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SENATE

S. NO. 2252

RECEIVED BY: _____

(In substitution of S.B. Nos. 354 and 1259)

Prepared jointly by the Committees on Environment, Natural Resources and Climate Change and on Finance with Senators Villar (C.), Marcos, Legarda, and Angara)

AN ACT
DECLARING A PARCEL OF LAND LOCATED IN THE MUNICIPALITY OF PAOAY IN THE PROVINCE OF ILOCOS NORTE, A PROTECTED AREA WITH THE CATEGORY OF PROTECTED LANDSCAPE UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM, TO BE REFERRED TO AS THE PAOAY LAKE PROTECTED LANDSCAPE, 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 “Paoay Lake Protected
2 Landscape 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 Paoay Lake, as well as their aesthetic and ecological
3 importance, a parcel of land located in Barangays Nanguyudan, Nagbacalan, Suba
4 and Sungadan in the Municipality of Paoay, Province of Ilocos Norte, is hereby
5 declared a protected area under the category of protected landscape, and shall
6 hereinafter be referred to as the Paoay Lake Protected Landscape (PLPL). As such,
7 the State shall ensure the conservation, protection, management and rehabilitation
8 of the area. It is likewise recognized that effective administration of this area is
9 possible only through cooperation among the National Government, local government
10 units (LGUs), concerned nongovernmental organizations (NGOs), private entities and
11 local communities. The use and enjoyment of this area must be consistent with the
12 principles of biological diversity and sustainable development.

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

17 *Sec. 3. Definition of Terms.* – As used in this Act:

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

21 (b) *Conservation* refers to any act or acts of preservation and sustainable
22 utilization of wildlife or maintenance, restoration and enhancement of habitats;

23 (c) *Indigenous cultural communities/indigenous peoples* refer to groups of
24 people sharing common bonds of language, customs, traditions, and other distinctive

1 cultural traits, and who have, since time immemorial occupied, possessed and utilized
2 a territory;

3 (d) *National park* refers to land of the public domain classified as such in the
4 Constitution which includes all areas under the NIPAS, primarily designated for the
5 conservation of native plants and animals, their associated habitats and cultural
6 diversity;

7 (e) *Protected area* refers to an identified portion of land and water set aside
8 by reason of its unique physical and biological significance, managed to enhance
9 biological diversity and protected against destructive human exploitation;

10 (f) *Protected landscape* refers to an area of national significance which is
11 characterized by the harmonious interaction of human and land and water while
12 providing opportunities for public enjoyment through recreation, tourism, and other
13 economic activities; and

14 (g) *Tenured migrants* refer to protected area occupants who are presently
15 occupying, and have been actually and continuously occupying, a portion of the
16 protected area for five (5) years before the same was established by proclamation or
17 law as a protected area, and are solely dependent therein for subsistence.

18 *Sec. 4. Classification as a National Park.* – The PLPL is comprised of a parcel of
19 land of the public domain located in the Municipality of Paoay in the Province of Ilocos
20 Norte. All lands of the public domain within the coverage and scope of the PLPL shall
21 fall under the classification of national park as provided for in Article XII, Section 3 of
22 the Constitution.

23 *Sec. 5. Scope and Coverage.* – The boundaries of the PLPL are more particularly
24 described as the area beginning at a point marked "1" on the Map, being N 69° 34'

1 44" W., 424.45 meters from PRS Control Monument "ILN-3040" with geographic
2 coordinates of 18° 06' 59.85619" Latitude and 120° 33' 13.09541" Longitude located
3 at Barangay Nanguyudan, Municipality of Paoay, Province of Ilocos Norte,

