters to corner	1257
thence	N 86°38'42" W	86.92	meters to corner	1258
thence	N 63°13'16" W	76.92	meters to corner	1259
thence	N 72°17'07" W	61.60	meters to corner	1260
thence	N 41°37'11" W	88.08	meters to corner	1261
thence	N 09°34'48" W	88.67	meters to corner	1262
thence	N 39°07'20" W	136.51	meters to corner	1263
thence	N 44°14'06" W	116.76	meters to corner	1264
thence	N 68°38'46" W	63.83	meters to corner	1265
thence	N 33°01'03" W	82.57	meters to corner	1266
thence	N 01 °13'37" W	126.26	meters to corner	1267
thence	N 27°33'45" W	117.54	meters to corner	1268
thence	N 42°57'56" W	126.64	meters to corner	1269
thence	N 52°06'44" W	158.47	meters to corner	1270
thence	N 65°42'37" W	122.60	meters to corner	1271
thence	N 76°47'28" W	105.91	meters to corner	1272
thence	N 87°49'52" W	77.58	meters to corner	1273
thence	N 73°20'02" W	82.22	meters to corner	1274
thence	s 84°12'19" w	91.00	meters to corner	1275
thence	N 84°10'05" W	64.88	meters to corner	1276
thence	N 65°29'24" W	101.62	meters to corner	1277
thence	N 89°14'05" W	55.04	meters to corner	1278

thence	s 66°33'23" w	60.67	meters to corner	1279
thence	s 86°13'24" w	45.63	meters to corner	1280
thence	s 68°13'23" w	29.68	meters to corner	1281
thence	N 14°20'46" W	42.10	meters to corner	1282
thence	N 19°14'24" E	48.70	meters to corner	1283
thence	N 43°41'16" E	74.92	meters to corner	1284
thence	N 62°30'43" W	33.49	meters to corner	1285
thence	N 07°54'37" E	49.40	meters to corner	1286
thence	N 37°49'03" W	84.83	meters to corner	1287
thence	s 57°18'33" w	26.79	meters to corner	1288
thence	S 21°02'10"E	76.66	meters to corner	1289
thence	s 05°36'13" w	70.44	meters to corner	1290
thence	N 49°02'40" W	88.19	meters to corner	1291
thence	N 37°47'06" W	82.51	meters to corner	1292
thence	N 39°26'01" W	346.86	meters to corner	1293
thence	N 24°31'42" E	363.28	meters to corner	1294
thence	N 85°47'36" E	146.59	meters to corner	1295
thence	N 76° 12'49" E	42.04	meters to corner	1296
thence	S 88°31'42" E	150.82	meters to corner	1297
thence	S 64°26'21" E	324.14	meters to corner	1298
thence	N 49°06'42" E	227.52	meters to corner	1299
thence	N 19°55'07" W	75.61	meters to corner	1300
thence	N 39°10'23" W	125.46	meters to corner	1301
thence	N 34°54'11"E	269.74	meters to corner	1302
thence	N 29°26'14" W	194.31	meters to corner	1303
thence	N 47°36'06" W	249.39	meters to corner	1304
thence	N 59°24'54" W	473.68	meters to corner	1305
thence	N 37°30'10" W	290.64	meters to corner	1306
thence	N 13°59'33" E	123.83	meters to corner	1307
thence	N 06°35'29" W	239.60	meters to corner	1308
thence	N 29°24'59" W	270.85	meters to corner	1309
thence	N 55°03'21" W	308.37	meters to corner	1310
thence	N 73°57'43" W	177.46	meters to corner	1311
thence	N 40°28'30" E	612.20	meters to corner	1312
thence	N 33°20'53" W	259.35	meters to corner	1313
thence	s 53°44'51" w	227.07	meters to corner	1314
thence	N 18°40'29" W	344.74	meters to corner	1315
thence	N 86°31'21" W	159.24	meters to corner	1316
thence	s 67°52'03" w	171.07	meters to corner	1317
thence	N 74°22'23" W	135.25	meters to corner	1318
thence	N 14°41'09"E	412.53	meters to corner	1319
thence	N 56°31'54" E	959.17	meters to corner	1320
thence	N 40°23'26" E	968.99	meters to corner	1321
thence	N 26°01'06" E	1436.25	meters to corner	1322
thence	N 29°23'52" E	2696.27	meters to corner	1323
thence	N 22° 19'01" E	6073.85	meters to corner	1324
thence	N 47°50'22" E	2182.40	meters to corner	1325
thence	S 55°35'49" E	9867.77	meters to corner	1326
thence	S 55°35'49" E	9055.44	meters to corner	1327
thence	S 55°35'49" E	2908.24	meters to corner	1328
thence	N 36°24'28" E	0.01	meters to corner	1329

