

24 MAR 19 A 8 :43

**SENATE**

**S.B. No. 2619**

RECEIVED BY: 

(In substitution of Senate Bill Nos. 2189 and 2552,  
taking into consideration House Bill No. 8504)

---

Prepared by the Committees on Environment, Natural Resources and Climate  
Change; and Finance with Senators Villar (C.) and Villar (M.), as authors

---

**AN ACT**  
**DECLARING A PARCEL OF LAND LOCATED IN THE MUNICIPALITY OF**  
**SULTAN NAGA DIMAPORO, IN THE PROVINCE OF LANA DEL NORTE, A**  
**PROTECTED AREA WITH THE CATEGORY OF PROTECTED LANDSCAPE AND**  
**SEASCAPE UNDER THE NATIONAL INTEGRATED PROTECTED AREAS**  
**SYSTEM (NIPAS), TO BE REFERRED TO AS THE SULTAN NAGA DIMAPORO**  
**PROTECTED LANDSCAPE AND SEASCAPE (SNDPLS), PROVIDING FOR ITS**  
**MANAGEMENT, AND APPROPRIATING FUNDS THEREFOR**

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

ARTICLE I  
GENERAL PROVISIONS

1 Section 1. *Title.* — This Act shall be known as the "Sultan Naga Dimaporo  
2 Protected Landscape and Seascape Act".

3 Sec. 2. *Declaration of Policy.* — Cognizant of the profound impact of human  
4 activity on all components of the natural environment, it is hereby declared the policy  
5 of the State to secure for the Filipino people of present and future generations, the  
6 perpetual existence of all native plants and animals through the declaration of  
7 protected areas under the National Integrated Protected Areas System (NIPAS) within  
8 the classification of national park as provided for in the Constitution.

1 In recognition of the richness of the biological resources, both flora and fauna,  
2 that are native and distinct to an area in the Municipality of Sultan Naga Dimaporo in  
3 the Province of Lanao del Norte, as well as their aesthetic and ecological importance,  
4 a parcel of land of the public domain located in the Municipality of Sultan Naga  
5 Dimaporo in the Province of Lanao del Norte is hereby declared a protected area under  
6 the category of protected landscape and seascape, and shall hereinafter be referred  
7 to as the Sultan Naga Dimaporo Protected Landscape and Seascape (SNDPLS). As  
8 such, the State shall ensure the conservation, protection, management, and  
9 rehabilitation of the area. It is likewise recognized that effective administration of this  
10 area is possible only through cooperation among the national government, Local  
11 Government Units (LGUs), concerned Non-Governmental Organizations (NGOs),  
12 private entities, and local communities. The use and enjoyment of this area must be  
13 consistent with the principles of biological diversity and sustainable development.

14 Towards this end, the State shall ensure the full implementation of this Act, the  
15 mobilization of resources for the institutional mechanisms herein established, and the  
16 full scientific and technical support needed for the conservation of biodiversity and the  
17 integrity of the ecosystems, and cultural and indigenous practices.

18 *Sec. 3. Classification as a National Park.* — The SNDPLS is composed of a parcel  
19 of land of the public domain located in the Municipality of Sultan Naga Dimaporo, in  
20 the Province of Lanao del Norte, the metes and bounds of which are described in  
21 Section 4 of this Act. All lands of the public domain within the coverage and scope of  
22 the SNDPLS shall fall under the classification of a national park as provided for in  
23 Article XII, Section 3 of the Constitution.

24 *Sec. 4. Scope and Coverage.* — The boundaries of the SNDPLS are more  
25 particularly described as the area beginning at a point marked "1" on the Map, being  
26 S30°46'00"W, 33.00 meters from PRS'92 Control Monument "LAN-3A" with a  
27 geographic coordinate of 7°47'537.5924" Latitude and 123°42'54.54803" Longitude  
28 located at the Barangay Poblacion, Sultan Naga Dimaporo, Lanao Del Norte:

29                   thence S 89°17'11"E                   36.56   meters to corner                   2;

30                   thence S 68°38'19"E                   105.3   meters to corner                   3;

1	thence	S 59°05'58"E	213.78	meters to corner	4;
2	thence	S 67°31'50"E	185.45	meters to corner	5;
3	thence	S 44°07'46"E	165.84	meters to corner	6;
4	thence	S 11°48'14"E	35.88	meters to corner	7;
5	thence	S 19°57'30"E	64.1	meters to corner	8;
6	thence	S 08°35'03"E	34.76	meters to corner	9;
7	thence	S 26°23'01"W	20.68	meters to corner	10;
8	thence	S 31°59'43"W	28.86	meters to corner	11;
9	thence	S 48°57'55"W	42.64	meters to corner	12;
10	thence	S 00°13'08"W	26.05	meters to corner	13;
11	thence	S 37°45'49"E	28.74	meters to corner	14;
12	thence	S 68°01'21"E	30.55	meters to corner	15;
13	thence	S 61°34'24"E	179.33	meters to corner	16;
14	thence	S 60°55'37"E	118.07	meters to corner	17;
15	thence	S 58°17'23"E	83.95	meters to corner	18;
16	thence	S 45°57'09"E	89.78	meters to corner	19;
17	thence	S 37°39'59"E	76.83	meters to corner	20;
18	thence	S 30°04'33"E	86.04	meters to corner	21;
19	thence	S 03°58'43"E	31.15	meters to corner	22;
20	thence	S 08°28'39"E	73.24	meters to corner	23;
21	thence	S 21°41'08"E	51.73	meters to corner	24;
22	thence	S 32°59'22"E	71.83	meters to corner	25;
23	thence	S 22°49'30"E	69.13	meters to corner	26;

1	thence	S 11°39'34"E	25.85	meters to corner	27;
2	thence	S 07°20'55"E	61.74	meters to corner	28;
3	thence	S 11°54'27"E	73.91	meters to corner	29;
4	thence	S 06°13'39"E	37.23	meters to corner	30;
5	thence	S 11°34'20"W	27.46	meters to corner	31;
6	thence	S 36°10'53"W	65.96	meters to corner	32;
7	thence	S 49°39'33"E	65.93	meters to corner	33;
8	thence	S 41°23'34"E	77.25	meters to corner	34;
9	thence	S 41°48'02"E	77.7	meters to corner	35;
10	thence	S 27°09'05"E	39.16	meters to corner	36;
11	thence	S 34°36'35"E	27.44	meters to corner	37;
12	thence	S 52°53'30"E	67.02	meters to corner	38;
13	thence	S 39°18'51"E	113.58	meters to corner	39;
14	thence	S 12°39'23"E	61.92	meters to corner	40;
15	thence	S 47°07'58"E	63.89	meters to corner	41;
16	thence	S 32°05'34"E	110.94	meters to corner	42;
17	thence	S 33°33'37"E	97.62	meters to corner	43;
18	thence	S 45°09'30"E	71.66	meters to corner	44;
19	thence	S 54°06'20"E	87.55	meters to corner	45;
20	thence	S 61°12'48"E	107.52	meters to corner	46;
21	thence	S 56°10'30"E	58.04	meters to corner	47;
22	thence	S 36°19'09"E	81.12	meters to corner	48;
23	thence	S 42°15'52"E	117.96	meters to corner	49;

1	thence	S 24°11'51"W	31.17	meters to corner	50;
2	thence	S 04°01'46"W	70.22	meters to corner	51;
3	thence	S 26°17'51"E	72.55	meters to corner	52;
4	thence	S 33°50'30"E	55.65	meters to corner	53;
5	thence	S 30°14'38"E	60.5	meters to corner	54;
6	thence	S 46°26'41"E	112.14	meters to corner	55;
7	thence	S 35°35'19"E	49	meters to corner	56;
8	thence	S 43°33'38"E	88.7	meters to corner	57;
9	thence	S 35°20'21"E	150.69	meters to corner	58;
10	thence	S 27°40'31"E	120.29	meters to corner	59;
11	thence	S 26°42'30"E	91.51	meters to corner	60;
12	thence	S 27°43'59"E	48.36	meters to corner	61;
13	thence	S 30°37'07"E	40.53	meters to corner	62;
14	thence	S 11°51'37"E	68.77	meters to corner	63;
15	thence	S 03°17'38"E	27.21	meters to corner	64;
16	thence	S 25°42'13"W	26.34	meters to corner	65;
17	thence	S 21°37'44"W	23.74	meters to corner	66;
18	thence	S 08°27'18"W	76.79	meters to corner	67;
19	thence	S 16°33'57"W	72.38	meters to corner	68;
20	thence	S 21°18'02"W	50.05	meters to corner	69;
21	thence	S 28°59'40"E	36.82	meters to corner	70;
22	thence	S 21°14'28"W	43.01	meters to corner	71;
23	thence	S 28°40'21"W	55.98	meters to corner	72;

1	thence	S 04°29'12"E	52.84	meters to corner	73;
2	thence	S 06°35'26"E	92.79	meters to corner	74;
3	thence	S 51°26'09"W	58.16	meters to corner	75;
4	thence	S 18°07'01"W	24.69	meters to corner	76;
5	thence	S 32°14'12"E	29.43	meters to corner	77;
6	thence	S 06°14'37"E	31.22	meters to corner	78;
7	thence	S 17°01'54"W	38.45	meters to corner	79;
8	thence	S 49°05'02"W	27.44	meters to corner	80;
9	thence	S 83°16'59"W	53.7	meters to corner	81;
10	thence	S 83°18'23"W	39.78	meters to corner	82;
11	thence	S 73°39'36"W	53.69	meters to corner	83;
12	thence	S 48°25'27"W	33.99	meters to corner	84;
13	thence	S 54°31'57"W	30.35	meters to corner	85;
14	thence	S 62°36'13"W	23.29	meters to corner	86;
15	thence	S 30°45'55"W	25.41	meters to corner	87;
16	thence	S 29°10'22"W	42.87	meters to corner	88;
17	thence	S 25°08'41"W	31.65	meters to corner	89;
18	thence	S 44°24'09"W	42.6	meters to corner	90;
19	thence	S 12°55'11"W	32.36	meters to corner	91;
20	thence	S 32°09'47"E	91.69	meters to corner	92;
21	thence	S 26°49'46"E	72.39	meters to corner	93;
22	thence	S 07°43'26"E	35.73	meters to corner	94;
23	thence	S 05°16'08"E	69.68	meters to corner	95;

1	thence	S 04°58'23"E	31.48	meters to corner	96;
2	thence	S 08°52'32"E	59.41	meters to corner	97;
3	thence	S 07°21'49"E	38.96	meters to corner	98;
4	thence	S 15°20'10"W	38.84	meters to corner	99;
5	thence	S 86°18'12"W	56.14	meters to corner	100;
6	thence	S 11°07'11"E	27.15	meters to corner	101;
7	thence	S 07°24'44"W	30.24	meters to corner	102;
8	thence	S 16°14'27"W	28.11	meters to corner	103;
9	thence	S 01°58'02"E	41.6	meters to corner	104;
10	thence	S 43°57'53"W	39.52	meters to corner	105;
11	thence	S 28°47'46"W	63.87	meters to corner	106;
12	thence	S 51°48'12"W	30.62	meters to corner	107;
13	thence	S 20°15'37"E	37.18	meters to corner	108;
14	thence	S 49°43'36"E	40.19	meters to corner	109;
15	thence	S 09°41'01"W	46.21	meters to corner	110;
16	thence	S 60°50'43"E	26.12	meters to corner	111;
17	thence	S 23°28'11"E	33.67	meters to corner	112;
18	thence	S 29°19'16"E	46.23	meters to corner	113;
19	thence	S 50°04'35"E	65.58	meters to corner	114;
20	thence	S 50°11'58"E	41.64	meters to corner	115;
21	thence	S 35°10'29"E	52	meters to corner	116;
22	thence	S 26°14'34"E	68.69	meters to corner	117;
23	thence	S 32°45'45"E	52.52	meters to corner	118;

1	thence	S 30°40'02"E	74.05	meters to corner	119;
2	thence	S 01°18'28"W	45.65	meters to corner	120;
3	thence	S 49°28'23"W	28.16	meters to corner	121;
4	thence	S 61°43'48"W	26.66	meters to corner	122;
5	thence	N 58°29'43"W	27.51	meters to corner	123;
6	thence	S 22°33'14"W	23.85	meters to corner	124;
7	thence	S 52°08'32"E	27.16	meters to corner	125;
8	thence	S 21°24'22"E	62.28	meters to corner	126;
9	thence	S 14°35'14"E	34.5	meters to corner	127;
10	thence	S 04°23'22"E	62.66	meters to corner	128;
11	thence	S 01°07'40"E	23.76	meters to corner	129;
12	thence	S 12°24'31"W	29.22	meters to corner	130;
13	thence	S 37°31'27"W	33.07	meters to corner	131;
14	thence	S 40°56'28"W	44.01	meters to corner	132;
15	thence	S 65°20'20"W	26.41	meters to corner	133;
16	thence	S 43°28'13"W	42.85	meters to corner	134;
17	thence	S 25°33'08"W	36.76	meters to corner	135;
18	thence	S 48°53'58"W	62.14	meters to corner	136;
19	thence	S 11°44'29"W	32.29	meters to corner	137;
20	thence	S 20°08'13"W	43.82	meters to corner	138;
21	thence	S 08°43'48"W	37	meters to corner	139;
22	thence	S 17°59'15"E	49.28	meters to corner	140;
23	thence	N 67°15'51"E	34.32	meters to corner	141;