4	thence	S 08° 32' 45" W	6.59	meters to corner 2;
5	thence	S 58° 55' 15" E	35.71	meters to corner 3;
6	thence	S 07° 15' 15" E	20.49	meters to corner 4;
7	thence	S 64° 41' 15" E	26.95	meters to corner 5;
8	thence	N 47° 00' 45" E	58.64	meters to corner 6;
9	thence	S 45° 54' 15" E	56.89	meters to corner 7;
10	thence	S 01° 15' 46" W	68.10	meters to corner 8;
11	thence	S 44° 18' 14" E	29.18	meters to corner 9;
12	thence	S 39° 43' 14" E	21.33	meters to corner 10;
13	thence	S 52° 49' 46" W	7.32	meters to corner 11;
14	thence	N 71° 33' 14" W	14.77	meters to corner 12;
15	thence	S 39° 00' 46" W	22.11	meters to corner 13;
16	thence	S 80° 10' 46" W	50.93	meters to corner 14;
17	thence	S 68° 07' 46" W	45.16	meters to corner 15;
18	thence	S 01° 46' 14" E	40.95	meters to corner 16;
19	thence	S 89° 58' 46" W	15.10	meters to corner 17;
20	thence	N 78° 26' 14" W	24.30	meters to corner 18;
21	thence	N 76° 25' 14" W	61.22	meters to corner 19;
22	thence	N 38° 46' 14" W	91.25	meters to corner 20;
23	thence	N 57° 45' 14" W	36.33	meters to corner 21;
24	thence	N 76° 27' 14" W	18.97	meters to corner 22;

1	thence	S 66° 33' 46" W	61.43	meters to corner 23;
2	thence	N 76° 27' 14" W	53.22	meters to corner 24;
3	thence	N 31° 44' 14" W	16.82	meters to corner 25;
4	thence	N 08° 19' 46" E	103.47	meters to corner 26;
5	thence	N 83° 35' 15" W	8.83	meters to corner 27;
6	thence	S 10° 01' 46" W	211.69	meters to corner 28;
7	thence	S 13° 29' 14" E	93.67	meters to corner 29;
8	thence	S 32° 21' 14" E	39.91	meters to corner 30;
9	thence	S 19° 35' 14" E	31.25	meters to corner 31;
10	thence	S 13° 24' 46" W	50.80	meters to corner 32;
11	thence	S 21° 08' 46" W	40.22	meters to corner 33;
12	thence	S 19° 21' 46" W	30.12	meters to corner 34;
13	thence	S 67° 34' 14" E	31.61	meters to corner 35;
14	thence	S 22° 26' 14" E	55.80	meters to corner 36;
15	thence	S 00° 31' 46" W	16.02	meters to corner 37;
16	thence	S 22° 43' 46" W	26.59	meters to corner 38;
17	thence	S 63° 07' 46" W	26.62	meters to corner 39;
18	thence	S 74° 09' 46" W	105.47	meters to corner 40;
19	thence	S 54° 21' 46" W	42.07	meters to corner 41;
20	thence	S 42° 42' 46" W	16.52	meters to corner 42;
21	thence	S 13° 40' 46" W	20.89	meters to corner 43;
22	thence	S 33° 47' 14" E	31.63	meters to corner 44;
23	thence	S 09° 42' 14" E	32.80	meters to corner 45;
24	thence	S 26° 01' 46" W	32.17	meters to corner 46;

1	thence	S 67° 14' 46" W	24.73	meters to corner 47;
2	thence	S 39° 50' 46" W	35.42	meters to corner 48;
3	thence	S 20° 06' 46" W	86.06	meters to corner 49;
4	thence	S 39° 09' 46" W	28.42	meters to corner 50;
5	thence	S 50° 40' 46" W	87.32	meters to corner 51;
6	thence	N 64° 11' 14" W	22.61	meters to corner 52;
7	thence	N 53° 38' 14" W	20.01	meters to corner 53;
8	thence	N 37° 58' 14" W	69.37	meters to corner 54;
9	thence	N 15° 10' 14" W	13.25	meters to corner 55;
10	thence	N 53° 37' 14" W	31.94	meters to corner 56;
11	thence	N 39° 46' 14" W	20.57	meters to corner 57;
12	thence	N 15° 15' 14" W	9.39	meters to corner 58;
13	thence	N 15° 15' 14" W	14.85	meters to corner 59;
14	thence	N 31° 05' 46" E	104.33	meters to corner 60;
15	thence	N 31° 05' 46" E	6.62	meters to corner 61;
16	thence	N 31° 03' 46" E	6.74	meters to corner 62;
17	thence	N 31° 03' 46" E	11.42	meters to corner 63;
18	thence	N 56° 25' 46" E	3.62	meters to corner 64;
19	thence	N 26° 14' 46" E	7.52	meters to corner 65;
20	thence	N 27° 15' 46" E	22.46	meters to corner 66;
21	thence	N 20° 06' 46" E	22.96	meters to corner 67;
22	thence	N 03° 48' 14" W	16.55	meters to corner 68;
23	thence	N 12° 24' 46" E	27.57	meters to corner 69;
24	thence	N 24° 49' 46" E	49.54	meters to corner 70;