thence	S 55°35'49.11 E	4322.04	meters to corner	1330
thence	S 55°35'50" E	0.57	meters to corner	1331
thence	S 64°57'02" E	0.04	meters to corner	1332
thence	s 55°02'51" w	0.02	meters to corner	1333
thence	N 55°02'51.11 E	0.02	meters to corner	1334
thence	S 64°57'02" E	1212.95	meters to corner	1335
thence	S 64°56'06" E	1592.23	meters to corner	1336
thence	S 67°30'17" E	3637.25	meters to corner	1337
thence	S 69°21'36" E	1127.90	meters to corner	1338
thence	S 69°19'24" E	1374.87	meters to corner	1339
thence	S 69°20'23" E	2255.07	meters to corner	1340
thence	S 69°20'23" E	2630.15	meters to corner	1341
thence	S 67°25'52" E	3922.47	meters to corner	1342
thence	S 64°42'20"E	3270.23	meters to corner	1343
thence	S 64°51'46" E	2450.05	meters to corner	1344
thence	S 56°40'07" E	2241.27	meters to corner	1345
thence	s 71°30'29" w	2326.31	meters to corner	1346
thence	s 71°30'28" w	17.20	meters to corner	1347
thence	S 89°59'16" E	8899.16	meters to corner	1348
thence	S 89°59'16"E	6341.45	meters to corner	1349
thence	S 89°59'16" E	5012.61	meters to corner	1350
thence	N 00°00'11" E	6287.93	meters to corner	1351
thence	S 58°13'26" E	70.70	meters to corner	1352
thence	S 60°56'19" E	172.80	meters to corner	1353
thence	S 84°45'28" E	160.96	meters to corner	1354
thence	N 67°00'53" E	87.92	meters to corner	1355
thence	S 68°49'52" E	64.56	meters to corner	1356
thence	N 64°08'16" E	67.12	meters to corner	1357
thence	S 71°19'03" E	60.73	meters to corner	1358
thence	N 54°07'00" E	100.15	meters to corner	1359
thence	N 71°58'51"E	114.79	meters to corner	1360
thence	S 25°07'59" E	80.90	meters to corner	1361
thence	S 59°03'05" E	55.22	meters to corner	1362
thence	N 80°27'39" E	83.30	meters to corner	1363
thence	S 55°02'52" E	43.48	meters to corner	1364
thence	N 65°35'16" E	59.46	meters to corner	1365
thence	S 32°41'31" E	51.95	meters to corner	1366
thence	N 58°01'03" E	40.93	meters to corner	1367
thence	N 22°38'01" E	198.42	meters to corner	1368
thence	N 87°52'33" E	62.90	meters to corner	1369
thence	N 39°00'35" E	83.94	meters to corner	1370
thence	N 83°24'15" E	86.55	meters to corner	1371
thence	S 66°30'02" E	220.64	meters to corner	1372
thence	S 44°05'27" E	224.04	meters to corner	1373
thence	S 73°45'03"E	222.88	meters to corner	1374
thence	S 72°24'52" E	240.57	meters to corner	1375
thence	N 66°20'21" E	93.03	meters to corner	1376
thence	S 71°14'20" E	78.04	meters to corner	1377
thence	S 32°28'18" E	120.89	meters to corner	1378
thence	N 89°21'29"E	53.17	meters to corner	1379
thence	N 36°37'14" E	79.22	meters to corner	1380

thence	N 66°51'27" E	61.48	meters to corner	1381
thence	N 23° 15'27" W	247.47	meters to corner	1382
thence	N 23°15'27" W	158.20	meters to corner	1383
thence	N 19°10'14" E	217.78	meters to corner	1384
thence	N 66°53'46" W	167.88	meters to corner	1385
thence	N 83°18'07" W	276.26	meters to corner	1386
thence	N 83°18'07" W	91.16	meters to corner	1387
thence	N 83°18'07" W	53.33	meters to corner	1388
thence	s 67°36'44" w	109.88	meters to corner	1389
thence	N 74°00'45" W	194.60	meters to corner	1390
thence	s 84°33'14" w	236.04	meters to corner	1391
thence	N 80°50'19" W	134.69	meters to corner	1392
thence	s 65°19'06" w	176.62	meters to corner	1393
thence	N 79°59'11" W	167.55	meters to corner	1394
thence	s 67°06'00" w	479.16	meters to corner	1395
thence	N 84°47'12" W	346.61	meters to corner	1396
thence	N 06°12'48" E	86.94	meters to corner	1397
thence	N 46°39'00" W	158.98	meters to corner	1398
thence	N 56°17'52" W	74.36	meters to corner	1399
thence	N 00°00'16" E	196.73	meters to corner	1

from the point of beginning containing an area of 79,173 hectares, more or less. Bearings and Distances of the line were derived using the PRS92 Philippine Zone V coordinate system, subject to actual ground demarcation.

**Section 5. Definition of Terms.** - For purposes of this Act, the following terms shall be defined as follows:

(a) *Biological diversity or biodiversity* refers to the variability among the living organisms from all sources including, inter alia, terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are part; this includes diversity within species, between species and of ecosystems.

(b) *Bio-prospecting* pertains to the research, collection, and utilization of biological and genetic resources for purposes of applying the knowledge derived therefrom solely for commercial purposes.