1	thence	S 84°43'53"E	71.54	meters to corner	142;
2	thence	S 38°46'20"E	81.35	meters to corner	143;
3	thence	S 27°39'15"E	81.02	meters to corner	144;
4	thence	S 06°08'55"E	74.85	meters to corner	145;
5	thence	S 34°15'51"W	31.05	meters to corner	146;
6	thence	S 10°15'55"W	23.43	meters to corner	147;
7	thence	S 51°54'09"W	23.65	meters to corner	148;
8	thence	N 82°43'55"W	25.08	meters to corner	149;
9	thence	S 79°41'34"W	56.45	meters to corner	150;
10	thence	S 13°23'30"W	26.74	meters to corner	151;
11	thence	S 18°13'56"E	55.91	meters to corner	152;
12	thence	S 25°47'30"W	53.02	meters to corner	153;
13	thence	S 34°23'18"W	78.35	meters to corner	154;
14	thence	S 79°44'25"W	51.74	meters to corner	155;
15	thence	N 70°24'58"W	30.22	meters to corner	156;
16	thence	S 31°57'04"W	37.52	meters to corner	157;
17	thence	S 64°06'57"E	25.37	meters to corner	158;
18	thence	S 27°12'26"E	26.45	meters to corner	159;
19	thence	S 42°45'12"E	34.87	meters to corner	160;
20	thence	S 21°22'14"E	40.16	meters to corner	161;
21	thence	S 42°00'08"E	42.28	meters to corner	162;
22	thence	S 80°24'00"E	22.87	meters to corner	163;
23	thence	S 48°11'36"E	42.45	meters to corner	164;

1	thence	N 15°29'58"E	20.49	meters to corner	165;
2	thence	N 37°00'48"W	26.19	meters to corner	166;
3	thence	N 00°22'26"W	22.43	meters to corner	167;
4	thence	N 06°35'26"E	53.62	meters to corner	168;
5	thence	N 37°17'55"E	24.24	meters to corner	169;
6	thence	N 67°51'16"E	22.3	meters to corner	170;
7	thence	N 88°13'28"E	25.26	meters to corner	171;
8	thence	S 43°15'30"E	64.36	meters to corner	172;
9	thence	S 67°42'43"E	46.43	meters to corner	173;
10	thence	S 56°57'54"E	22.06	meters to corner	174;
11	thence	N 89°14'18"E	28.07	meters to corner	175;
12	thence	N 64°03'25"E	35.59	meters to corner	176;
13	thence	S 63°16'24"E	35.82	meters to corner	177;
14	thence	S 24°11'20"E	20.69	meters to corner	178;
15	thence	S 05°20'46"E	26.19	meters to corner	179;
16	thence	S 04°31'42"E	30.46	meters to corner	180;
17	thence	S 54°27'34"E	78.06	meters to corner	181;
18	thence	S 10°55'00"W	23.82	meters to corner	182;
19	thence	S 67°17'16"E	25.99	meters to corner	183;
20	thence	N 78°27'09"E	33.27	meters to corner	184;
21	thence	N 65°45'47"E	34.72	meters to corner	185;
22	thence	S 60°45'18"E	60.99	meters to corner	186;
23	thence	S 27°46'46"E	22.23	meters to corner	187;

1	thence	S 19°30'09"E	37.91	meters to corner	188;
2	thence	N 70°08'04"E	21.15	meters to corner	189;
3	thence	N 89°46'03"E	26.9	meters to corner	190;
4	thence	S 61°00'51"E	24.18	meters to corner	191;
5	thence	S 20°17'54"E	24.34	meters to corner	192;
6	thence	S 10°54'32"E	25.24	meters to corner	193;
7	thence	S 04°19'04"W	27.2	meters to corner	194;
8	thence	S 31°58'25"E	22.28	meters to corner	195;
9	thence	S 80°16'48"E	20.52	meters to corner	196;
10	thence	N 76°36'30"E	53.7	meters to corner	197;
11	thence	N 54°20'57"E	46.96	meters to corner	198;
12	thence	N 80°53'04"E	67.35	meters to corner	199;
13	thence	S 70°50'04"E	112.17	meters to corner	200;
14	thence	S 42°21'29"E	47.41	meters to corner	201;
15	thence	S 12°17'45"E	166.86	meters to corner	202;
16	thence	S 65°45'10"E	41.73	meters to corner	203;
17	thence	N 66°23'03"E	21.82	meters to corner	204;
18	thence	N 21°14'10"E	27.16	meters to corner	205;
19	thence	N 06°10'58"W	22.92	meters to corner	206;
20	thence	N 56°13'33"W	24.63	meters to corner	207;
21	thence	N 08°01'43"W	67.37	meters to corner	208;
22	thence	N 34°47'30"E	48.88	meters to corner	209;
23	thence	N 04°00'28"E	96.97	meters to corner	210;

1	thence	N 03° 14'04"E	117.21	meters to corner	211;
2	thence	N 12° 58'20"W	69.97	meters to corner	212;
3	thence	N 30° 31'14"E	66.29	meters to corner	213;
4	thence	N 32° 42'41"E	77.86	meters to corner	214;
5	thence	N 19° 34'15"E	54.81	meters to corner	215;
6	thence	N 16° 02'07"W	31.55	meters to corner	216;
7	thence	N 20° 16'45"W	21.55	meters to corner	217;
8	thence	N 02° 58'49"E	45.57	meters to corner	218;
9	thence	N 13° 53'34"W	42.82	meters to corner	219;
10	thence	N 19° 08'24"E	60.17	meters to corner	220;
11	thence	N 11° 20'03"W	43.81	meters to corner	221;
12	thence	N 51° 22'43"W	36.31	meters to corner	222;
13	thence	N 25° 52'36"W	23.19	meters to corner	223;
14	thence	N 50° 52'35"E	97.61	meters to corner	224;
15	thence	N 74° 54'37"E	45.5	meters to corner	225;
16	thence	N 64° 56'12"E	50.84	meters to corner	226;
17	thence	N 71° 47'49"E	68	meters to corner	227;
18	thence	S 88° 47'21"E	92.62	meters to corner	228;
19	thence	S 07° 30'38"E	81.27	meters to corner	229;
20	thence	S 89° 00'10"E	35.86	meters to corner	230;
21	thence	N 03° 21'54"W	19.84	meters to corner	231;
22	thence	S 89° 43'52"W	25.57	meters to corner	232;
23	thence	N 00° 28'27"E	26.39	meters to corner	233;

1	thence	N 01° 28' 38"E	37.94	meters to corner	234;
2	thence	N 86° 47' 40"E	144.06	meters to corner	235;
3	thence	S 80° 11' 58"E	142.63	meters to corner	236;
4	thence	S 77° 35' 14"E	157.81	meters to corner	237;
5	thence	S 71° 17' 44"E	150.96	meters to corner	238;
6	thence	S 69° 56' 05"E	84.59	meters to corner	239;
7	thence	S 67° 44' 46"E	148.58	meters to corner	240;
8	thence	S 60° 29' 46"E	140.93	meters to corner	241;
9	thence	S 64° 30' 34"E	271.87	meters to corner	242;
10	thence	S 64° 30' 22"E	205.92	meters to corner	243;
11	thence	S 63° 02' 53"E	109.08	meters to corner	244;
12	thence	S 55° 14' 14"E	128.2	meters to corner	245;
13	thence	S 55° 10' 27"E	122.97	meters to corner	246;
14	thence	S 47° 51' 48"E	146.26	meters to corner	247;
15	thence	S 42° 23' 50"E	119.22	meters to corner	248;
16	thence	S 37° 06' 27"E	156.06	meters to corner	249;
17	thence	S 37° 52' 34"E	55.59	meters to corner	250;
18	thence	S 37° 35' 13"E	77.67	meters to corner	251;
19	thence	S 14° 51' 27"W	50.17	meters to corner	252;
20	thence	S 12° 35' 56"E	45.16	meters to corner	253;
21	thence	S 34° 50' 51"E	43.61	meters to corner	254;
22	thence	S 30° 09' 26"E	52.47	meters to corner	255;
23	thence	S 16° 51' 24"E	34.55	meters to corner	256;

1	thence	S 16°46'04"E	46.16	meters to corner	257;
2	thence	S 28°38'50"E	38.89	meters to corner	258;
3	thence	S 55°21'46"E	45.98	meters to corner	259;
4	thence	S 36°45'56"E	41.7	meters to corner	260;
5	thence	S 05°16'11"W	76.29	meters to corner	261;
6	thence	S 19°29'37"E	88.62	meters to corner	262;
7	thence	S 23°28'55"E	90.95	meters to corner	263;
8	thence	S 33°43'33"E	121.65	meters to corner	264;
9	thence	S 32°42'07"E	83.9	meters to corner	265;
10	thence	S 23°04'45"E	70.27	meters to corner	266;
11	thence	S 24°33'57"E	94.8	meters to corner	267;
12	thence	S 43°28'54"E	68.86	meters to corner	268;
13	thence	S 49°04'41"E	130.83	meters to corner	269;
14	thence	S 11°05'44"E	29.73	meters to corner	270;
15	thence	S 22°15'13"E	64.43	meters to corner	271;
16	thence	S 31°40'57"E	69.73	meters to corner	272;
17	thence	S 45°44'03"E	47.84	meters to corner	273;
18	thence	S 80°48'56"E	78.06	meters to corner	274;
19	thence	S 52°01'02"E	55.68	meters to corner	275;
20	thence	S 40°31'43"E	84.2	meters to corner	276;
21	thence	S 34°38'19"E	95.49	meters to corner	277;
22	thence	S 00°28'25"W	25.2	meters to corner	278;
23	thence	S 10°25'33"W	40.41	meters to corner	279;

1	thence	S 22°39'36"W	61.33	meters to corner	280;
2	thence	S 12°20'35"W	33.96	meters to corner	281;
3	thence	S 19°49'28"W	63.35	meters to corner	282;
4	thence	S 16°15'12"W	44.43	meters to corner	283;
5	thence	S 29°52'00"W	44.83	meters to corner	284;
6	thence	S 15°44'14"W	51.1	meters to corner	285;
7	thence	S 44°32'15"W	52.87	meters to corner	286;
8	thence	S 42°01'36"W	32.7	meters to corner	287;
9	thence	S 32°52'23"W	90.17	meters to corner	288;
10	thence	N 74°35'12"W	25.49	meters to corner	289;
11	thence	S 81°12'23"W	24.96	meters to corner	290;
12	thence	S 43°26'15"W	57.89	meters to corner	291;
13	thence	S 04°11'22"W	22.69	meters to corner	292;
14	thence	S 19°27'28"W	55.52	meters to corner	293;
15	thence	S 25°20'40"W	30.59	meters to corner	294;
16	thence	S 52°49'03"W	47.83	meters to corner	295;
17	thence	S 40°53'41"W	49.89	meters to corner	296;
18	thence	S 25°58'07"W	46.25	meters to corner	297;
19	thence	S 09°19'02"E	51.88	meters to corner	298;
20	thence	S 10°16'54"E	25.55	meters to corner	299;
21	thence	S 43°59'32"E	20.47	meters to corner	300;
22	thence	S 82°23'59"E	50.01	meters to corner	301;
23	thence	N 78°03'41"E	56.08	meters to corner	302;

1	thence	S 88°33'56"E	43.38	meters to corner	303;
2	thence	S 09°03'36"W	29.55	meters to corner	304;
3	thence	S 38°28'16"W	31.05	meters to corner	305;
4	thence	S 48°27'05"W	38.36	meters to corner	306;
5	thence	S 66°33'12"W	45.04	meters to corner	307;
6	thence	S 49°49'05"W	28.59	meters to corner	308;
7	thence	S 25°13'03"W	58.38	meters to corner	309;
8	thence	S 13°51'29"W	36.52	meters to corner	310;
9	thence	S 08°05'11"E	39.51	meters to corner	311;
10	thence	S 41°32'10"E	28.01	meters to corner	312;
11	thence	S 40°15'46"E	32.41	meters to corner	313;
12	thence	S 69°37'13"E	37.53	meters to corner	314;
13	thence	S 73°43'26"E	48.9	meters to corner	315;
14	thence	S 72°40'16"E	103.91	meters to corner	316;
15	thence	S 74°00'51"E	60.18	meters to corner	317;
16	thence	N 63°47'39"E	52.87	meters to corner	318;
17	thence	N 56°34'09"E	106.61	meters to corner	319;
18	thence	S 80°31'45"E	259.09	meters to corner	320;
19	thence	S 74°45'23"E	110.27	meters to corner	321;
20	thence	S 87°41'25"E	68.23	meters to corner	322;
21	thence	N 83°54'29"E	73.5	meters to corner	323;
22	thence	N 35°35'24"E	80.88	meters to corner	324;
23	thence	N 29°00'34"E	79.29	meters to corner	325;



1	thence	N 24°49'16"E	55.1	meters to corner	326;
2	thence	N 79°17'54"E	62.2	meters to corner	327;
3	thence	N 83°03'33"E	93.44	meters to corner	328;
4	thence	N 87°01'54"E	109.61	meters to corner	329;
5	thence	N 87°54'47"E	65.5	meters to corner	330;
6	thence	S 87°45'17"E	79.43	meters to corner	331;
7	thence	S 83°24'55"E	57.08	meters to corner	332;
8	thence	S 78°23'31"E	158.45	meters to corner	333;
9	thence	S 65°49'50"E	28.48	meters to corner	334;
10	thence	N 69°23'31"E	61.09	meters to corner	335;
11	thence	N 28°19'57"E	62.73	meters to corner	336;
12	thence	N 30°56'25"E	50.56	meters to corner	337;
13	thence	N 70°54'34"E	44.08	meters to corner	338;
14	thence	N 74°28'50"E	91.83	meters to corner	339;
15	thence	N 69°03'14"E	112.35	meters to corner	340;
16	thence	N 72°38'20"E	73.7	meters to corner	341;
17	thence	N 88°08'55"E	104.12	meters to corner	342;
18	thence	S 81°37'29"E	106.18	meters to corner	343;
19	thence	S 77°54'41"E	162.65	meters to corner	344;
20	thence	S 74°47'08"E	227.9	meters to corner	345;
21	thence	S 71°59'04"E	120.1	meters to corner	346;
22	thence	S 73°21'49"E	127.57	meters to corner	347;
23	thence	S 74°45'09"E	225.02	meters to corner	348;