1	thence	N 29° 40' 46" E	16.77	meters to corner 71;
2	thence	N 22° 51' 46" E	23.96	meters to corner 72;
3	thence	N 22° 51' 46" E	11.10	meters to corner 73;
4	thence	N 20° 47' 46" E	10.76	meters to corner 74;
5	thence	N 24° 22' 46" E	10.84	meters to corner 75;
6	thence	N 36° 55' 46" E	10.86	meters to corner 76;
7	thence	N 17° 08' 46" E	54.03	meters to corner 77;
8	thence	N 22° 47' 14" W	20.61	meters to corner 78;
9	thence	N 58° 49' 14" W	13.12	meters to corner 79;
10	thence	N 78° 40' 14" W	70.97	meters to corner 80;
11	thence	N 23° 12' 14" W	23.66	meters to corner 81;
12	thence	N 76° 58' 14" W	106.02	meters to corner 82;
13	thence	S 84° 10' 46" W	44.72	meters to corner 82;
14	thence	S 70° 21' 46" W	25.33	meters to corner 84;
15	thence	S 70° 21' 46" W	55.18	meters to corner 85;
16	thence	S 70° 21' 46" W	56.30	meters to corner 86;
17	thence	S 47° 38' 46" W	26.23	meters to corner 87;
18	thence	S 70° 39' 46" W	22.40	meters to corner 88;
19	thence	N 82° 56' 14" W	14.72	meters to corner 89;
20	thence	N 75° 38' 14" W	10.64	meters to corner 90;
21	thence	N 75° 20' 14" W	5.54	meters to corner 91;
22	thence	N 77° 01' 14" W	7.83	meters to corner 92;
23	thence	N 66° 27' 14" W	19.07	meters to corner 93;
24	thence	N 50° 40' 14" W	19.74	meters to corner 94;

1	thence	N 49° 14' 14" W	19.34	meters to corner 95;
2	thence	N 51° 12' 14" W	24.51	meters to corner 96;
3	thence	N 15° 46' 14" W	27.91	meters to corner 97;
4	thence	N 24° 03' 14" W	51.16	meters to corner 98;
5	thence	N 19° 26' 14" W	36.68	meters to corner 99;
6	thence	N 07° 48' 14" W	30.61	meters to corner 100;
7	thence	N 10° 49' 14" W	15.01	meters to corner 101;
8	thence	N 20° 32' 14" W	46.11	meters to corner 102;
9	thence	N 11° 57' 14" W	88.43	meters to corner 103;
10	thence	N 38° 34' 15" W	165.92	meters to corner 104;
11	thence	N 36° 15' 15" W	78.92	meters to corner 105;
12	thence	N 66° 27' 15" W	47.78	meters to corner 106;
13	thence	S 81° 57' 45" W	2.94	meters to corner 107;
14	thence	S 87° 19' 45" W	28.74	meters to corner 108;
15	thence	S 76° 15' 45" W	28.10	meters to corner 109;
16	thence	S 53° 50' 45" W	32.91	meters to corner 110;
17	thence	S 32° 06' 45" W	31.32	meters to corner 111;
18	thence	S 09° 00' 45" W	16.01	meters to corner 112;
19	thence	S 00° 34' 45" W	34.77	meters to corner 113;
20	thence	S 06° 41' 45" W	32.32	meters to corner 114;
21	thence	S 26° 41' 45" W	55.29	meters to corner 115;
22	thence	S 49° 11' 46" W	17.77	meters to corner 116;
23	thence	S 37° 32' 46" W	38.81	meters to corner 117;
24	thence	S 40° 48' 46" W	84.17	meters to corner 118;