(c) *Buffer zones* refer to identified areas outside the boundaries of and immediately adjacent to designated protected areas that need special development control in order to avoid or minimize harm to the protected area.

(d) *By-products or Derivatives* refers to parts taken or substances extracted from wildlife, in raw or in processed form.

(e) *Collecting* is the act of gathering or harvesting wildlife and its by-products or derivatives.

(f) *Conveyance* pertains to every kind of vessel, including motorized or nonmotorized vehicles, non-displacement crafts and seaplanes that are used or may

be used as a means of transportation on land or water. It shall include everything found therein except personal effects.

(g) *Delineation* refers to the actual ground survey of the boundaries of protected areas and their buffer zones and management zones using the global positioning system (GPS) or other applicable survey instruments and technologies, with the intention of producing a map of the area.

(h) *Demarcation* is the establishment of the boundaries of protected areas and their buffer zones using visible markers, monuments, buoys in case of marine areas, and known natural features and landmarks, among others, as a result of the actual ground delineation.

(i) *Ecosystem goods and services* are the multitude of material and nonmaterial provisions and benefits from healthy ecosystems necessary for human sustenance, well-being, and survival including support processes, provisioning and environment regulating services, and cultural resource preservation services.

(j) *Endemic species* pertain to the species or subspecies of flora and fauna which are naturally occurring and found within specific areas in the country.

(k) *Exotic species* refer to the species or subspecies of flora and fauna which do not naturally occur within the protected area at present or in historical time.

(l) *Exploration* is the act of searching or prospecting for mineral resources, as defined by law, by geological, geochemical or geophysical surveys, remote sensing, test pitting, trenching, drilling, shaft sinking, tunneling, or any other means, for the purpose of determining the existence, extent, quantity, and quality of resources in an area, and the feasibility of utilizing these resources for profit.

(m) *Gear* is any instrument or device and its accessories utilized in taking, catching, gathering, killing, hunting, destroying, disturbing, removing, or possessing resources within the protected area.

(n) *Genetically Modified Organism (GMO)* pertains to any living organism that possesses a novel combination of genetic material through the use of modern biotechnology.

(o) *Hunting* refers to the killing or catching of wild fauna for food and recreational purposes, with the use of weapons such as guns, bow and arrow, spears, traps and snares, and the like.

(p) *Indigenous Cultural Community (ICC)/Indigenous People (IP)* pertains to a group of people sharing common bonds of language, customs traditions, and other distinctive cultural traits, and who have, since time immemorial occupied, possessed and utilized a territory.

(q) *Integrated Protected Area Fund (IPAF)* refers to the special account established for the purpose of financing projects of the E-NIPAS and individual protected areas.

(r) *Invasive alien species* are species introduced deliberately or unintentionally outside their natural habitats where they have the ability to establish themselves, invade, outcompete native species, and take over the new environment.

(s) *Kaingin* is the slash-and-burn cultivation of vegetated land in a protected area, whether occupied or not, shifting and permanent with little or no provision to prevent soil erosion.

(t) *Local Conservation Area (LCA)* refers to an area whose biodiversity and ecosystem are declared by local ordinance to be needing protection. Said area is critical for the survival of important species of flora and fauna as well as the maintenance of watersheds within.

(u) *Multiple-use zone* is the area where settlement, traditional and sustainable land use including agriculture, agroforestry, extraction activities, and income generating or livelihood activities, and may be allowed to the extent prescribed in the protected area management plan.

(v) *National Integrated Protected Areas System (NIPAS)* refers to the classification and administration of all designated protected areas to maintain essential ecological processes and life-support systems, to preserve genetic diversity, to ensure sustainable use of resources found therein, and to maintain their natural conditions to the greatest extent possible.

(w) *National Park* pertains to the lands of the public domain classified as such in the Constitution which include all areas under the NIPAS pursuant to this Act, primarily designated for the conservation of native plants and animals, their associated habitats and cultural diversity.

(x) *Occupying* refers to a continuous stay of individuals or groups within a protected area, whether residing or engaging in the cultivation of land or fishing for more that twenty-four (24) hours.

(y) *Poaching* is the gathering, collecting, or possessing products or natural resources from the protected area by any individual person, corporation or entity whether local or foreign; in the case of marine protected areas, operating any foreign fishing vessels by any person, corporation, or entity without a permit.

(z) *Protected area* refers to identified portions of land and/or water set aside by reason of their unique physical and biological diversity and protected against destructive human exploitation.

(aa) *Protected Area Occupants* are persons who are residing, utilizing, and cultivating areas within the protected area. These include private owners, IPs, tenured migrants and informal settlers.

(bb) *Protected Area Retained Income Account (PA-RIA)* refers to the trust fund maintained by a protected area and administered by the Protected Area Management Board (PAMB) created pursuant to this Act representing the seventy-five percent (75%) of revenues generated from the protected area to support its operation and management.

(cc) *Protected landscapes* are areas of national significance which are characterized by the harmonious interaction of man and land while providing opportunities for public enjoyment through recreation, tourism, and other economic activities.