1	thence	S 72°16'08"E	136.55	meters to corner	349;
2	thence	S 74°53'02"E	100.58	meters to corner	350;
3	thence	S 78°25'41"E	71.63	meters to corner	351;
4	thence	S 62°15'23"E	34.64	meters to corner	352;
5	thence	S 74°44'17"E	88.37	meters to corner	353;
6	thence	S 71°50'40"E	74.35	meters to corner	354;
7	thence	S 72°54'48"E	109.27	meters to corner	355;
8	thence	S 69°39'16"E	115.19	meters to corner	356;
9	thence	S 70°53'58"E	112.66	meters to corner	357;
10	thence	S 70°24'39"E	130.29	meters to corner	358;
11	thence	S 72°20'06"E	115.26	meters to corner	359;
12	thence	S 67°35'18"E	118.75	meters to corner	360;
13	thence	S 67°42'00"E	56.75	meters to corner	361;
14	thence	S 86°01'24"E	62.09	meters to corner	362;
15	thence	N 82°40'02"E	74.62	meters to corner	363;
16	thence	S 89°32'01"E	59.73	meters to corner	364;
17	thence	S 59°00'28"E	41.12	meters to corner	365;
18	thence	S 33°45'47"E	84.83	meters to corner	366;
19	thence	S 67°02'27"E	48.64	meters to corner	367;
20	thence	S 66°37'08"E	107.87	meters to corner	368;
21	thence	S 67°25'51"E	82.88	meters to corner	369;
22	thence	S 70°28'25"E	90.4	meters to corner	370;
23	thence	S 70°37'17"E	113.2	meters to corner	371;

1	thence	S 60°17'52"E	37.48	meters to corner	372;
2	thence	S 29°36'33"E	42.88	meters to corner	373;
3	thence	S 03°30'17"E	41.28	meters to corner	374;
4	thence	S 63°19'05"E	27.99	meters to corner	375;
5	thence	S 87°45'51"E	36.65	meters to corner	376;
6	thence	S 80°10'38"E	48.9	meters to corner	377;
7	thence	S 33°19'07"E	51.5	meters to corner	378;
8	thence	S 12°30'39"W	39.08	meters to corner	379;
9	thence	S 46°13'10"E	31.73	meters to corner	380;
10	thence	S 44°02'45"E	50.55	meters to corner	381;
11	thence	S 15°16'42"E	23.21	meters to corner	382;
12	thence	N 85°18'32"E	46.63	meters to corner	383;
13	thence	N 66°11'09"E	48.84	meters to corner	384;
14	thence	N 73°45'48"E	43	meters to corner	385;
15	thence	N 84°23'48"E	33.82	meters to corner	386;
16	thence	S 89°16'59"E	51.11	meters to corner	387;
17	thence	N 82°11'10"E	56.69	meters to corner	388;
18	thence	N 83°44'47"E	34.31	meters to corner	389;
19	thence	S 89°31'50"E	53.7	meters to corner	390;
20	thence	S 78°25'44"E	77.31	meters to corner	391;
21	thence	S 72°50'07"E	28.43	meters to corner	392;
22	thence	S 62°18'17"E	43.52	meters to corner	393;
23	thence	S 73°28'18"E	57.73	meters to corner	394;

1	thence	S 77°29'32"E	55.19	meters to corner	395;
2	thence	S 80°12'37"E	71.12	meters to corner	396;
3	thence	S 85°40'59"E	59.21	meters to corner	397;
4	thence	S 88°31'28"E	62.86	meters to corner	398;
5	thence	S 86°29'06"E	62.32	meters to corner	399;
6	thence	N 89°52'13"E	21.11	meters to corner	400;
7	thence	S 75°16'22"E	55.72	meters to corner	401;
8	thence	N 41°37'15"E	26.68	meters to corner	402;
9	thence	N 36°18'04"E	23.81	meters to corner	403;
10	thence	N 64°42'18"E	35.2	meters to corner	404;
11	thence	N 89°01'30"E	45.31	meters to corner	405;
12	thence	S 84°29'24"E	37.69	meters to corner	406;
13	thence	S 83°18'28"E	60.76	meters to corner	407;
14	thence	S 85°28'43"E	46.34	meters to corner	408;
15	thence	N 85°52'06"E	47.12	meters to corner	409;
16	thence	N 76°55'43"E	35.75	meters to corner	410;
17	thence	N 67°47'49"E	41.2	meters to corner	411;
18	thence	N 56°26'01"E	29.42	meters to corner	412;
19	thence	N 37°57'29"E	41.55	meters to corner	413;
20	thence	N 21°49'39"E	26.83	meters to corner	414;
21	thence	N 23°36'55"E	41.11	meters to corner	415;
22	thence	N 73°52'28"E	41.74	meters to corner	416;
23	thence	N 79°28'56"E	48.74	meters to corner	417;

1	thence	N 75°12'33"E	73.12	meters to corner	418;
2	thence	N 80°08'33"E	41.01	meters to corner	419;
3	thence	S 86°20'39"E	31.77	meters to corner	420;
4	thence	N 69°50'28"E	22.56	meters to corner	421;
5	thence	N 51°01'58"E	49.76	meters to corner	422;
6	thence	N 73°09'00"E	45.27	meters to corner	423;
7	thence	N 74°13'52"E	58.75	meters to corner	424;
8	thence	N 80°09'08"E	69.01	meters to corner	425;
9	thence	N 88°29'46"E	71.65	meters to corner	426;
10	thence	S 64°11'14"E	42.29	meters to corner	427;
11	thence	N 79°38'31"E	55.01	meters to corner	428;
12	thence	N 79°04'38"E	48.05	meters to corner	429;
13	thence	N 52°27'03"E	25.04	meters to corner	430;
14	thence	N 57°57'45"E	36.3	meters to corner	431;
15	thence	N 80°45'01"E	39.23	meters to corner	432;
16	thence	N 83°38'39"E	55.72	meters to corner	433;
17	thence	N 89°37'22"E	76.77	meters to corner	434;
18	thence	N 84°49'48"E	89.04	meters to corner	435;
19	thence	N 77°59'20"E	89.62	meters to corner	436;
20	thence	N 63°29'37"E	34.46	meters to corner	437;
21	thence	N 78°27'24"E	59.96	meters to corner	438;
22	thence	S 80°30'38"E	55.96	meters to corner	439;
23	thence	S 80°48'22"E	24.42	meters to corner	440;

1	thence	S 53°53'00"E	69.96	meters to corner	441;
2	thence	S 79°22'28"E	24.33	meters to corner	442;
3	thence	S 84°29'21"E	34.66	meters to corner	443;
4	thence	S 63°40'11"E	53.02	meters to corner	444;
5	thence	S 81°05'23"E	66.69	meters to corner	445;
6	thence	S 70°08'13"E	29.54	meters to corner	446;
7	thence	S 59°22'20"E	39.66	meters to corner	447;
8	thence	S 61°21'09"E	46.41	meters to corner	448;
9	thence	S 65°40'30"E	36.56	meters to corner	449;
10	thence	S 68°22'44"E	67.78	meters to corner	450;
11	thence	S 66°17'26"E	52.17	meters to corner	451;
12	thence	S 73°54'07"E	59.84	meters to corner	452;
13	thence	S 59°58'09"E	48.86	meters to corner	453;
14	thence	S 77°28'05"E	67.51	meters to corner	454;
15	thence	N 71°53'39"E	72.12	meters to corner	455;
16	thence	S 43°14'44"W	1694.16	meters to corner	456;
17	thence	S 14°58'26"W	1387.37	meters to corner	457;
18	thence	N 77°16'50"W	2143.94	meters to corner	458;
19	thence	N 63°58'16"W	2246.1	meters to corner	459;
20	thence	S 79°45'10"W	2230.11	meters to corner	460;
21	thence	N 69°50'03"W	2252.66	meters to corner	461;
22	thence	N 36°10'39"W	1391.69	meters to corner	462;
23	thence	N 54°58'12"W	1507.73	meters to corner	463;

1	thence	N 76°38'13"W	1745.39 meters to corner	464;
2	thence	N 30°21'08"W	2156.19 meters to corner	465;
3	thence	N 03°00'23"W	3009.55 meters to corner	466;
4	thence	N 28°53'38"W	1479.52 meters to corner	467;
5	thence	N 62°08'56"W	1990.45 meters to corner	468;
6	thence	N 70°15'36"W	2167.13 meters to corner	469;
7	thence	N 17°17'48"W	967.86 meters to corner	470;
8	thence	N 72°42'52"W	5935.69 meters to corner	471;
9	thence	N 12°14'35"E	2708.88 meters to corner	472;
10	thence	N 71°24'40"E	145.95 meters to corner	473;
11	thence	S 84°43'19"E	127.32 meters to corner	474;
12	thence	S 66°03'14"E	92.58 meters to corner	475;
13	thence	S 24°58'35"E	51.89 meters to corner	476;
14	thence	S 32°59'03"E	73.02 meters to corner	477;
15	thence	S 14°50'29"E	53.37 meters to corner	478;
16	thence	S 05°06'30"E	23.99 meters to corner	479;
17	thence	S 29°38'34"E	120.24 meters to corner	480;
18	thence	S 02°50'24"E	86.61 meters to corner	481;
19	thence	S 05°03'08"E	72.68 meters to corner	482;
20	thence	S 01°58'14"W	45.82 meters to corner	483;
21	thence	S 59°48'10"E	55.15 meters to corner	484;
22	thence	S 36°08'00"E	76.92 meters to corner	485;
23	thence	S 39°50'18"E	64.85 meters to corner	486;

1	thence	S 50°54'14"E	102.87	meters to corner	487;
2	thence	S 65°56'36"E	81.68	meters to corner	488;
3	thence	S 89°08'28"E	91.44	meters to corner	489;
4	thence	S 76°38'50"E	94.33	meters to corner	490;
5	thence	S 74°13'54"E	81.86	meters to corner	491;
6	thence	N 60°38'13"E	41.35	meters to corner	492;
7	thence	S 62°09'26"E	34.2	meters to corner	493;
8	thence	S 67°46'03"E	73.81	meters to corner	494;
9	thence	N 73°37'26"E	53.6	meters to corner	495;
10	thence	N 80°22'43"E	107.49	meters to corner	496;
11	thence	S 84°03'00"E	51.11	meters to corner	497;
12	thence	S 61°13'40"E	78.92	meters to corner	498;
13	thence	S 65°01'51"E	86.54	meters to corner	499;
14	thence	S 83°43'46"E	116.64	meters to corner	500;
15	thence	N 85°21'40"E	90.39	meters to corner	501;
16	thence	S 71°10'10"E	63.96	meters to corner	502;
17	thence	S 87°03'13"E	75.08	meters to corner	503;
18	thence	S 63°43'41"E	77.85	meters to corner	504;
19	thence	S 12°49'44"W	37.65	meters to corner	505;
20	thence	S 69°55'08"E	36.05	meters to corner	506;
21	thence	N 29°34'42"E	39.81	meters to corner	507;
22	thence	N 89°19'08"E	129.91	meters to corner	508;
23	thence	S 42°23'01"E	42.29	meters to corner	509;



1	thence	N 78°34'37"E	141.61	meters to corner	510;
2	thence	N 39°57'59"E	46.2	meters to corner	511;
3	thence	N 88°16'26"E	50.91	meters to corner	512;
4	thence	N 83°44'32"E	45.96	meters to corner	513;
5	thence	S 81°00'55"E	68.04	meters to corner	514;
6	thence	N 40°06'15"E	29.84	meters to corner	515;
7	thence	N 72°44'53"E	46.05	meters to corner	516;
8	thence	S 74°07'09"E	80.02	meters to corner	517;
9	thence	N 71°53'51"E	30.24	meters to corner	518;
10	thence	S 85°46'35"E	55.68	meters to corner	519;
11	thence	N 49°02'23"E	38.71	meters to corner	520;
12	thence	S 85°56'41"E	51.66	meters to corner	521;
13	thence	N 53°04'06"E	32.19	meters to corner	522;
14	thence	N 86°17'16"E	69.31	meters to corner	523;
15	thence	S 75°35'34"E	130.43	meters to corner	524;
16	thence	S 11°41'44"W	52.46	meters to corner	525;
17	thence	S 85°59'30"E	45.76	meters to corner	526;
18	thence	S 87°11'43"E	76.62	meters to corner	527;
19	thence	N 26°43'59"E	60.4	meters to corner	528;
20	thence	N 10°23'15"W	37.8	meters to corner	529;
21	thence	N 44°58'10"W	67.43	meters to corner	530;
22	thence	N 24°07'22"W	42.2	meters to corner	531;
23	thence	N 16°26'36"E	57.59	meters to corner	532;