1	thence	S 46° 45' 46" W	25.41	meters to corner 119;
2	thence	S 37° 55' 46" W	57.44	meters to corner 120;
3	thence	S 32° 29' 46" W	32.41	meters to corner 121;
4	thence	S 40° 19' 46" W	21.15	meters to corner 122;
5	thence	S 41° 54' 46" W	9.55	meters to corner 123;
6	thence	S 37° 59' 46" W	10.56	meters to corner 124;
7	thence	S 39° 05' 46" W	78.40	meters to corner 125;
8	thence	S 50° 50' 14" E	8.16	meters to corner 126;
9	thence	S 76° 36' 14" E	39.67	meters to corner 127;
10	thence	S 55° 47' 14" E	27.35	meters to corner 128;
11	thence	S 16° 18' 14" E	16.11	meters to corner 129;
12	thence	S 12° 52' 14" E	18.88	meters to corner 130;
13	thence	S 13° 41' 14" E	12.95	meters to corner 131;
14	thence	S 08° 13' 14" E	2.72	meters to corner 132;
15	thence	S 16° 07' 14" E	9.88	meters to corner 133;
16	thence	S 20° 05' 14" E	27.60	meters to corner 134;
17	thence	S 22° 18' 14" E	15.34	meters to corner 135;
18	thence	S 18° 20' 14" E	35.71	meters to corner 136;
19	thence	S 03° 07' 46" W	12.55	meters to corner 137;
20	thence	S 11° 52' 46" W	20.50	meters to corner 138;
21	thence	S 07° 05' 46" W	17.79	meters to corner 139;
22	thence	S 04° 14' 46" W	16.47	meters to corner 140;
23	thence	N 04° 42' 14" W	0.14	meters to corner 141;
24	thence	S 00° 36' 46" W	18.19	meters to corner 142;

1	thence	S 04° 45' 46" W	14.69	meters to corner 143;
2	thence	S 02° 28' 46" W	12.78	meters to corner 144;
3	thence	S 11° 08' 14" E	15.05	meters to corner 145;
4	thence	S 14° 49' 14" E	19.42	meters to corner 146;
5	thence	S 03° 03' 46" W	21.60	meters to corner 147;
6	thence	S 24° 35' 46" W	21.60	meters to corner 148;
7	thence	S 30° 37' 46" W	36.01	meters to corner 149;
8	thence	S 35° 39' 46" W	26.74	meters to corner 150;
9	thence	S 35° 39' 46" W	11.52	meters to corner 151;
10	thence	S 40° 55' 46" W	58.72	meters to corner 152;
11	thence	S 35° 56' 46" W	4.05	meters to corner 153;
12	thence	S 27° 25' 46" W	34.62	meters to corner 154;
13	thence	S 14° 30' 46" W	20.17	meters to corner 155;
14	thence	S 14° 30' 46" W	14.21	meters to corner 156;
15	thence	S 05° 01' 46" W	33.16	meters to corner 157;
16	thence	S 04° 43' 46" W	32.92	meters to corner 158;
17	thence	S 31° 21' 47" W	88.20	meters to corner 159;
18	thence	S 22° 48' 47" W	6.06	meters to corner 160;
19	thence	S 22° 48' 47" W	53.58	meters to corner 161;
20	thence	S 22° 48' 47" W	27.99	meters to corner 162;
21	thence	S 26° 52' 13" E	18.89	meters to corner 163;
22	thence	S 79° 53' 13" E	5.00	meters to corner 164;
23	thence	N 64° 26' 47" E	36.59	meters to corner 165;
24	thence	S 86° 38' 13" E	11.92	meters to corner 166;