(dd) *Protected species* are plants or animals declared protected under Philippine laws, rules, and regulations. These shall include all species listed under the Convention on International Trade in Endangered Species of Wild Fauna and Flora and all its Annexes, the Convention on the Conservation of Migratory Species (CMS), those specified under the red-list categories of the International Union for Conservation of Nature and Natural Resources (IUCN), or any plant or animal which the DENR, PAMB or any other government agency may deem necessary for conservation and preservation in the protected area.

(ee) *Quarrying* is the process of extracting, removing, and disposing sand gravel, guano, limestone, and all other resources used as building and construction materials that are found within the protected area.

(ff) *Renewable Energy* means energy resources that do not have an upper limit on the total quantity to be used pursuant with Republic Act No. 9513 or the "Renewable Energy Act of 2008." Such resources are renewable on a regular basis, and whose renewal rate is relatively rapid to consider availability over an indefinite period of time. These include, among others, biomass, solar, wind, geothermal, ocean energy, and hydropower conforming with internationally accepted norms and standards on dams, and other emerging renewable energy technologies;

(gg) *Resource reserve* pertains to an extensive, relatively isolated, and uninhabited area which is difficult to access and is designated to protect the natural resources of the area for future use and prevent or contain development activities that could affect the resources, pending the establishment of sustainable resources utilization goals which are based upon appropriate information and planning.

(hh) *Special Account in the General Fund (SAGF)* refers to the trust fund deposited in the national treasury representing the twenty-five percent (25%) of the revenues generated from the operation of individual protected area and earmarked to support the NIPAS.

(ii) *Tenured migrants* are protected area occupants who have been actually, continuously and presently occupying a portion of the protected area for five (5) years before the proclamation or law establishing the same as a protected area, and are solely dependent therein for subsistence.

(jj) *Threatened species* are species or subspecies considered critically endangered, vulnerable, or other accepted categories of wildlife whose population is at risk of extinction.

(kk) *Wetlands* are a wide variety of inland habitats such as marshes, peatlands, floodplains, rivers and lakes, and coastal areas such as saltmarshes, mangroves, intertidal mudflats and seagrass beds, and also coral reefs and other marine areas no deeper than six (6) meters at low tide, as well as human-made wetlands such as dams, reservoirs, rice paddies and wastewater treatment ponds and lagoons.

(ll) *Wildlife* refers to the wild forms and varieties of flora and fauna, in all developmental stages, including those which are in captivity or are being bred, fed, or propagated.

(mm) *Wildlife Sanctuary* is an area which assures the natural conditions necessary to protect nationally significant species, group of species, biotic communities or physical features of the environment which may require specific human manipulations for their perpetuation.

**Section 6. Management Plan.** - Within one (1) year from the establishment of the Mt. Busa Protected Landscape, there shall be a management plan formulated to serve as the basic long-term framework plan for its management and guide in the preparation of its annual operations plan and budget.

The management plan shall, at the minimum, promote the adoption and implementation of innovative management techniques including, when necessary, zoning, buffer zone management, habitat conservation and rehabilitation, diversity management, community organizing and development, socioeconomic and scientific researches, site-specific policy development, climate change adaptation and mitigation, disaster risk reduction and management, waste sewerage and septic management, and gender and development, among others.

The plan shall be harmonized with the Ancestral Domain Sustainable Development and Protection Plan (ADSDPP) required under Republic Act No. 8371 or the Indigenous Peoples' Rights Act of 1997, the respective Comprehensive Land Use Plans (CLUPs) of local governments required under Republic Act No. 7160 or the Local Government Code of 1991, and other local development plans. The management plan made by LGUs in the prior declaration of the mountain range as a local conservation area (LCA) may serve as reference.

**Section 7. Protected Area Management Board (PAMB).** - Within three (3) months after the effectivity of this Act, a PAMB or the Protected Area Management Board shall be created for the MBPL. The Board shall be composed of the following:

- (a) DENR Regional Executive Director of DENR Region 12, as Chairperson;
- (b) Governor of Sarangani Province or duly designated representative;

- (c) Congressman of Sarangani Province or duly designated representative;
- (d) A Senator of the Republic of the Philippines who is a registered resident of Region XII, or his duly authorized representative, unless the Senator declines PAMB membership;
- (e) Mayors of Maitum, Kiamba and Maasim, Sarangani Province or their duly designated representatives;
- (f) Barangay Captains within the protected landscape;
- (g) Provincial IPMR (Indigenous People Mandatory Representative) and 3 Municipal IPMRs, one each from Maitum, Kiamba and Maasim;
- (h) Provincial Tribal Chieftain and 3 Municipal Tribal Chieftains, one each from Maitum, Kiamba and Maasim, who are recognized by their communities and endorsed by the NCIP;
- (i) Regional/Provincial Directors of the following government agencies, namely: Department of Agriculture (DA), National Economic and Development Authority (NEDA), Department of Science and Technology (DOST), Philippine National Police (PNP), Department of National Defense (DND)/AFP counterparts, National Commission on Indigenous People (NCIP), Department of Public Works and Highways (DPWH), Department of the Interior and Local Government (DILG), Office of Civil Defense (OCD), and the Department of Tourism (DOT);
- (j) Representatives from local NGOs-POs-CSOs (environmental, religious, media), duly accredited both by the DENR and the Provincial Government. They should have been in existence and with track record in or related to environmental protection and protected area management;
- (k) One (1) representative from the academic institution, preferably from a university or college in Sarangani and General Santos City with proven track record in or related to environment and protected area management;
- (l) One (1) representative from the private sector, preferably a resident of Sarangani who is distinguished in a profession or field of interest relevant to nature and protected area management;
- (m) The head claimant of a Certificate of Ancestral Domain Title (CADT) that covers any portion of the MPBL, as certified by the NCIP, and, where applicable, in coordination with the DENR or the Department of Agrarian Reform (DAR) if the lands fall under their respective jurisdictions.