1	thence	S 45°21'52"E	44.45	meters to corner	533;
2	thence	S 29°23'04"E	111.8	meters to corner	534;
3	thence	S 59°27'11"E	120.59	meters to corner	535;
4	thence	S 24°48'23"W	38.66	meters to corner	536;
5	thence	S 64°58'02"E	93.92	meters to corner	537;
6	thence	S 10°49'38"W	23.3	meters to corner	538;
7	thence	S 83°00'54"E	25.8	meters to corner	539;
8	thence	S 64°04'51"E	101.21	meters to corner	540;
9	thence	S 57°42'12"E	120.73	meters to corner	541;
10	thence	S 42°09'38"E	60.66	meters to corner	542;
11	thence	N 39°10'53"E	53.5	meters to corner	543;
12	thence	S 73°46'47"E	84.51	meters to corner	544;
13	thence	S 66°55'16"E	89.31	meters to corner	545;
14	thence	S 66°12'45"E	123.81	meters to corner	546;
15	thence	S 63°34'03"E	92.43	meters to corner	547;
16	thence	S 60°15'52"E	44.75	meters to corner	548;
17	thence	N 75°32'20"E	47.6	meters to corner	549;
18	thence	S 84°18'00"E	108.89	meters to corner	550;
19	thence	S 86°33'25"E	103.56	meters to corner	551;
20	thence	S 88°21'19"E	66.89	meters to corner	552;
21	thence	S 62°31'37"E	25.44	meters to corner	553;
22	thence	S 78°25'14"E	38.01	meters to corner	554;
23	thence	S 60°24'13"E	28.83	meters to corner	555;

1	thence	S 11°36'10"W	25.46	meters to corner	556;
2	thence	S 78°17'24"E	52.21	meters to corner	557;
3	thence	S 75°46'37"E	106.59	meters to corner	558;
4	thence	N 28°26'10"E	107.17	meters to corner	559;
5	thence	N 33°38'23"E	44.86	meters to corner	560;
6	thence	S 35°12'22"E	38.29	meters to corner	561;
7	thence	S 83°03'31"E	74.63	meters to corner	562;
8	thence	S 01°11'30"E	23.3	meters to corner	563;
9	thence	S 41°44'38"E	41.96	meters to corner	564;
10	thence	N 50°24'04"E	74.18	meters to corner	565;
11	thence	S 42°55'25"E	78.64	meters to corner	566;
12	thence	S 13°08'30"E	60.33	meters to corner	567;
13	thence	S 45°56'26"E	27.61	meters to corner	568;
14	thence	N 83°32'06"E	22.46	meters to corner	569;
15	thence	N 07°49'06"E	55.23	meters to corner	570;
16	thence	N 39°47'57"E	46.72	meters to corner	571;
17	thence	N 60°10'54"E	40.85	meters to corner	572;
18	thence	N 75°07'25"E	103.83	meters to corner	573;
19	thence	S 03°16'31"W	87.18	meters to corner	574;
20	thence	S 31°22'52"W	30.4	meters to corner	575;
21	thence	N 84°18'40"E	64.07	meters to corner	576;
22	thence	S 58°11'24"E	49.1	meters to corner	577;
23	thence	S 59°22'41"E	131.63	meters to corner	578;

1	thence	N 77°20'38"E	76.96	meters to corner	579;
2	thence	N 24°59'58"E	114.05	meters to corner	580;
3	thence	N 58°04'13"E	38.42	meters to corner	581;
4	thence	S 08°44'11"E	132.2	meters to corner	582;
5	thence	S 26°40'59"W	67.04	meters to corner	583;
6	thence	S 41°12'05"W	63.78	meters to corner	584;
7	thence	S 75°40'56"W	60.52	meters to corner	585;
8	thence	S 66°51'42"E	69	meters to corner	586;
9	thence	S 71°53'21"E	192.64	meters to corner	587;
10	thence	S 71°22'33"E	106.54	meters to corner	588;
11	thence	S 70°35'12"E	60.79	meters to corner	589;
12	thence	S 62°09'21"E	29.46	meters to corner	590;
13	thence	S 83°52'39"E	75.84	meters to corner	591;
14	thence	S 48°35'22"E	51.46	meters to corner	592;
15	thence	S 75°22'31"E	148.92	meters to corner	593;
16	thence	N 80°35'32"E	116.25	meters to corner	594;
17	thence	N 71°31'35"E	91.7	meters to corner	595;
18	thence	N 86°53'33"E	118.54	meters to corner	596;
19	thence	S 81°43'59"E	183.13	meters to corner	597;
20	thence	S 69°28'31"E	165.77	meters to corner	598;
21	thence	S 54°26'33"E	59.66	meters to corner	599;
22	thence	S 61°01'52"E	96.2	meters to corner	600;
23	thence	S 75°31'14"E	74.01	meters to corner	601;

1	thence	N 76°52'24"E	86.69	meters to corner	602;
2	thence	S 76°43'20"E	146.68	meters to corner	603;
3	thence	S 72°18'31"E	150.93	meters to corner	604;
4	thence	S 61°49'07"E	228.04	meters to corner	605;
5	thence	S 46°45'18"E	88.1	meters to corner	606;
6	thence	S 32°41'43"E	94.09	meters to corner	607;
7	thence	S 28°28'43"E	77.04	meters to corner	608;
8	thence	S 23°47'46"E	83.52	meters to corner	609;
9	thence	S 12°03'29"E	100.53	meters to corner	610;
10	thence	S 16°49'36"W	35.24	meters to corner	611;
11	thence	S 14°05'53"W	70.85	meters to corner	612;
12	thence	S 22°00'55"E	50.99	meters to corner	613;
13	thence	S 16°42'11"W	48.2	meters to corner	614;
14	thence	S 20°55'02"E	92.52	meters to corner	615;
15	thence	S 30°45'46"E	41.57	meters to corner	616;
16	thence	S 63°41'21"E	49.76	meters to corner	617;
17	thence	N 58°44'35"E	63.47	meters to corner	618;
18	thence	N 26°35'29"E	46.76	meters to corner	619;
19	thence	N 72°30'56"E	110.8	meters to corner	620;
20	thence	S 26°06'37"E	124.89	meters to corner	621;
21	thence	S 10°19'22"E	75.69	meters to corner	622;
22	thence	S 11°09'48"E	25.51	meters to corner	623;
23	thence	S 66°29'02"E	55.1	meters to corner	624;

1	thence	S 35°59'10"E	135.82	meters to corner	625;
2	thence	S 53°59'55"W	184.14	meters to corner	626;
3	thence	N 46°21'58"W	132.25	meters to corner	627;
4	thence	S 50°16'11"W	127.49	meters to corner	628;
5	thence	N 82°03'59"W	32.17	meters to corner	629;
6	thence	N 84°25'21"W	67.82	meters to corner	630;
7	thence	S 84°02'28"W	74.9	meters to corner	631;
8	thence	S 81°47'26"W	92.31	meters to corner	632;
9	thence	S 71°51'10"W	38.94	meters to corner	633;
10	thence	S 72°47'32"W	90.02	meters to corner	634;
11	thence	S 00°29'03"E	23.61	meters to corner	635;
12	thence	S 52°10'52"W	39.73	meters to corner	636;
13	thence	S 44°20'49"W	22.06	meters to corner	637;
14	thence	S 11°00'39"E	43.04	meters to corner	638;
15	thence	S 00°41'01"E	55.17	meters to corner	639;
16	thence	S 02°53'42"E	42.67	meters to corner	640;
17	thence	S 01°21'38"E	42.05	meters to corner	641;
18	thence	S 10°17'12"W	51.38	meters to corner	642;
19	thence	S 18°26'28"W	48.19	meters to corner	643;
20	thence	S 23°06'59"W	61.07	meters to corner	644;
21	thence	S 16°06'24"W	43.4	meters to corner	645;
22	thence	S 35°29'51"E	52.12	meters to corner	646;
23	thence	S 63°49'31"E	32.23	meters to corner	647;

1	thence	N 70°19'16"E	39.76	meters to corner	648;
2	thence	N 62°49'23"E	85.69	meters to corner	649;
3	thence	N 59°42'01"E	87.88	meters to corner	650;
4	thence	N 41°02'54"E	57.64	meters to corner	651;
5	thence	N 33°12'44"E	51.89	meters to corner	652;
6	thence	N 78°07'30"E	47.78	meters to corner	653;
7	thence	S 88°31'42"E	104.03	meters to corner	654;
8	thence	S 80°30'23"E	101.64	meters to corner	655;
9	thence	S 84°59'37"E	109.04	meters to corner	656;
10	thence	S 79°44'22"E	109.6	meters to corner	657;
11	thence	S 82°26'07"E	60.5	meters to corner	658;
12	thence	S 73°34'08"E	78.23	meters to corner	659;
13	thence	S 76°23'04"E	102.48	meters to corner	660;
14	thence	S 76°18'45"E	268.37	meters to corner	661;
15	thence	S 75°53'54"E	249.67	meters to corner	662;
16	thence	S 76°29'26"E	144.49	meters to corner	663;
17	thence	S 71°37'32"E	99.3	meters to corner	664;
18	thence	S 89°30'07"E	47.59	meters to corner	665;
19	thence	S 67°55'26"E	57.12	meters to corner	666;
20	thence	S 72°40'13"E	118.4	meters to corner	667;
21	thence	S 73°04'52"E	142.92	meters to corner	668;
22	thence	S 68°17'55"E	93.86	meters to corner	669;
23	thence	S 69°58'34"E	283.21	meters to corner	670;

1	thence	S 67°22'55"E	96.34	meters to corner	671;
2	thence	S 68°27'46"E	138.43	meters to corner	672;
3	thence	S 56°05'08"E	144.65	meters to corner	673;
4	thence	S 29°02'31"W	345.09	meters to corner	674;
5	thence	S 61°45'32"E	10.08	meters to corner	675;
6	thence	N 30°23'03"E	61.37	meters to corner	676;
7	thence	S 63°02'14"E	49.13	meters to corner	677;
8	thence	N 28°47'31"E	47.22	meters to corner	678;
9	thence	N 59°06'35"W	49.53	meters to corner	679;
10	thence	N 29°50'40"E	124.1	meters to corner	1

11 the point of beginning, containing an area of Eight Thousand One Hundred Forty-Two  
12 (8,142) Hectares, more or less. Bearings and distances of lines were derived using the  
13 PRS 1992 Philippines Zone V coordinate system, subject to ground delineation and  
14 demarcation. The geographic coordinates of the control monument "LAN-3A" is based  
15 on re-observed data.

16 The certification from the National Mapping and Resource Information Authority  
17 (NAMRIA) containing the boundaries and technical descriptions of the SNDPLS is  
18 hereby adopted and made an integral part of this Act. In case of inconsistency, the  
19 boundaries and technical descriptions in the attached certification shall prevail.

20 Any modification of the scope and coverage of the SNDPLS in this Act shall be  
21 made through an Act of Congress, after consultation with the government agencies  
22 and stakeholders concerned.

23 *Sec. 5. Establishment of Buffer Zones.* — The Secretary of the Department of  
24 Environment and Natural Resources (DENR), upon the recommendation of the  
25 Protected Area Management Board (PAMB) created under Section 6 of this Act, may  
26 designate areas surrounding the SNDPLS as buffer zones for the purpose of providing  
27 an extra layer of protection where restrictions may be applied: *Provided*, That in cases



1 where the designated buffer zone would cover private lands, the owners thereof shall  
2 be required to design their development with due consideration to the protected area  
3 management plan.

4 ARTICLE II  
5 MANAGEMENT MECHANISMS

6 Sec. 6. *Protected Area Management Board (PAMB)*. - Within ninety (90) days  
7 from the effectivity of this Act, a PAMB shall be created to oversee the management  
8 of the SNDPLS. The PAMB shall be composed of the following:

- 9 a. DENR Regional Executive Director for Region X, as Chairperson;
- 10 b. Governor of the Province of Lanao del Norte or a duly designated  
11 representative;
- 12 c. Senators of the Republic of the Philippines who are duly registered residents  
13 of the Province of Lanao del Norte, or their duly authorized representatives,  
14 unless the Senators decline the membership in the PAMB;
- 15 d. District Representative of the Congressional District where the SNDPLS is  
16 located, or a duly designated representative, unless the District  
17 Representative declines the membership in the PAMB;
- 18 e. Mayor of the Municipality of Sultan Naga Dimaporo, in the Province of Lanao  
19 del Norte or a duly designated representative;
- 20 f. Chairpersons of all the *barangays* with territorial jurisdiction over the  
21 SNDPLS;
- 22 g. Regional Directors of the following government agencies, namely:  
23 Department of Agriculture (DA), National Economic and Development  
24 Authority (NEDA), Department of Science and Technology (DOST),  
25 Philippine National Police (PNP), Department of National Defense (DND),  
26 and Department of Tourism (DOT);
- 27 h. Three (3) representatives from either NGOs or people's organizations (POs)  
28 based in the Province of Lanao del Norte, duly accredited both by the DENR  
29 and the provincial government. The NGOs or POs represented should have  
30 been in existence for at least five (5) years and with a track record in or  
31 related to protected area management;

- 1 i. At least one (1) but not more than three (3) representatives from all the  
2 indigenous cultural communities/ indigenous peoples present in the area  
3 and recognized by the National Commission on Indigenous Peoples (NCIP);
- 4 j. One (1) representative from an academic institution, preferably from a  
5 university or college in the Province of Lanao del Norte, with a proven track  
6 record in or related to protected area management; and
- 7 k. One (1) representative from the private sector, preferably a resident of the  
8 Province of Lanao del Norte, who is distinguished in a profession or field of  
9 interest relevant to the management of a protected area.

10 The terms of office of members of the PAMB, as well as the grounds for their  
11 removal shall be in accordance with the provisions of Republic Act No. 7586, otherwise  
12 known as the "National Integrated Protected Areas System (NIPAS) Act of 1992" as  
13 amended by Republic Act No. 11038, otherwise known as the "Expanded National  
14 Integrated Protected Areas System (ENIPAS) Act of 2018".