1	thence	S 63° 00' 13" E	27.36	meters to corner 167;
2	thence	S 62° 21' 13" E	23.85	meters to corner 168;
3	thence	S 33° 18' 13" E	29.69	meters to corner 169;
4	thence	S 05° 54' 13" E	24.62	meters to corner 170;
5	thence	S 11° 37' 47" W	19.64	meters to corner 171;
6	thence	S 14° 42' 47" W	6.31	meters to corner 172;
7	thence	S 18° 40' 47" W	12.19	meters to corner 173;
8	thence	S 17° 00' 47" W	19.24	meters to corner 174;
9	thence	S 15° 12' 47" W	19.49	meters to corner 175;
10	thence	S 54° 33' 13" E	12.51	meters to corner 176;
11	thence	S 17° 50' 47" W	18.00	meters to corner 177;
12	thence	S 17° 50' 47" W	38.65	meters to corner 178;
13	thence	S 84° 01' 47" W	3.76	meters to corner 179;
14	thence	N 88° 15' 13" W	13.27	meters to corner 180;
15	thence	S 89° 54' 47" W	19.29	meters to corner 181
16	thence	S 89° 34' 47" W	31.31	meters to corner 182;
17	thence	S 89° 24' 47" W	16.69	meters to corner 183;
18	thence	N 88° 20' 13" W	90.89	meters to corner 184;
19	thence	N 52° 25' 13" W	30.25	meters to corner 185;
20	thence	N 41° 27' 13" W	64.65	meters to corner 186;
21	thence	N 07° 51' 13" W	112.05	meters to corner 187;
22	thence	N 10° 21' 13" W	86.67	meters to corner 188;
23	thence	N 24° 07' 13" W	11.00	meters to corner 189;
24	thence	N 24° 07' 13" W	12.66	meters to corner 190;

1	thence	N 40° 24' 13" W	70.63	meters to corner 191;
2	thence	N 20° 40' 14" W	25.62	meters to corner 192;
3	thence	N 09° 55' 14" W	8.72	meters to corner 193;
4	thence	N 03° 25' 46" E	6.37	meters to corner 194;
5	thence	N 04° 44' 46" E	5.03	meters to corner 195;
6	thence	N 11° 04' 46" E	7.79	meters to corner 196;
7	thence	N 27° 08' 46" E	7.64	meters to corner 197;
8	thence	N 20° 27' 46" E	26.27	meters to corner 198;
9	thence	N 37° 38' 46" E	36.56	meters to corner 199;
10	thence	N 12° 10' 46" E	26.99	meters to corner 200;
11	thence	N 11° 17' 14" W	10.54	meters to corner 201;
12	thence	N 19° 21' 14" W	7.78	meters to corner 202;
13	thence	N 18° 43' 14" W	15.35	meters to corner 203;
14	thence	N 28° 21' 14" W	159.57	meters to corner 204;
15	thence	N 31° 21' 14" W	38.08	meters to corner 205;
16	thence	N 32° 15' 14" W	18.86	meters to corner 206;
17	thence	N 35° 52' 14" W	18.48	meters to corner 207;
18	thence	N 37° 52' 14" W	48.06	meters to corner 208;
19	thence	N 20° 20' 14" W	47.07	meters to corner 209;
20	thence	N 34° 55' 14" W	24.60	meters to corner 210;
21	thence	N 32° 40' 14" W	23.09	meters to corner 211;
22	thence	N 40° 12' 14" W	31.56	meters to corner 212;
23	thence	N 37° 09' 14" W	18.94	meters to corner 213;
24	thence	N 36° 05' 14" W	19.38	meters to corner 214;

1	thence	N 48° 00' 14" W	18.92	meters to corner 215;
2	thence	N 40° 43' 14" W	13.91	meters to corner 216;
3	thence	N 38° 38' 14" W	10.93	meters to corner 217;
4	thence	N 21° 57' 14" W	36.17	meters to corner 218;
5	thence	N 13° 01' 14" W	41.55	meters to corner 219;
6	thence	N 26° 17' 14" W	20.66	meters to corner 220;
7	thence	N 26° 45' 14" W	62.82	meters to corner 221;
8	thence	N 04° 36' 14" W	66.58	meters to corner 222;
9	thence	N 59° 09' 14" W	9.45	meters to corner 223;
10	thence	N 59° 10' 14" W	7.99	meters to corner 224;
11	thence	N 59° 09' 14" W	8.49	meters to corner 225;
12	thence	N 59° 09' 14" W	8.01	meters to corner 226;
13	thence	N 59° 09' 14" W	7.53	meters to corner 227;
14	thence	N 59° 09' 14" W	9.26	meters to corner 228;
15	thence	N 59° 09' 14" W	8.63	meters to corner 229;
16	thence	N 59° 09' 14" W	8.87	meters to corner 230;
17	thence	N 83° 02' 14" W	33.22	meters to corner 231;
18	thence	S 80° 44' 46" W	27.48	meters to corner 232;
19	thence	N 89° 12' 14" W	23.04	meters to corner 233;
20	thence	N 81° 39' 14" W	21.75	meters to corner 234;
21	thence	N 78° 37' 14" W	21.91	meters to corner 235;
22	thence	N 76° 34' 14" W	12.67	meters to corner 236;
23	thence	N 73° 13' 14" W	8.09	meters to corner 237;
24	thence	N 75° 18' 14" W	4.01	meters to corner 238;