The PAMB Chairperson is authorized to put additional members as recommended by the Board. Ex-officio members or members of the PAMB by virtue of their elective or appointive government positions as specified in the immediately

preceding subparagraphs a-b-c-d-e-f-g-h-i shall serve for the duration of their respective terms/tenure of office.

On the other hand, the members of the PAMB specified under subparagraphs j-k-l shall be appointed by the DENR Secretary after the conduct of a transparent and fair selection process as endorsed by DENR, Sarangani Provincial Government and Congressional Office. They shall each serve a term of three (3) years and may be reappointed for subsequent term/s.

The members of the MBPL PAMB shall serve without compensation, except for the actual and necessary traveling and subsistence expenses incurred in the performance of their duties, either in the attendance in official meetings or in connection with other authorized business gatherings, subject to existing government rules and regulations.

The PAMB members duly appointed prior to the effectivity of this Act shall continue their term until the expiration of their appointment. Thereafter, members of the management board shall be appointed in accordance with the provisions of this Act: Provided, That the Regional Executive Director of the DENR Region XII shall ensure that the relevant members of the PAMB are duly appointed by the DENR Secretary: Provided, further, That the PAMB composition shall accommodate women as members in line with Republic Act No. 9710 or The Magna Carta of Women.

A member of the PAMB may be removed for any of the following grounds:

- (1) More than three (3) consecutive unexcused absences from regular meetings of the management board;
- (2) Commission of acts prejudicial to the management of protected landscape as embodied in the NIPAS Law and other existing rules and regulations governing protected areas;
- (3) Disassociation and/or termination of relationship from the office or organization being represented; or
- (4) Conviction by final judgment of any criminal act.

**Section 8. Powers and Functions of MBPL PAMB.** - The PAMB shall have the following powers and functions:

- (a) Oversee the management of the protected landscape;
- (b) Approve policies, plans and programs, proposals, agreements, provisional SAPA (Special Use Agreement in Protected Areas) and other related documents for the management of the protected area;
- (c) Approve the management plan of the MBPL and ensure its harmonization and integration with the ADSDPP, land use plan and other development plans;

(d) Adopt a manual of operations to include rules of procedures in the conduct of business, and the creation of committees and their respective terms of reference;

(e) Recommend the deputation of appropriate agencies and individuals for the enforcement of the laws, rules and regulations governing the management of MBPL;

(f) Allocate financial resources for the implementation of the management plan and manage the Protected Area Retained Income Account and other funds in accordance with the budgeting, accounting and auditing rules and regulations;

(g) Set regulatory fees and charges in accordance with the existing guidelines;

(h) Issue rules and regulations for the resolution of conflicts through appropriate and effective means;

(i) Recommend appropriate policy changes to the DENR and other governing authorities;

(n) Monitor and assess the performance of the Park Operations Superintendent V (POSu) and other MBPL personnel and the compliance of partners with the terms and conditions of any undertaking, contract or agreement;

(o) Recommend through a PAMB resolution from among a shortlist of qualified candidates, the designation or appointment of the POSu;

(l) Assess the effectiveness of the management of MBPL: Provided, That the members of the management board representing the LGUs and national agencies must inform their respective constituents, offices or sectors, of PAMB-approved or other relevant policies, rules, regulations, programs, and projects and shall ensure that the provisions of this Act and its implementing rules and regulations are complied with, and used as reference and framework in their respective plans, policies, programs, and projects.

Failure to comply with the foregoing shall be the basis for disciplinary action against such member according to administrative rules and regulations and such penalties as the PAMB may provide: Provided, further, That the DENR, through the Regional Executive Director, shall ensure that the PAMB acts within the scope of its powers and functions. In case of conflict between the resolutions issued by the PAMB and the existing administrative orders of national application, the PAMB shall harmonize thereof; and

(m) Perform such other roles and functions to preserve and protect the Mt. Busa Protected Landscape.