15 *Sec. 7. Powers and Functions of the PAMB.* — The PAMB shall have the following  
16 powers and functions:

- 17 a. Oversee the management of the SNDPLS;
- 18 b. Approve policies, plans and programs, proposals, agreements, and other  
19 related documents for the management of the SNDPLS;
- 20 c. Approve the management plan of the SNDPLS and ensure its harmonization  
21 with and integration into the Ancestral Domain Sustainable Development  
22 and Protection Plan (ADSDPP), land use plan and other development plan,  
23 public or private, and their implementation;
- 24 d. Adopt a manual of operations to include rules of procedures in the conduct  
25 of business, and the creation of committees and their respective terms of  
26 reference;
- 27 e. Recommend the deputation of appropriate agencies and individuals for the  
28 enforcement of the laws, rules and regulations governing the management  
29 of the SNDPLS;
- 30 f. Allocate financial resources for the implementation of the management plan  
31 and manage the Protected Area Retention Income Account (PA-RIA) and

1 other funds in accordance with government accounting, budgeting, and  
2 auditing rules and regulations;

- 3 g. Set fees and charges in accordance with existing guidelines;
- 4 h. Issue rules and regulations for the resolution of conflicts through  
5 appropriate and effective means;
- 6 i. Recommend appropriate policy changes to the DENR and other government  
7 authorities with respect to the management of the SNDPLS;
- 8 j. Monitor and assess the performance of the Protected Area Superintendent  
9 (PASu) and other protected area personnel and compliance of partners with  
10 the terms and conditions of any undertaking, contract or agreement relative  
11 to any project or activity within the SNDPLS;
- 12 k. Recommend from among a shortlist of qualified candidates, the designation  
13 or appointment of the Protected Area Superintendent (PASu); and
- 14 l. Assess the effectiveness of the management of the SNDPLS: *Provided*, That  
15 the members of the PAMB representing the LGUs and national agencies shall  
16 inform their respective constituents, offices or sectors, of PAMB-approved  
17 or other relevant policies, rules, regulations, programs, and projects and  
18 shall ensure that the provisions of this Act and the rules and regulations  
19 issued to implement it are complied with and used as reference and  
20 framework in their respective plans, policies, programs, and projects. Failure  
21 to comply with the foregoing shall be the basis for disciplinary action against  
22 such member according to administrative rules and regulations and such  
23 penalties as the PAMB may provide: *Provided, further*, That the DENR,  
24 through the Regional Director, shall ensure that the PAMB acts within the  
25 scope of its powers and functions. In case of conflict between the  
26 resolutions issued by the PAMB and the existing administrative orders of  
27 national application, the latter shall prevail.

28 *Sec. 8. The Protected Area Management Office (PAMO).* — There is hereby  
29 established a Protected Area Management Office (PAMO) to be headed by a Protected  
30 Area Superintendent (PASu) who shall supervise the day-to-day management,  
31 protection, and administration of the SNDPLS. The PASu shall hold a permanent  
32 plantilla position and shall be appointed by the DENR Secretary. A sufficient number

1 of support staff with permanent plantilla positions shall likewise be appointed by the  
2 DENR Secretary to assist the PASu in the management of the protected area.

3 The PASu shall be primarily accountable to the PAMB and the DENR for the  
4 management and operations of the SNDPLS. Pursuant thereto, the PASu shall have  
5 the following duties and responsibilities:

- 6 a. Prepare the management plan, in consultation with the stakeholders,  
7 including the annual work and financial plan and ensure its  
8 implementation;
- 9 b. Ensure the integration of the SNDPLS management plans, programs,  
10 projects, and policies with relevant national and LGU plans and programs;
- 11 c. Provide secretariat services to the PAMB and its committees and ensure  
12 the  
13 availability of relevant and timely information for decision-making;
- 14 d. Formulate and recommend to the PAMB proposed policies, rules,  
15 regulations, and programs;
- 16 e. Establish, operate, and maintain a database management system which  
17 shall be an important basis for decision-making;
- 18 f. Enforce the laws, rules and regulations relevant to the SNDPLS,  
19 commence and institute administrative and legal actions in collaboration  
20 with other government agencies or organizations, and assist in the  
21 prosecution of offenses committed in violation of the provisions of this  
22 Act;
- 23 g. Monitor, evaluate, and report the implementation of management  
24 activities  
25 of the SNDPLS;
- 26 h. Request for and receive any technical assistance, support or advice from  
27 any  
28 agency or instrumentality of the government as well as academic  
29 institutions, NGOs, and the private sector, as may be necessary for the  
30 effective management, protection, and administration of the SNDPLS;

- 1 i. Issue permits and clearances for activities that implement the  
2 management  
3 plan and other permitted activities in accordance with terms, conditions,  
4 and criteria established by the PAMB: *Provided*, That all permits for  
5 extraction of natural resources including the collection of wildlife and its  
6 by-products or derivatives for research purposes, shall continue to be  
7 issued by relevant authorities, subject to prior clearance from the PAMB,  
8 through the PASu in accordance with the specific acts to be covered;
- 9 j. Collect and receive pertinent fees, charges, donations, and other income  
10 for  
11 the SNDPLS: *Provided*, That such fees, charges, donations, and other  
12 income collected and received shall be reported regularly to the PAMB  
13 and the DENR in accordance with existing guidelines;
- 14 k. Prepare and recommend to the PAMB, approval of the annual work and  
15 financial plans of the SNDPLS based on the management plan; and
- 16 l. Perform such other functions as the PAMB and the DENR may assign.

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

20 ARTICLE III  
21 PROCEEDS AND FEES

22 *Sec. 9. The Sultan Naga Dimaporo Protected Landscape and Seascape*  
23 *Integrated Protected Area Fund (SNDPLS-IPAF).* — There is hereby established a trust  
24 fund to be known as the Sultan Naga Dimaporo Protected Landscape and Seascape  
25 Integrated Protected Area Fund (SNDPLS-IPAF) for purposes of financing projects of  
26 the SNDPLS and the NIPAS. All income generated from the operation and management  
27 of the SNDPLS shall accrue to the SNDPLS-IPAF. The income shall be derived from  
28 fees of permitted sale and export of flora and fauna and other resources from the  
29 SNDPLS, proceeds from the lease of multiple-use areas, contributions from industries  
30 and facilities directly benefiting from the SNDPLS, and such other fees and income  
31 derived from the operation of the SNDPLS.

1           The PAMB shall retain seventy-five percent (75%) of all revenues raised  
2 through the above means, which shall be deposited in the Protected Area-Retained  
3 Income Account (PA-RIA) in any authorized government depository bank within the  
4 locality: *Provided*, That disbursements out of such deposits shall be used solely for the  
5 protection, maintenance, administration, and management of the SNDPLS and the  
6 implementation of duly approved projects of the PAMB. The remaining twenty-five  
7 percent (25%) of revenues shall be deposited as a special account in the general fund  
8 in the National Treasury for purposes of financing the projects of the NIPAS.

9           The fund may be augmented by grants, donations, and endowments from  
10 various sources, domestic or foreign: *Provided*, That the fund shall be deposited in full  
11 as a special account in the National Treasury and disbursements therefrom shall be  
12 made solely for the protection, maintenance, administration and management of the  
13 NIPAS and duly approved projects endorsed by the PAMB in accordance with existing  
14 accounting, budgeting and auditing rules and regulations: *Provided, further*, That the  
15 fund shall not be used to cover personal services expenditures.

16           The LGUs shall continue to impose and collect all other fees not enumerated  
17 herein which they have traditionally collected, such as business permits, property tax  
18 and rentals of LGUs' facilities.

#### 19   ARTICLE IV

#### 20   MISCELLANEOUS PROVISIONS

21           *Sec. 10. Appropriations.* — The Secretary of the DENR shall immediately  
22 include in the Department's program the implementation of this Act, the funding of  
23 which shall be included in the annual General Appropriations Act.

24           *Sec. 11. Suppletory Application of the NIPAS Law.* — The provisions of  
25 Republic Act No. 7586, as amended by Republic Act No. 11038, shall have suppletory  
26 application to this Act.

27           *Sec. 12. Implementing Rules and Regulations.* — Within ninety (90) days  
28 from the effectivity of this Act, the Secretary of the DENR shall, in consultation with  
29 the local governments of the Municipality of Sultan Naga Dimaporo, the provincial

1 government of Lanao del Norte, and concerned national government agencies, issue  
2 the corresponding rules and regulations for the effective implementation of this Act.

3           Sec. 13. *Separability Clause.* — If any section or provision of this Act is held  
4 unconstitutional or invalid, the remaining sections or provisions not affected thereby  
5 shall continue to be in full force and effect.

6           Sec. 14. *Repealing Clause.* — All laws, decrees, executive orders, rules and  
7 regulations, and other issuances or parts thereof inconsistent with the provisions of  
8 this Act are hereby repealed or modified accordingly.

9           Sec. 15. *Effectivity.* — This Act shall take effect fifteen (15) days after its  
10 complete publication in the *Official Gazette* or in a newspaper of general circulation.

11           *Approved,*



Republic of the Philippines  
Department of Environment and Natural Resources  
**NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY**  
www.namria.gov.ph

## C E R T I F I C A T I O N

### **TO WHOM IT MAY CONCERN:**

THIS IS TO CERTIFY that the technical description (TD) of Senate Bill No. 2189, also referred to as the “Sultan Naga Dimaporo Protected Landscape and Seascape”, is correct in terms of general location and total area; and compliant with the standard bearing-distance format and PRS92 requirement. Further, its linear error of closure is within the allowable limit. The said TD is subject to ground delineation and demarcation.

This Certification is issued upon the request of the Senate Committee on Environment, Natural Resources and Climate Change, Senate, Pasay City.



**Usec. PETER N. TIANGCO, PhD, CESO I**  
Administrator

#### **NAMRIA OFFICES:**

 Lawton Avenue, Fort Bonifacio, 1634 Taguig City, PH  (632) 8810-4831 to 41  
 421 Barraca St., San Nicolas, 1010 Manila, PH  (632) 8241-3494 to 98



**ISO 9001:2015**  
CERTIFIED FOR MAPPING  
AND GEOSPATIAL  
INFORMATION MANAGEMENT

**INVESTORS IN PEOPLE™**  
We invest in people Silver





## SENATE BILL NO. 2189

*“An Act Declaring a Parcel of Land Located in the Municipality of Sultan Naga Dimaporo, in the Province of Lanao Del Norte, a Protected Area with the Category of Protected Landscape and Seascape Under the National Integrated Protected Area System, to be Referred to as the Sultan Naga Dimaporo Protected Landscape and Seascape, Providing for Its Management, and Appropriating Funds Therefor”*

### **TECHNICAL DESCRIPTION**

Beginning at a point marked “1” on the Map, being S 30° 46' 00" W, 33.00 meters from PRS'92 Control Monument **“LAN-3A”** with a geographic coordinate of **7°47'537.5924” Latitude and 123°42'54.54803” Longitude** located at the Barangay Poblacion, Sultan Naga Dimaporo, Lanao Del Norte:

thence	S 89° 17' 11"E	36.56	meters to corner	2;
thence	S 68° 38' 19"E	105.3	meters to corner	3;
thence	S 59° 05' 58"E	213.78	meters to corner	4;
thence	S 67° 31' 50"E	185.45	meters to corner	5;
thence	S 44° 07' 46"E	165.84	meters to corner	6;
thence	S 11° 48' 14"E	35.88	meters to corner	7;
thence	S 19° 57' 30"E	64.1	meters to corner	8;
thence	S 08° 35' 03"E	34.76	meters to corner	9;
thence	S 26° 23' 01"W	20.68	meters to corner	10;
thence	S 31° 59' 43"W	28.86	meters to corner	11;
thence	S 48° 57' 55"W	42.64	meters to corner	12;
thence	S 00° 13' 08"W	26.05	meters to corner	13;
thence	S 37° 45' 49"E	28.74	meters to corner	14;
thence	S 68° 01' 21"E	30.55	meters to corner	15;
thence	S 61° 34' 24"E	179.33	meters to corner	16;
thence	S 60° 55' 37"E	118.07	meters to corner	17;
thence	S 58° 17' 23"E	83.95	meters to corner	18;
thence	S 45° 57' 09"E	89.78	meters to corner	19;
thence	S 37° 39' 59"E	76.83	meters to corner	20;
thence	S 30° 04' 33"E	86.04	meters to corner	21;
thence	S 03° 58' 43"E	31.15	meters to corner	22;
thence	S 08° 28' 39"E	73.24	meters to corner	23;
thence	S 21° 41' 08"E	51.73	meters to corner	24;
thence	S 32° 59' 22"E	71.83	meters to corner	25;
thence	S 22° 49' 30"E	69.13	meters to corner	26;
thence	S 11° 39' 34"E	25.85	meters to corner	27;
thence	S 07° 20' 55"E	61.74	meters to corner	28;
thence	S 11° 54' 27"E	73.91	meters to corner	29;
thence	S 06° 13' 39"E	37.23	meters to corner	30;
thence	S 11° 34' 20"W	27.46	meters to corner	31;
thence	S 36° 10' 53"W	65.96	meters to corner	32;
thence	S 49° 39' 33"E	65.93	meters to corner	33;