1	thence	N 73° 01' 14" W	13.94	meters to corner 239;
2	thence	N 70° 33' 14" W	13.31	meters to corner 240;
3	thence	N 76° 25' 14" W	12.39	meters to corner 241;
4	thence	N 65° 15' 14" W	11.82	meters to corner 242;
5	thence	N 58° 35' 14" W	12.81	meters to corner 243;
6	thence	N 51° 40' 14" W	7.32	meters to corner 244;
7	thence	N 46° 20' 14" W	9.02	meters to corner 245;
8	thence	N 36° 03' 14" W	11.89	meters to corner 246;
9	thence	N 30° 54' 14" W	11.99	meters to corner 247;
10	thence	N 22° 38' 14" W	13.75	meters to corner 248;
11	thence	N 08° 40' 15" W	7.51	meters to corner 249;
12	thence	N 07° 35' 15" W	33.53	meters to corner 250;
13	thence	N 06° 51' 15" W	57.80	meters to corner 251;
14	thence	N 12° 22' 15" W	113.38	meters to corner 252;
15	thence	N 27° 52' 45" E	57.55	meters to corner 253;
16	thence	N 28° 37' 45" E	32.80	meters to corner 254;
17	thence	N 38° 36' 45" E	93.12	meters to corner 255;
18	thence	N 37° 29' 45" E	94.43	meters to corner 256;
19	thence	N 31° 51' 45" E	30.45	meters to corner 257;
20	thence	N 48° 16' 45" E	43.63	meters to corner 258;
21	thence	N 55° 04' 45" E	70.81	meters to corner 259;
22	thence	N 23° 16' 45" E	154.27	meters to corner 260;
23	thence	N 35° 40' 45" E	42.13	meters to corner 261;
24	thence	N 31° 16' 45" E	61.46	meters to corner 262;

1	thence	N 19° 48' 45" E	34.43	meters to corner 263;
2	thence	N 22° 43' 45" E	40.38	meters to corner 264;
3	thence	N 27° 37' 45" E	40.04	meters to corner 265;
4	thence	N 33° 50' 45" E	40.42	meters to corner 266;
5	thence	N 44° 22' 45" E	39.49	meters to corner 267;
6	thence	N 46° 23' 44" E	38.41	meters to corner 268;
7	thence	N 41° 02' 44" E	136.01	meters to corner 269;
8	thence	N 07° 50' 44" E	11.94	meters to corner 270;
9	thence	N 27° 02' 44" E	56.00	meters to corner 271;
10	thence	N 15° 03' 44" E	30.94	meters to corner 272;
11	thence	N 27° 08' 44" E	41.28	meters to corner 273;
12	thence	N 27° 24' 44" E	40.65	meters to corner 274;
13	thence	N 32° 06' 44" E	88.33	meters to corner 275;
14	thence	N 28° 35' 44" E	28.39	meters to corner 276;
15	thence	N 29° 41' 44" E	86.05	meters to corner 277;
16	thence	S 57° 26' 16" E	10.40	meters to corner 278;
17	thence	N 36° 15' 44" E	25.67	meters to corner 279;
18	thence	N 16° 42' 44" E	32.24	meters to corner 280;
19	thence	N 00° 26' 44" E	68.06	meters to corner 281;
20	thence	N 40° 17' 44" E	9.05	meters to corner 282;
21	thence	N 65° 57' 44" E	54.35	meters to corner 283;
22	thence	N 10° 32' 44" E	9.08	meters to corner 284;
23	thence	N 39° 10' 16" W	20.72	meters to corner 285;
24	thence	N 14° 01' 44" E	7.82	meters to corner 286;