**Section 9. Protected Area Management Office (PAMO).** - There is hereby established a Protected Area Management Office (PAMO) to be composed of the following permanent plantilla positions, to be headed by a POSu or Park Operations Superintendent, to wit:

- 1 Park Operations Superintendent V (SG 24)
- 1 Supervising Ecosystems Management Specialist (SG 22)
- 2 Senior Ecosystems Management Specialist (SG 18)
- 3 Ecosystems Management Specialist II (SG 15)
- 3 Ecosystems Management Specialist I (SG 11)
- 3 Information Systems Analyst I (SG 12)
- 1 Administrative Assistant II (SG 8)
- 1 Administrative Assistant I (SG 8)
- 1 Forest Technician II (SG8)
- 21 Park Maintenance Foreman (SG 8)
- 8 Forest Ranger (SG 4)

The Park Operation Superintendent V (POSu) shall supervise the day-to-day management, protection and administration of the MBPL. The POSu and staff stated above shall be appointed by the DENR to ensure effective management of the MBPL.

The POSu and staff shall be primarily accountable to the PAMB and the DENR for the management and operations of the MBPL. Pursuant thereto, the POSu shall have the following duties and responsibilities:

- (a) Prepare the management plan, in consultation with the stakeholders, including the annual work and financial plans and ensure its implementation;
- (b) Ensure the integration of the MBPL management plans, programs, projects, and policies with relevant national and LGUs' plans and other local programs;
- (c) Provide secretariat services to the PAMB and its committees and ensure the availability of relevant and timely information for decision-making;
- (d) Formulate and recommend to the PAMB proposed policies, rules, regulations, and programs;
- (e) Establish, operate, and maintain a database management system which shall be an important basis for decision-making;
- (f) Enforce the laws, rules and regulations relevant to the protected area. Commence and institute administrative and legal actions in collaboration with other government agencies or organizations, and assist in the prosecution of offenses committed in violation of this Act;
- (g) Monitor, evaluate, and report the implementation of management activities of MBPL;
- (h) Request for and receive any technical assistance support or advice from any agency or instrumentality of the government as well as academic institutions, NGOs, and the private sector, as may be necessary for the effective management, protection and administration of MBPL;
- (i) Issue permits and clearances for activities that implement the management plan and other permitted activities in accordance with terms, conditions, and

criteria established by the PAMB: Provided, that all permits for extraction activities, including collection for research purposes, shall also continue to be issued by relevant authorities, subject to prior clearance from the PAMB, through the POSu, in accordance with the specific acts to be covered;

- (j) Collect and/or receive pertinent fees, charges, donations, and other income for the protected area: Provided, that such fees, charges, donations, and other income collected/received shall be reported regularly to the PAMB and the DENR in accordance with existing guidelines;
- (k) Prepare and recommend to the PAMB the approval of annual work and financial plans of MBPL based on the management plan; and
- (l) Perform such other functions as the PAMB and the DENR may assign.

The PAMO may be augmented by the deputized local environment and natural resources officers upon the recommendation of the PAMB and approval of the DENR.

**Section 10. *Environmental Impact Assessment (EIA)*.** - Considering that MBPL is an environmentally critical area, the proponent of development projects and activities with potentially significant adverse impacts as determined by the Environmental Management Bureau (EMB), whether or not these projects or activities are included in the management plan, shall secure an Environmental Compliance Certificate (ECC) in accordance with the Philippine Environmental Impact Statement (EIS) System: Provided, That for development projects and activities that are not environmentally critical, an initial environmental examination (IEE) shall be undertaken instead of a full-blown EIA. No project or activity may be undertaken by any project proponent without prior clearance from the PAMB. The DENR shall require the submission of the PAMB clearance, among others, before issuing an ECC to a project proponent.

No actual implementation of such activities shall be allowed without the required ECC under the Philippine EIA System. Violations of environmental laws, rules and regulations, including those under the EIA System, shall be penalized accordingly.

**Section 11. *Ancestral Domain and Customary Rights*.** - Ancestral domains and customary rights shall be accorded due recognition.

As part of heritage preservation and pursuant to the need to conserve biologically significant areas, the territories and areas occupied and conserved for and by IPs and communities shall be recognized, respected, developed, and promoted.

The ICCs and IPs concerned shall have the responsibility to govern, maintain, develop, protect, and conserve such areas, in accordance with their indigenous knowledge systems and practices and customary law, with full and effective assistance from the NCIP, DENR, and other concerned government agencies.

A mechanism for coordination and complementation between the indigenous traditional leadership and governance structures and the NCIP, DENR, government agencies, concerned LGUs and civil society organizations shall be created.

**Section 12. *Energy Resources.*** - Consistent with the policies declared in Section 2 hereof, the exploration for energy sources may be allowed in MBPL only if for the purpose of gathering data and information and solely if such activity is carried out with the least damage to surrounding areas.

Survey for non-renewable energy projects shall be conducted only in accordance with a program approved by the DENR, and the result of such surveys shall be made available to the public and submitted to the President who shall make the appropriate recommendations to Congress.

Renewable energy projects may be allowed within the MBPL by the PAMB with the concurrence of the DENR Secretary: Provided, That renewable energy projects, which shall be located outside the strict protection zone, shall undergo the EIA as provided by law, and shall adopt reduced impact technologies so as not to be detrimental to ecosystem functions, biodiversity, cultural practices and traditions: Provided, further, That sufficient bond shall be remitted by the proponent to the DENR. The amount of which will be based on damage estimation upon decommissioning and projected cost of rehabilitation. It shall be released to the depositor upon the satisfactory decommissioning of all equipment, structures and improvements and the rehabilitation of the site according to the zones and objectives of the management plan as attested to by the PAMB.