thence	S 41°23'34"E	77.25	meters to corner	34;
thence	S 41°48'02"E	77.7	meters to corner	35;
thence	S 27°09'05"E	39.16	meters to corner	36;
thence	S 34°36'35"E	27.44	meters to corner	37;
thence	S 52°53'30"E	67.02	meters to corner	38;
thence	S 39°18'51"E	113.58	meters to corner	39;
thence	S 12°39'23"E	61.92	meters to corner	40;
thence	S 47°07'58"E	63.89	meters to corner	41;
thence	S 32°05'34"E	110.94	meters to corner	42;
thence	S 33°33'37"E	97.62	meters to corner	43;
thence	S 45°09'30"E	71.66	meters to corner	44;
thence	S 54°06'20"E	87.55	meters to corner	45;
thence	S 61°12'48"E	107.52	meters to corner	46;
thence	S 56°10'30"E	58.04	meters to corner	47;
thence	S 36°19'09"E	81.12	meters to corner	48;
thence	S 42°15'52"E	117.96	meters to corner	49;
thence	S 24°11'51"W	31.17	meters to corner	50;
thence	S 04°01'46"W	70.22	meters to corner	51;
thence	S 26°17'51"E	72.55	meters to corner	52;
thence	S 33°50'30"E	55.65	meters to corner	53;
thence	S 30°14'38"E	60.5	meters to corner	54;
thence	S 46°26'41"E	112.14	meters to corner	55;
thence	S 35°35'19"E	49	meters to corner	56;
thence	S 43°33'38"E	88.7	meters to corner	57;
thence	S 35°20'21"E	150.69	meters to corner	58;
thence	S 27°40'31"E	120.29	meters to corner	59;
thence	S 26°42'30"E	91.51	meters to corner	60;
thence	S 27°43'59"E	48.36	meters to corner	61;
thence	S 30°37'07"E	40.53	meters to corner	62;
thence	S 11°51'37"E	68.77	meters to corner	63;
thence	S 03°17'38"E	27.21	meters to corner	64;
thence	S 25°42'13"W	26.34	meters to corner	65;
thence	S 21°37'44"W	23.74	meters to corner	66;
thence	S 08°27'18"W	76.79	meters to corner	67;
thence	S 16°33'57"W	72.38	meters to corner	68;
thence	S 21°18'02"W	50.05	meters to corner	69;
thence	S 28°59'40"E	36.82	meters to corner	70;
thence	S 21°14'28"W	43.01	meters to corner	71;
thence	S 28°40'21"W	55.98	meters to corner	72;
thence	S 04°29'12"E	52.84	meters to corner	73;
thence	S 06°35'26"E	92.79	meters to corner	74;
thence	S 51°26'09"W	58.16	meters to corner	75;
thence	S 18°07'01"W	24.69	meters to corner	76;
thence	S 32°14'12"E	29.43	meters to corner	77;
thence	S 06°14'37"E	31.22	meters to corner	78;



thence	S 17°01'54"W	38.45	meters to corner	79;
thence	S 49°05'02"W	27.44	meters to corner	80;
thence	S 83°16'59"W	53.7	meters to corner	81;
thence	S 83°18'23"W	39.78	meters to corner	82;
thence	S 73°39'36"W	53.69	meters to corner	83;
thence	S 48°25'27"W	33.99	meters to corner	84;
thence	S 54°31'57"W	30.35	meters to corner	85;
thence	S 62°36'13"W	23.29	meters to corner	86;
thence	S 30°45'55"W	25.41	meters to corner	87;
thence	S 29°10'22"W	42.87	meters to corner	88;
thence	S 25°08'41"W	31.65	meters to corner	89;
thence	S 44°24'09"W	42.6	meters to corner	90;
thence	S 12°55'11"W	32.36	meters to corner	91;
thence	S 32°09'47"E	91.69	meters to corner	92;
thence	S 26°49'46"E	72.39	meters to corner	93;
thence	S 07°43'26"E	35.73	meters to corner	94;
thence	S 05°16'08"E	69.68	meters to corner	95;
thence	S 04°58'23"E	31.48	meters to corner	96;
thence	S 08°52'32"E	59.41	meters to corner	97;
thence	S 07°21'49"E	38.96	meters to corner	98;
thence	S 15°20'10"W	38.84	meters to corner	99;
thence	S 86°18'12"W	56.14	meters to corner	100;
thence	S 11°07'11"E	27.15	meters to corner	101;
thence	S 07°24'44"W	30.24	meters to corner	102;
thence	S 16°14'27"W	28.11	meters to corner	103;
thence	S 01°58'02"E	41.6	meters to corner	104;
thence	S 43°57'53"W	39.52	meters to corner	105;
thence	S 28°47'46"W	63.87	meters to corner	106;
thence	S 51°48'12"W	30.62	meters to corner	107;
thence	S 20°15'37"E	37.18	meters to corner	108;
thence	S 49°43'36"E	40.19	meters to corner	109;
thence	S 09°41'01"W	46.21	meters to corner	110;
thence	S 60°50'43"E	26.12	meters to corner	111;
thence	S 23°28'11"E	33.67	meters to corner	112;
thence	S 29°19'16"E	46.23	meters to corner	113;
thence	S 50°04'35"E	65.58	meters to corner	114;
thence	S 50°11'58"E	41.64	meters to corner	115;
thence	S 35°10'29"E	52	meters to corner	116;
thence	S 26°14'34"E	68.69	meters to corner	117;
thence	S 32°45'45"E	52.52	meters to corner	118;
thence	S 30°40'02"E	74.05	meters to corner	119;
thence	S 01°18'28"W	45.65	meters to corner	120;
thence	S 49°28'23"W	28.16	meters to corner	121;
thence	S 61°43'48"W	26.66	meters to corner	122;
thence	N 58°29'43"W	27.51	meters to corner	123;



thence	S 22°33'14"W	23.85	meters to corner	124;
thence	S 52°08'32"E	27.16	meters to corner	125;
thence	S 21°24'22"E	62.28	meters to corner	126;
thence	S 14°35'14"E	34.5	meters to corner	127;
thence	S 04°23'22"E	62.66	meters to corner	128;
thence	S 01°07'40"E	23.76	meters to corner	129;
thence	S 12°24'31"W	29.22	meters to corner	130;
thence	S 37°31'27"W	33.07	meters to corner	131;
thence	S 40°56'28"W	44.01	meters to corner	132;
thence	S 65°20'20"W	26.41	meters to corner	133;
thence	S 43°28'13"W	42.85	meters to corner	134;
thence	S 25°33'08"W	36.76	meters to corner	135;
thence	S 48°53'58"W	62.14	meters to corner	136;
thence	S 11°44'29"W	32.29	meters to corner	137;
thence	S 20°08'13"W	43.82	meters to corner	138;
thence	S 08°43'48"W	37	meters to corner	139;
thence	S 17°59'15"E	49.28	meters to corner	140;
thence	N 67°15'51"E	34.32	meters to corner	141;
thence	S 84°43'53"E	71.54	meters to corner	142;
thence	S 38°46'20"E	81.35	meters to corner	143;
thence	S 27°39'15"E	81.02	meters to corner	144;
thence	S 06°08'55"E	74.85	meters to corner	145;
thence	S 34°15'51"W	31.05	meters to corner	146;
thence	S 10°15'55"W	23.43	meters to corner	147;
thence	S 51°54'09"W	23.65	meters to corner	148;
thence	N 82°43'55"W	25.08	meters to corner	149;
thence	S 79°41'34"W	56.45	meters to corner	150;
thence	S 13°23'30"W	26.74	meters to corner	151;
thence	S 18°13'56"E	55.91	meters to corner	152;
thence	S 25°47'30"W	53.02	meters to corner	153;
thence	S 34°23'18"W	78.35	meters to corner	154;
thence	S 79°44'25"W	51.74	meters to corner	155;
thence	N 70°24'58"W	30.22	meters to corner	156;
thence	S 31°57'04"W	37.52	meters to corner	157;
thence	S 64°06'57"E	25.37	meters to corner	158;
thence	S 27°12'26"E	26.45	meters to corner	159;
thence	S 42°45'12"E	34.87	meters to corner	160;
thence	S 21°22'14"E	40.16	meters to corner	161;
thence	S 42°00'08"E	42.28	meters to corner	162;
thence	S 80°24'00"E	22.87	meters to corner	163;
thence	S 48°11'36"E	42.45	meters to corner	164;
thence	N 15°29'58"E	20.49	meters to corner	165;
thence	N 37°00'48"W	26.19	meters to corner	166;
thence	N 00°22'26"W	22.43	meters to corner	167;
thence	N 06°35'26"E	53.62	meters to corner	168;



thence	N 37° 17' 55" E	24.24	meters to corner	169;
thence	N 67° 51' 16" E	22.3	meters to corner	170;
thence	N 88° 13' 28" E	25.26	meters to corner	171;
thence	S 43° 15' 30" E	64.36	meters to corner	172;
thence	S 67° 42' 43" E	46.43	meters to corner	173;
thence	S 56° 57' 54" E	22.06	meters to corner	174;
thence	N 89° 14' 18" E	28.07	meters to corner	175;
thence	N 64° 03' 25" E	35.59	meters to corner	176;
thence	S 63° 16' 24" E	35.82	meters to corner	177;
thence	S 24° 11' 20" E	20.69	meters to corner	178;
thence	S 05° 20' 46" E	26.19	meters to corner	179;
thence	S 04° 31' 42" E	30.46	meters to corner	180;
thence	S 54° 27' 34" E	78.06	meters to corner	181;
thence	S 10° 55' 00" W	23.82	meters to corner	182;
thence	S 67° 17' 16" E	25.99	meters to corner	183;
thence	N 78° 27' 09" E	33.27	meters to corner	184;
thence	N 65° 45' 47" E	34.72	meters to corner	185;
thence	S 60° 45' 18" E	60.99	meters to corner	186;
thence	S 27° 46' 46" E	22.23	meters to corner	187;
thence	S 19° 30' 09" E	37.91	meters to corner	188;
thence	N 70° 08' 04" E	21.15	meters to corner	189;
thence	N 89° 46' 03" E	26.9	meters to corner	190;
thence	S 61° 00' 51" E	24.18	meters to corner	191;
thence	S 20° 17' 54" E	24.34	meters to corner	192;
thence	S 10° 54' 32" E	25.24	meters to corner	193;
thence	S 04° 19' 04" W	27.2	meters to corner	194;
thence	S 31° 58' 25" E	22.28	meters to corner	195;
thence	S 80° 16' 48" E	20.52	meters to corner	196;
thence	N 76° 36' 30" E	53.7	meters to corner	197;
thence	N 54° 20' 57" E	46.96	meters to corner	198;
thence	N 80° 53' 04" E	67.35	meters to corner	199;
thence	S 70° 50' 04" E	112.17	meters to corner	200;
thence	S 42° 21' 29" E	47.41	meters to corner	201;
thence	S 12° 17' 45" E	166.86	meters to corner	202;
thence	S 65° 45' 10" E	41.73	meters to corner	203;
thence	N 66° 23' 03" E	21.82	meters to corner	204;
thence	N 21° 14' 10" E	27.16	meters to corner	205;
thence	N 06° 10' 58" W	22.92	meters to corner	206;
thence	N 56° 13' 33" W	24.63	meters to corner	207;
thence	N 08° 01' 43" W	67.37	meters to corner	208;
thence	N 34° 47' 30" E	48.88	meters to corner	209;
thence	N 04° 00' 28" E	96.97	meters to corner	210;
thence	N 03° 14' 04" E	117.21	meters to corner	211;
thence	N 12° 58' 20" W	69.97	meters to corner	212;
thence	N 30° 31' 14" E	66.29	meters to corner	213;



thence	N 32°42'41"E	77.86	meters to corner	214;
thence	N 19°34'15"E	54.81	meters to corner	215;
thence	N 16°02'07"W	31.55	meters to corner	216;
thence	N 20°16'45"W	21.55	meters to corner	217;
thence	N 02°58'49"E	45.57	meters to corner	218;
thence	N 13°53'34"W	42.82	meters to corner	219;
thence	N 19°08'24"E	60.17	meters to corner	220;
thence	N 11°20'03"W	43.81	meters to corner	221;
thence	N 51°22'43"W	36.31	meters to corner	222;
thence	N 25°52'36"W	23.19	meters to corner	223;
thence	N 50°52'35"E	97.61	meters to corner	224;
thence	N 74°54'37"E	45.5	meters to corner	225;
thence	N 64°56'12"E	50.84	meters to corner	226;
thence	N 71°47'49"E	68	meters to corner	227;
thence	S 88°47'21"E	92.62	meters to corner	228;
thence	S 07°30'38"E	81.27	meters to corner	229;
thence	S 89°00'10"E	35.86	meters to corner	230;
thence	N 03°21'54"W	19.84	meters to corner	231;
thence	S 89°43'52"W	25.57	meters to corner	232;
thence	N 00°28'27"E	26.39	meters to corner	233;
thence	N 01°28'38"E	37.94	meters to corner	234;
thence	N 86°47'40"E	144.06	meters to corner	235;
thence	S 80°11'58"E	142.63	meters to corner	236;
thence	S 77°35'14"E	157.81	meters to corner	237;
thence	S 71°17'44"E	150.96	meters to corner	238;
thence	S 69°56'05"E	84.59	meters to corner	239;
thence	S 67°44'46"E	148.58	meters to corner	240;
thence	S 60°29'46"E	140.93	meters to corner	241;
thence	S 64°30'34"E	271.87	meters to corner	242;
thence	S 64°30'22"E	205.92	meters to corner	243;
thence	S 63°02'53"E	109.08	meters to corner	244;
thence	S 55°14'14"E	128.2	meters to corner	245;
thence	S 55°10'27"E	122.97	meters to corner	246;
thence	S 47°51'48"E	146.26	meters to corner	247;
thence	S 42°23'50"E	119.22	meters to corner	248;
thence	S 37°06'27"E	156.06	meters to corner	249;
thence	S 37°52'34"E	55.59	meters to corner	250;
thence	S 37°35'13"E	77.67	meters to corner	251;
thence	S 14°51'27"W	50.17	meters to corner	252;
thence	S 12°35'56"E	45.16	meters to corner	253;
thence	S 34°50'51"E	43.61	meters to corner	254;
thence	S 30°09'26"E	52.47	meters to corner	255;
thence	S 16°51'24"E	34.55	meters to corner	256;
thence	S 16°46'04"E	46.16	meters to corner	257;
thence	S 28°38'50"E	38.89	meters to corner	258;