**Section 13. *Integrated Protected Area Fund (IPAF).*** - There is hereby established a trust fund to be known as Integrated Protected Area Fund (IPAF) for purpose of financing the projects and sustaining the operations of Mt. Busa Protected Landscape. Income generated from the operation and management of the protected landscape shall accrue to the MBPL-IPAF. The income shall be derived from fees and charges as usage of resources and facilities within the protected area; contributions from industries and facilities directly benefiting from the protected landscape; and such other fees and income derived from the operation of the whole protected area.

The PAMB shall retain seventy-five percent (75%) of all revenues raised through the above means which shall be deposited in the Protected Area Retained Income Account (PA-RIA) in any authorized government depository bank within the locality: Provided, that disbursement out of such deposits shall be used solely for the protection, maintenance, administration, and management of the Mt. Busa Protected Landscape and implementation of duly approved projects of the PAMB.

Grants, donations, and endowments from various sources, domestic or foreign, shall be deposited in full in a special account in the National Treasury to be used for the purpose specified in the deeds and instruments covering them.

Voluntary or legislated payments for ecosystem goods and services, including fines, penalties, and compensation for damages from the protected area offenses shall accrue fully to the PA-RIA and shall be managed by the PAMB.

The remaining twenty-five percent (25%) of revenues shall be deposited as a special account in the General Fund in the National Treasury for purposes of financing the projects of the E-NIPAS System.

The use of the IPAF shall be in accordance with existing government budgeting, accounting and auditing rules and regulations: Provided, That the IPAF shall not be used to cover personal services expenditures.

The DENR shall submit to the Department of Budget and Management (DBM) and the Department of Finance (DOF) quarterly reports on the financial and physical accomplishments on the utilization of the IPAF and other documents as may be required by the DBM, and shall furnish a copy of the same to the House Committee on Appropriations and the Senate Committee on Finance.

**Section 14. *Tax Exemption.*** - All grants, bequests and endowments, donations and contributions made to the protected area fund to be used actually, directly, and exclusively by the Mt. Busa Protected Landscape shall be exempt from donor's tax and must be considered as allowable deduction from the gross income of the donor for the purpose of computing the taxable income of the donor in accordance with the provisions of the National Internal Revenue Code of 1997, as amended.

**Section 15. *Field Officers.*** - All officials, technical personnel and forest guards or all persons deputized by the DENR, upon recommendation of the PAMB shall be considered as field officers and shall have the authority to investigate and search premises and buildings and make arrests in accordance with the rules on criminal procedure for violation of laws and regulations relating to protected areas. Persons arrested shall be brought to the nearest police station for investigation.

Nothing herein mentioned shall be construed as preventing regular enforcers and police officers from arresting any person in the act of violating laws and regulations.

**Section 16. *Special Prosecutors and Retained Counsel.*** - Within thirty (30) days from the effectivity of this Act, the Department of Justice (DOJ) shall appoint special prosecutors to prosecute violations of laws, rules and regulations in the Mt. Busa Protected Landscape.

The DENR Regional Executive Director shall designate a Legal Officer from the Legal Division of DENR Regional Office to the MBPL who shall coordinate with the PAMB and POSu in the performance of duties and assist in the training of wardens and rangers in the arrest and needed criminal processes. Said Legal Officer/r shall also represent and defend the members of the PAMB, PAMO, or any DENR-deputized individuals and volunteers, against any legal action arising from the performance of their powers, functions and responsibilities as provided in this Act.

**Section 17. *Prohibited Acts.*** - Section 18 of Republic Act No. 11038 or the Expanded National Integrated Protected Areas System Act of 2018 (E-NIPAS) and its IRR or the Implementing Rules and Regulations contained in DENR Administrative Order (DAO) No. 2019-05 dated May 30, 2019, and related government and PAMB policies shall be adopted in prescribing the prohibited acts under this law.

**Section 18. *Penalties.*** - Section 19 of Republic Act No. 11038 or the E-NIPAS Law, its IRR in DENR DAO No. 2019-05 and associated government and PAMB policies shall govern the penalties in this Act.

**Section 19. *Existing Rights.*** - Section 20 of E-NIPAS Act and the corresponding IRR DENR DAO No. 2019-05 and existing government and PAMB policies shall govern on the matter of existing and vested rights within the MBPL.

**Section 20. *Tenure Migrants and Other MBPL Occupants.*** - The MBPL PAMB shall apply Section 23 of the NIPAS Law as amended by E-NIPAS Act, its IRR in DAO No. 2019-05 and other government and PAMB policies in managing tenured migrants and tenurial instruments.

**Section 21. *Existing Facilities Within the MBPL.*** – The MBPL PAMB shall adopt Section 24 of the NIPAS Act as amended by E-NIPAS Law, its IRR DAO No. 2019-05 and related government and PAMB policies on the disposition of the present infrastructures and facilities within the protected landscape.

**Section 22. *Special Uses Within Protected Area.*** - Special uses may be allowed within MBPL except in strict protection zones and strict nature reserves. The PAMB of MBPL shall apply Section 25 of the NIPAS Act as amended, the IRR DENR DAO No. 2019-05 and other government and PAMB policies in defining the special uses within the protected landscape. The prohibition and regulation of the zones applied by the local government units in the prior declaration of the mountain complex as local conservation area (LCA) may serve as reference.

**Section 23. *Local Government Units. (LGUs).*** - The local government units within the Mt. Busa Protected Landscape shall participate in the management of the protected area through representation in the PAMB. Said LGUs may appropriate portions of their share from the annual internal revenue allotment/national tax allotment and other income for use of the MBPL: Provided, That all funds directly coming from the LGUs shall be exempted from twenty-five percent (25%) remittance requirement for the IPAF under Section 13 of this law.

The LGUs shall continue to impose and collect other taxes/fees not enumerated under Section 13 hereof which they have traditionally collected, such as business permits and rentals of LGU facilities: Provided, That the LGUs shall not impose property tax on properties owned by the government nor issue any tax declarations for areas covered by the protected area. Furthermore, LGUs may charge add-ons to fees imposed by the PAMB: Provided, That such add-ons shall be based on the contribution of the LGUs in the maintenance and protection of MBPL.

LGUs with territory in MBPL shall align their CLUPs, local development plans, disaster risk reduction management plans and other required plans according to the objectives specified herein and in the protected area management plans. Within six (6) months from the approval of the protected area management plan, the PAMB and the POSu shall collaborate with the LGU concerned in the formulation of the CLUP and other local plans and in the enforcement thereof.

The concerned LGU official shall be held administratively and criminally liable for failure to enforce and/or implement this section, aside from the penalty imposed under Section 18 of this Act against public officers whether from the LGU or any national government agency violating the prohibited acts.

**Section 24. *Reporting Responsibility.*** - The POSu, through the PAMB, shall submit an annual accomplishment report of MBPL to the Secretary of DENR through the Biodiversity Management Bureau (BMB), in charge of the control and administration of the National Integrated Protected Area System. A report on the conditions and benefits of the biological resources and ecosystem services of MBPL shall also be submitted by the POSu, through channels, to the DENR Secretary every five (5) years. Consequently, the BMB shall likewise prepare a National State of Protected Areas (NSPAs) report every five (5) years and shall submit the same to the President, Senate and the House of Representatives.

**Section 25. *Appropriations.*** - The Secretary of the DENR shall immediately include in the DENR's program and allocation the implementation of Mt. Busa Protected Landscape Act, the funding of which shall be included in the Annual General Appropriations Act.

**Section 26. *Construction and Interpretation.*** - The provisions of this Act shall be construed liberally in favor of the protection and rehabilitation of MBPL and the conservation and restoration of biological diversity taking into account the needs and interests of qualified tenured migrants, vested rights, IPs and local communities, and the benefits from ecosystem services and functions of MBPL, for present and future generations: Provided, That nothing in this law shall be construed as a diminution of local autonomy or in derogation of ancestral domain rights under the Indigenous Peoples' Rights Act of 1997.

**Section 27. *Joint Congressional Oversight Committee.*** - To monitor and oversee the implementation of this Act, a Joint Congressional Oversight Committee is hereby created. It shall be composed of the Chairpersons of the Senate Committee on Environment and Natural Resources and the House Committee on Natural Resources as Chairperson and Co-chairperson, respectively, and five (5) members each from the Senate and the House of Representatives as members, with the automatic membership of the District Representative of the Sarangani Congressional District where MBPL is located.

**Section 28. *Implementing Rules and Regulations (IRR).*** - The MBPL-PAMB shall immediately adopt the IRR of the NIPAS Act contained in DENR Administrative Order No. 2019-05, subject to consolidation of all the needed rules and regulations to carry out the intents of this law.

**Section 29. *Transitory Provision.*** - In order to enhance biological diversity and to develop sustainable livelihood opportunities for tenured migrants, the DENR shall henceforth cease to issue concessions, licenses, permits, clearances, compliance documents and other instruments that allow utilization of resources within the MBPL until the management plan shall have been put into effect.

All existing land use and resource use permits issued for purposes which are authorized within the MBPL shall be reviewed and shall not be renewed upon their expiration unless consistent with the management plan and approved by the PAMB.

**Section 30. *Separability Clause.*** - If any provision of this Act is declared unconstitutional or invalid, other parts or provisions hereof not affected thereby shall continue to be in full force and effect.

**Section 31. *Repealing Clause.*** - All laws, decrees, executive orders, ordinances, rules and regulations or parts thereof which are contrary to or inconsistent with this Act are hereby repealed, amended or modified accordingly.

**Section 32. *Effectivity.*** This Act shall take effect fifteen (15) days after its complete publication in the Official Gazette or in two (2) newspapers of general circulation.

Approved,