thence	S 55°21'46"E	45.98	meters to corner	259;
thence	S 36°45'56"E	41.7	meters to corner	260;
thence	S 05°16'11"W	76.29	meters to corner	261;
thence	S 19°29'37"E	88.62	meters to corner	262;
thence	S 23°28'55"E	90.95	meters to corner	263;
thence	S 33°43'33"E	121.65	meters to corner	264;
thence	S 32°42'07"E	83.9	meters to corner	265;
thence	S 23°04'45"E	70.27	meters to corner	266;
thence	S 24°33'57"E	94.8	meters to corner	267;
thence	S 43°28'54"E	68.86	meters to corner	268;
thence	S 49°04'41"E	130.83	meters to corner	269;
thence	S 11°05'44"E	29.73	meters to corner	270;
thence	S 22°15'13"E	64.43	meters to corner	271;
thence	S 31°40'57"E	69.73	meters to corner	272;
thence	S 45°44'03"E	47.84	meters to corner	273;
thence	S 80°48'56"E	78.06	meters to corner	274;
thence	S 52°01'02"E	55.68	meters to corner	275;
thence	S 40°31'43"E	84.2	meters to corner	276;
thence	S 34°38'19"E	95.49	meters to corner	277;
thence	S 00°28'25"W	25.2	meters to corner	278;
thence	S 10°25'33"W	40.41	meters to corner	279;
thence	S 22°39'36"W	61.33	meters to corner	280;
thence	S 12°20'35"W	33.96	meters to corner	281;
thence	S 19°49'28"W	63.35	meters to corner	282;
thence	S 16°15'12"W	44.43	meters to corner	283;
thence	S 29°52'00"W	44.83	meters to corner	284;
thence	S 15°44'14"W	51.1	meters to corner	285;
thence	S 44°32'15"W	52.87	meters to corner	286;
thence	S 42°01'36"W	32.7	meters to corner	287;
thence	S 32°52'23"W	90.17	meters to corner	288;
thence	N 74°35'12"W	25.49	meters to corner	289;
thence	S 81°12'23"W	24.96	meters to corner	290;
thence	S 43°26'15"W	57.89	meters to corner	291;
thence	S 04°11'22"W	22.69	meters to corner	292;
thence	S 19°27'28"W	55.52	meters to corner	293;
thence	S 25°20'40"W	30.59	meters to corner	294;
thence	S 52°49'03"W	47.83	meters to corner	295;
thence	S 40°53'41"W	49.89	meters to corner	296;
thence	S 25°58'07"W	46.25	meters to corner	297;
thence	S 09°19'02"E	51.88	meters to corner	298;
thence	S 10°16'54"E	25.55	meters to corner	299;
thence	S 43°59'32"E	20.47	meters to corner	300;
thence	S 82°23'59"E	50.01	meters to corner	301;
thence	N 78°03'41"E	56.08	meters to corner	302;
thence	S 88°33'56"E	43.38	meters to corner	303;



thence	S 09°03'36"W	29.55	meters to corner	304;
thence	S 38°28'16"W	31.05	meters to corner	305;
thence	S 48°27'05"W	38.36	meters to corner	306;
thence	S 66°33'12"W	45.04	meters to corner	307;
thence	S 49°49'05"W	28.59	meters to corner	308;
thence	S 25°13'03"W	58.38	meters to corner	309;
thence	S 13°51'29"W	36.52	meters to corner	310;
thence	S 08°05'11"E	39.51	meters to corner	311;
thence	S 41°32'10"E	28.01	meters to corner	312;
thence	S 40°15'46"E	32.41	meters to corner	313;
thence	S 69°37'13"E	37.53	meters to corner	314;
thence	S 73°43'26"E	48.9	meters to corner	315;
thence	S 72°40'16"E	103.91	meters to corner	316;
thence	S 74°00'51"E	60.18	meters to corner	317;
thence	N 63°47'39"E	52.87	meters to corner	318;
thence	N 56°34'09"E	106.61	meters to corner	319;
thence	S 80°31'45"E	259.09	meters to corner	320;
thence	S 74°45'23"E	110.27	meters to corner	321;
thence	S 87°41'25"E	68.23	meters to corner	322;
thence	N 83°54'29"E	73.5	meters to corner	323;
thence	N 35°35'24"E	80.88	meters to corner	324;
thence	N 29°00'34"E	79.29	meters to corner	325;
thence	N 24°49'16"E	55.1	meters to corner	326;
thence	N 79°17'54"E	62.2	meters to corner	327;
thence	N 83°03'33"E	93.44	meters to corner	328;
thence	N 87°01'54"E	109.61	meters to corner	329;
thence	N 87°54'47"E	65.5	meters to corner	330;
thence	S 87°45'17"E	79.43	meters to corner	331;
thence	S 83°24'55"E	57.08	meters to corner	332;
thence	S 78°23'31"E	158.45	meters to corner	333;
thence	S 65°49'50"E	28.48	meters to corner	334;
thence	N 69°23'31"E	61.09	meters to corner	335;
thence	N 28°19'57"E	62.73	meters to corner	336;
thence	N 30°56'25"E	50.56	meters to corner	337;
thence	N 70°54'34"E	44.08	meters to corner	338;
thence	N 74°28'50"E	91.83	meters to corner	339;
thence	N 69°03'14"E	112.35	meters to corner	340;
thence	N 72°38'20"E	73.7	meters to corner	341;
thence	N 88°08'55"E	104.12	meters to corner	342;
thence	S 81°37'29"E	106.18	meters to corner	343;
thence	S 77°54'41"E	162.65	meters to corner	344;
thence	S 74°47'08"E	227.9	meters to corner	345;
thence	S 71°59'04"E	120.1	meters to corner	346;
thence	S 73°21'49"E	127.57	meters to corner	347;
thence	S 74°45'09"E	225.02	meters to corner	348;





thence	S 72°16'08"E	136.55	meters to corner	349;
thence	S 74°53'02"E	100.58	meters to corner	350;
thence	S 78°25'41"E	71.63	meters to corner	351;
thence	S 62°15'23"E	34.64	meters to corner	352;
thence	S 74°44'17"E	88.37	meters to corner	353;
thence	S 71°50'40"E	74.35	meters to corner	354;
thence	S 72°54'48"E	109.27	meters to corner	355;
thence	S 69°39'16"E	115.19	meters to corner	356;
thence	S 70°53'58"E	112.66	meters to corner	357;
thence	S 70°24'39"E	130.29	meters to corner	358;
thence	S 72°20'06"E	115.26	meters to corner	359;
thence	S 67°35'18"E	118.75	meters to corner	360;
thence	S 67°42'00"E	56.75	meters to corner	361;
thence	S 86°01'24"E	62.09	meters to corner	362;
thence	N 82°40'02"E	74.62	meters to corner	363;
thence	S 89°32'01"E	59.73	meters to corner	364;
thence	S 59°00'28"E	41.12	meters to corner	365;
thence	S 33°45'47"E	84.83	meters to corner	366;
thence	S 67°02'27"E	48.64	meters to corner	367;
thence	S 66°37'08"E	107.87	meters to corner	368;
thence	S 67°25'51"E	82.88	meters to corner	369;
thence	S 70°28'25"E	90.4	meters to corner	370;
thence	S 70°37'17"E	113.2	meters to corner	371;
thence	S 60°17'52"E	37.48	meters to corner	372;
thence	S 29°36'33"E	42.88	meters to corner	373;
thence	S 03°30'17"E	41.28	meters to corner	374;
thence	S 63°19'05"E	27.99	meters to corner	375;
thence	S 87°45'51"E	36.65	meters to corner	376;
thence	S 80°10'38"E	48.9	meters to corner	377;
thence	S 33°19'07"E	51.5	meters to corner	378;
thence	S 12°30'39"W	39.08	meters to corner	379;
thence	S 46°13'10"E	31.73	meters to corner	380;
thence	S 44°02'45"E	50.55	meters to corner	381;
thence	S 15°16'42"E	23.21	meters to corner	382;
thence	N 85°18'32"E	46.63	meters to corner	383;
thence	N 66°11'09"E	48.84	meters to corner	384;
thence	N 73°45'48"E	43	meters to corner	385;
thence	N 84°23'48"E	33.82	meters to corner	386;
thence	S 89°16'59"E	51.11	meters to corner	387;
thence	N 82°11'10"E	56.69	meters to corner	388;
thence	N 83°44'47"E	34.31	meters to corner	389;
thence	S 89°31'50"E	53.7	meters to corner	390;
thence	S 78°25'44"E	77.31	meters to corner	391;
thence	S 72°50'07"E	28.43	meters to corner	392;
thence	S 62°18'17"E	43.52	meters to corner	393;



thence	S 73°28'18"E	57.73	meters to corner	394;
thence	S 77°29'32"E	55.19	meters to corner	395;
thence	S 80°12'37"E	71.12	meters to corner	396;
thence	S 85°40'59"E	59.21	meters to corner	397;
thence	S 88°31'28"E	62.86	meters to corner	398;
thence	S 86°29'06"E	62.32	meters to corner	399;
thence	N 89°52'13"E	21.11	meters to corner	400;
thence	S 75°16'22"E	55.72	meters to corner	401;
thence	N 41°37'15"E	26.68	meters to corner	402;
thence	N 36°18'04"E	23.81	meters to corner	403;
thence	N 64°42'18"E	35.2	meters to corner	404;
thence	N 89°01'30"E	45.31	meters to corner	405;
thence	S 84°29'24"E	37.69	meters to corner	406;
thence	S 83°18'28"E	60.76	meters to corner	407;
thence	S 85°28'43"E	46.34	meters to corner	408;
thence	N 85°52'06"E	47.12	meters to corner	409;
thence	N 76°55'43"E	35.75	meters to corner	410;
thence	N 67°47'49"E	41.2	meters to corner	411;
thence	N 56°26'01"E	29.42	meters to corner	412;
thence	N 37°57'29"E	41.55	meters to corner	413;
thence	N 21°49'39"E	26.83	meters to corner	414;
thence	N 23°36'55"E	41.11	meters to corner	415;
thence	N 73°52'28"E	41.74	meters to corner	416;
thence	N 79°28'56"E	48.74	meters to corner	417;
thence	N 75°12'33"E	73.12	meters to corner	418;
thence	N 80°08'33"E	41.01	meters to corner	419;
thence	S 86°20'39"E	31.77	meters to corner	420;
thence	N 69°50'28"E	22.56	meters to corner	421;
thence	N 51°01'58"E	49.76	meters to corner	422;
thence	N 73°09'00"E	45.27	meters to corner	423;
thence	N 74°13'52"E	58.75	meters to corner	424;
thence	N 80°09'08"E	69.01	meters to corner	425;
thence	N 88°29'46"E	71.65	meters to corner	426;
thence	S 64°11'14"E	42.29	meters to corner	427;
thence	N 79°38'31"E	55.01	meters to corner	428;
thence	N 79°04'38"E	48.05	meters to corner	429;
thence	N 52°27'03"E	25.04	meters to corner	430;
thence	N 57°57'45"E	36.3	meters to corner	431;
thence	N 80°45'01"E	39.23	meters to corner	432;
thence	N 83°38'39"E	55.72	meters to corner	433;
thence	N 89°37'22"E	76.77	meters to corner	434;
thence	N 84°49'48"E	89.04	meters to corner	435;
thence	N 77°59'20"E	89.62	meters to corner	436;
thence	N 63°29'37"E	34.46	meters to corner	437;
thence	N 78°27'24"E	59.96	meters to corner	438;



thence	S 80°30'38"E	55.96	meters to corner	439;
thence	S 80°48'22"E	24.42	meters to corner	440;
thence	S 53°53'00"E	69.96	meters to corner	441;
thence	S 79°22'28"E	24.33	meters to corner	442;
thence	S 84°29'21"E	34.66	meters to corner	443;
thence	S 63°40'11"E	53.02	meters to corner	444;
thence	S 81°05'23"E	66.69	meters to corner	445;
thence	S 70°08'13"E	29.54	meters to corner	446;
thence	S 59°22'20"E	39.66	meters to corner	447;
thence	S 61°21'09"E	46.41	meters to corner	448;
thence	S 65°40'30"E	36.56	meters to corner	449;
thence	S 68°22'44"E	67.78	meters to corner	450;
thence	S 66°17'26"E	52.17	meters to corner	451;
thence	S 73°54'07"E	59.84	meters to corner	452;
thence	S 59°58'09"E	48.86	meters to corner	453;
thence	S 77°28'05"E	67.51	meters to corner	454;
thence	N 71°53'39"E	72.12	meters to corner	455;
thence	S 43°14'44"W	1694.16	meters to corner	456;
thence	S 14°58'26"W	1387.37	meters to corner	457;
thence	N 77°16'50"W	2143.94	meters to corner	458;
thence	N 63°58'16"W	2246.1	meters to corner	459;
thence	S 79°45'10"W	2230.11	meters to corner	460;
thence	N 69°50'03"W	2252.66	meters to corner	461;
thence	N 36°10'39"W	1391.69	meters to corner	462;
thence	N 54°58'12"W	1507.73	meters to corner	463;
thence	N 76°38'13"W	1745.39	meters to corner	464;
thence	N 30°21'08"W	2156.19	meters to corner	465;
thence	N 03°00'23"W	3009.55	meters to corner	466;
thence	N 28°53'38"W	1479.52	meters to corner	467;
thence	N 62°08'56"W	1990.45	meters to corner	468;
thence	N 70°15'36"W	2167.13	meters to corner	469;
thence	N 17°17'48"W	967.86	meters to corner	470;
thence	N 72°42'52"W	5935.69	meters to corner	471;
thence	N 12°14'35"E	2708.88	meters to corner	472;
thence	N 71°24'40"E	145.95	meters to corner	473;
thence	S 84°43'19"E	127.32	meters to corner	474;
thence	S 66°03'14"E	92.58	meters to corner	475;
thence	S 24°58'35"E	51.89	meters to corner	476;
thence	S 32°59'03"E	73.02	meters to corner	477;
thence	S 14°50'29"E	53.37	meters to corner	478;
thence	S 05°06'30"E	23.99	meters to corner	479;
thence	S 29°38'34"E	120.24	meters to corner	480;
thence	S 02°50'24"E	86.61	meters to corner	481;
thence	S 05°03'08"E	72.68	meters to corner	482;
thence	S 01°58'14"W	45.82	meters to corner	483;



thence	S 59°48'10"E	55.15	meters to corner	484;
thence	S 36°08'00"E	76.92	meters to corner	485;
thence	S 39°50'18"E	64.85	meters to corner	486;
thence	S 50°54'14"E	102.87	meters to corner	487;
thence	S 65°56'36"E	81.68	meters to corner	488;
thence	S 89°08'28"E	91.44	meters to corner	489;
thence	S 76°38'50"E	94.33	meters to corner	490;
thence	S 74°13'54"E	81.86	meters to corner	491;
thence	N 60°38'13"E	41.35	meters to corner	492;
thence	S 62°09'26"E	34.2	meters to corner	493;
thence	S 67°46'03"E	73.81	meters to corner	494;
thence	N 73°37'26"E	53.6	meters to corner	495;
thence	N 80°22'43"E	107.49	meters to corner	496;
thence	S 84°03'00"E	51.11	meters to corner	497;
thence	S 61°13'40"E	78.92	meters to corner	498;
thence	S 65°01'51"E	86.54	meters to corner	499;
thence	S 83°43'46"E	116.64	meters to corner	500;
thence	N 85°21'40"E	90.39	meters to corner	501;
thence	S 71°10'10"E	63.96	meters to corner	502;
thence	S 87°03'13"E	75.08	meters to corner	503;
thence	S 63°43'41"E	77.85	meters to corner	504;
thence	S 12°49'44"W	37.65	meters to corner	505;
thence	S 69°55'08"E	36.05	meters to corner	506;
thence	N 29°34'42"E	39.81	meters to corner	507;
thence	N 89°19'08"E	129.91	meters to corner	508;
thence	S 42°23'01"E	42.29	meters to corner	509;
thence	N 78°34'37"E	141.61	meters to corner	510;
thence	N 39°57'59"E	46.2	meters to corner	511;
thence	N 88°16'26"E	50.91	meters to corner	512;
thence	N 83°44'32"E	45.96	meters to corner	513;
thence	S 81°00'55"E	68.04	meters to corner	514;
thence	N 40°06'15"E	29.84	meters to corner	515;
thence	N 72°44'53"E	46.05	meters to corner	516;
thence	S 74°07'09"E	80.02	meters to corner	517;
thence	N 71°53'51"E	30.24	meters to corner	518;
thence	S 85°46'35"E	55.68	meters to corner	519;
thence	N 49°02'23"E	38.71	meters to corner	520;
thence	S 85°56'41"E	51.66	meters to corner	521;
thence	N 53°04'06"E	32.19	meters to corner	522;
thence	N 86°17'16"E	69.31	meters to corner	523;
thence	S 75°35'34"E	130.43	meters to corner	524;
thence	S 11°41'44"W	52.46	meters to corner	525;
thence	S 85°59'30"E	45.76	meters to corner	526;
thence	S 87°11'43"E	76.62	meters to corner	527;
thence	N 26°43'59"E	60.4	meters to corner	528;



thence	N 10°23'15"W	37.8	meters to corner	529;
thence	N 44°58'10"W	67.43	meters to corner	530;
thence	N 24°07'22"W	42.2	meters to corner	531;
thence	N 16°26'36"E	57.59	meters to corner	532;
thence	S 45°21'52"E	44.45	meters to corner	533;
thence	S 29°23'04"E	111.8	meters to corner	534;
thence	S 59°27'11"E	120.59	meters to corner	535;
thence	S 24°48'23"W	38.66	meters to corner	536;
thence	S 64°58'02"E	93.92	meters to corner	537;
thence	S 10°49'38"W	23.3	meters to corner	538;
thence	S 83°00'54"E	25.8	meters to corner	539;
thence	S 64°04'51"E	101.21	meters to corner	540;
thence	S 57°42'12"E	120.73	meters to corner	541;
thence	S 42°09'38"E	60.66	meters to corner	542;
thence	N 39°10'53"E	53.5	meters to corner	543;
thence	S 73°46'47"E	84.51	meters to corner	544;
thence	S 66°55'16"E	89.31	meters to corner	545;
thence	S 66°12'45"E	123.81	meters to corner	546;
thence	S 63°34'03"E	92.43	meters to corner	547;
thence	S 60°15'52"E	44.75	meters to corner	548;
thence	N 75°32'20"E	47.6	meters to corner	549;
thence	S 84°18'00"E	108.89	meters to corner	550;
thence	S 86°33'25"E	103.56	meters to corner	551;
thence	S 88°21'19"E	66.89	meters to corner	552;
thence	S 62°31'37"E	25.44	meters to corner	553;
thence	S 78°25'14"E	38.01	meters to corner	554;
thence	S 60°24'13"E	28.83	meters to corner	555;
thence	S 11°36'10"W	25.46	meters to corner	556;
thence	S 78°17'24"E	52.21	meters to corner	557;
thence	S 75°46'37"E	106.59	meters to corner	558;
thence	N 28°26'10"E	107.17	meters to corner	559;
thence	N 33°38'23"E	44.86	meters to corner	560;
thence	S 35°12'22"E	38.29	meters to corner	561;
thence	S 83°03'31"E	74.63	meters to corner	562;
thence	S 01°11'30"E	23.3	meters to corner	563;
thence	S 41°44'38"E	41.96	meters to corner	564;
thence	N 50°24'04"E	74.18	meters to corner	565;
thence	S 42°55'25"E	78.64	meters to corner	566;
thence	S 13°08'30"E	60.33	meters to corner	567;
thence	S 45°56'26"E	27.61	meters to corner	568;
thence	N 83°32'06"E	22.46	meters to corner	569;
thence	N 07°49'06"E	55.23	meters to corner	570;
thence	N 39°47'57"E	46.72	meters to corner	571;
thence	N 60°10'54"E	40.85	meters to corner	572;
thence	N 75°07'25"E	103.83	meters to corner	573;



thence	S 03°16'31"W	87.18	meters to corner	574;
thence	S 31°22'52"W	30.4	meters to corner	575;
thence	N 84°18'40"E	64.07	meters to corner	576;
thence	S 58°11'24"E	49.1	meters to corner	577;
thence	S 59°22'41"E	131.63	meters to corner	578;
thence	N 77°20'38"E	76.96	meters to corner	579;
thence	N 24°59'58"E	114.05	meters to corner	580;
thence	N 58°04'13"E	38.42	meters to corner	581;
thence	S 08°44'11"E	132.2	meters to corner	582;
thence	S 26°40'59"W	67.04	meters to corner	583;
thence	S 41°12'05"W	63.78	meters to corner	584;
thence	S 75°40'56"W	60.52	meters to corner	585;
thence	S 66°51'42"E	69	meters to corner	586;
thence	S 71°53'21"E	192.64	meters to corner	587;
thence	S 71°22'33"E	106.54	meters to corner	588;
thence	S 70°35'12"E	60.79	meters to corner	589;
thence	S 62°09'21"E	29.46	meters to corner	590;
thence	S 83°52'39"E	75.84	meters to corner	591;
thence	S 48°35'22"E	51.46	meters to corner	592;
thence	S 75°22'31"E	148.92	meters to corner	593;
thence	N 80°35'32"E	116.25	meters to corner	594;
thence	N 71°31'35"E	91.7	meters to corner	595;
thence	N 86°53'33"E	118.54	meters to corner	596;
thence	S 81°43'59"E	183.13	meters to corner	597;
thence	S 69°28'31"E	165.77	meters to corner	598;
thence	S 54°26'33"E	59.66	meters to corner	599;
thence	S 61°01'52"E	96.2	meters to corner	600;
thence	S 75°31'14"E	74.01	meters to corner	601;
thence	N 76°52'24"E	86.69	meters to corner	602;
thence	S 76°43'20"E	146.68	meters to corner	603;
thence	S 72°18'31"E	150.93	meters to corner	604;
thence	S 61°49'07"E	228.04	meters to corner	605;
thence	S 46°45'18"E	88.1	meters to corner	606;
thence	S 32°41'43"E	94.09	meters to corner	607;
thence	S 28°28'43"E	77.04	meters to corner	608;
thence	S 23°47'46"E	83.52	meters to corner	609;
thence	S 12°03'29"E	100.53	meters to corner	610;
thence	S 16°49'36"W	35.24	meters to corner	611;
thence	S 14°05'53"W	70.85	meters to corner	612;
thence	S 22°00'55"E	50.99	meters to corner	613;
thence	S 16°42'11"W	48.2	meters to corner	614;
thence	S 20°55'02"E	92.52	meters to corner	615;
thence	S 30°45'46"E	41.57	meters to corner	616;
thence	S 63°41'21"E	49.76	meters to corner	617;
thence	N 58°44'35"E	63.47	meters to corner	618;



thence	N 26°35'29"E	46.76	meters to corner	619;
thence	N 72°30'56"E	110.8	meters to corner	620;
thence	S 26°06'37"E	124.89	meters to corner	621;
thence	S 10°19'22"E	75.69	meters to corner	622;
thence	S 11°09'48"E	25.51	meters to corner	623;
thence	S 66°29'02"E	55.1	meters to corner	624;
thence	S 35°59'10"E	135.82	meters to corner	625;
thence	S 53°59'55"W	184.14	meters to corner	626;
thence	N 46°21'58"W	132.25	meters to corner	627;
thence	S 50°16'11"W	127.49	meters to corner	628;
thence	N 82°03'59"W	32.17	meters to corner	629;
thence	N 84°25'21"W	67.82	meters to corner	630;
thence	S 84°02'28"W	74.9	meters to corner	631;
thence	S 81°47'26"W	92.31	meters to corner	632;
thence	S 71°51'10"W	38.94	meters to corner	633;
thence	S 72°47'32"W	90.02	meters to corner	634;
thence	S 00°29'03"E	23.61	meters to corner	635;
thence	S 52°10'52"W	39.73	meters to corner	636;
thence	S 44°20'49"W	22.06	meters to corner	637;
thence	S 11°00'39"E	43.04	meters to corner	638;
thence	S 00°41'01"E	55.17	meters to corner	639;
thence	S 02°53'42"E	42.67	meters to corner	640;
thence	S 01°21'38"E	42.05	meters to corner	641;
thence	S 10°17'12"W	51.38	meters to corner	642;
thence	S 18°26'28"W	48.19	meters to corner	643;
thence	S 23°06'59"W	61.07	meters to corner	644;
thence	S 16°06'24"W	43.4	meters to corner	645;
thence	S 35°29'51"E	52.12	meters to corner	646;
thence	S 63°49'31"E	32.23	meters to corner	647;
thence	N 70°19'16"E	39.76	meters to corner	648;
thence	N 62°49'23"E	85.69	meters to corner	649;
thence	N 59°42'01"E	87.88	meters to corner	650;
thence	N 41°02'54"E	57.64	meters to corner	651;
thence	N 33°12'44"E	51.89	meters to corner	652;
thence	N 78°07'30"E	47.78	meters to corner	653;
thence	S 88°31'42"E	104.03	meters to corner	654;
thence	S 80°30'23"E	101.64	meters to corner	655;
thence	S 84°59'37"E	109.04	meters to corner	656;
thence	S 79°44'22"E	109.6	meters to corner	657;
thence	S 82°26'07"E	60.5	meters to corner	658;
thence	S 73°34'08"E	78.23	meters to corner	659;
thence	S 76°23'04"E	102.48	meters to corner	660;
thence	S 76°18'45"E	268.37	meters to corner	661;
thence	S 75°53'54"E	249.67	meters to corner	662;
thence	S 76°29'26"E	144.49	meters to corner	663;



thence	S 71°37'32"E	99.3	meters to corner	664;
thence	S 89°30'07"E	47.59	meters to corner	665;
thence	S 67°55'26"E	57.12	meters to corner	666;
thence	S 72°40'13"E	118.4	meters to corner	667;
thence	S 73°04'52"E	142.92	meters to corner	668;
thence	S 68°17'55"E	93.86	meters to corner	669;
thence	S 69°58'34"E	283.21	meters to corner	670;
thence	S 67°22'55"E	96.34	meters to corner	671;
thence	S 68°27'46"E	138.43	meters to corner	672;
thence	S 56°05'08"E	144.65	meters to corner	673;
thence	S 29°02'31"W	345.09	meters to corner	674;
thence	S 61°45'32"E	10.08	meters to corner	675;
thence	N 30°23'03"E	61.37	meters to corner	676;
thence	S 63°02'14"E	49.13	meters to corner	677;
thence	N 28°47'31"E	47.22	meters to corner	678;
thence	N 59°06'35"W	49.53	meters to corner	679;
thence	N 29°50'40"E	124.1	meters to corner	1

the point of beginning, containing an area of **EIGHT THOUSAND ONE HUNDRED FORTY-TWO (8,142)** hectares more or less. Bearings and Distances of lines were derived using the PRS 92 Philippines Zone V coordinate system, subject to ground delineation and demarcation. The geographic coordinates of the control monument "LAN-3A" is based on re-observed data.