1	thence	N 59° 44' 44" E	44.68	meters to corner 287;
2	thence	S 85° 08' 16" E	17.46	meters to corner 288;
3	thence	N 45° 55' 44" E	21.34	meters to corner 289;
4	thence	N 71° 20' 44" E	12.88	meters to corner 290;
5	thence	S 82° 00' 16" E	22.30	meters to corner 291;
6	thence	S 57° 38' 16" E	30.76	meters to corner 292;
7	thence	S 37° 46' 16" E	39.35	meters to corner 293;
8	thence	S 71° 24' 16" E	42.16	meters to corner 294;
9	thence	S 63° 25' 16" E	23.73	meters to corner 295;
10	thence	S 85° 33' 16" E	22.62	meters to corner 296;
11	thence	S 85° 28' 16" E	35.16	meters to corner 297;
12	thence	S 44° 00' 16" E	16.01	meters to corner 298;
13	thence	S 88° 59' 16" E	18.17	meters to corner 299;
14	thence	S 80° 18' 16" E	36.99	meters to corner 300;
15	thence	S 55° 35' 16" E	23.42	meters to corner 301;
16	thence	S 65° 47' 16" E	20.21	meters to corner 302;
17	thence	S 46° 25' 16" E	14.58	meters to corner 303;
18	thence	S 31° 49' 16" E	14.14	meters to corner 304;
19	thence	S 16° 48' 16" E	14.99	meters to corner 305;
20	thence	S 35° 09' 16" E	20.07	meters to corner 306;
21	thence	S 11° 46' 44" W	10.01	meters to corner 307;
22	thence	S 39° 14' 44" W	15.94	meters to corner 308;
23	thence	S 76° 44' 44" W	4.16	meters to corner 309;
24	thence	S 07° 06' 44" W	11.14	meters to corner 310;

1	thence	S 43° 06' 16" E	7.24	meters to corner 311;
2	thence	S 70° 54' 16" E	26.07	meters to corner 312;
3	thence	N 56° 24' 44" E	11.91	meters to corner 313;
4	thence	N 04° 18' 16" W	3.89	meters to corner 314;
5	thence	N 40° 47' 44" E	49.36	meters to corner 315;
6	thence	N 54° 41' 44" E	45.12	meters to corner 316;
7	thence	S 57° 13' 16" E	7.25	meters to corner 317;
8	thence	S 34° 23' 16" E	89.63	meters to corner 318;
9	thence	S 12° 32' 16" E	58.53	meters to corner 319;
10	thence	S 05° 57' 16" E	79.90	meters to corner 320;
11	thence	S 04° 38' 16" E	63.54	meters to corner 321;
12	thence	S 07° 05' 44" W	52.92	meters to corner 322;
13	thence	S 16° 07' 44" W	83.96	meters to corner 323;
14	thence	S 06° 32' 44" W	58.38	meters to corner 324;
15	thence	S 16° 00' 16" E	30.76	meters to corner 325;
16	thence	S 30° 19' 16" E	36.19	meters to corner 326;
17	thence	S 30° 01' 15" E	91.00	meters to corner 327;
18	thence	S 36° 42' 15" E	41.67	meters to corner 328;
19	thence	S 59° 11' 15" E	84.36	meters to corner 329;
20	thence	N 75° 58' 45" E	68.52	meters to corner 330;
21	thence	N 35° 10' 45" E	46.15	meters to corner 331;
22	thence	N 35° 50' 45" E	76.62	meters to corner 332;
23	thence	N 17° 15' 45" E	82.19	meters to corner 333;
24	thence	N 20° 32' 44" E	81.67	meters to corner 334;

1	thence	N 25° 14' 44" E	16.52	meters to corner 335;
2	thence	N 43° 46' 44" E	25.40	meters to corner 336;
3	thence	N 42° 05' 44" E	81.93	meters to corner 337;
4	thence	N 65° 58' 16" W	21.04	meters to corner 338;
5	thence	N 47° 55' 44" E	46.72	meters to corner 339;
6	thence	N 18° 43' 44" E	82.76	meters to corner 340;
7	thence	N 20° 59' 44" E	32.78	meters to corner 341;
8	thence	N 25° 52' 44" E	17.00	meters to corner 342;
9	thence	N 26° 32' 44" E	15.02	meters to corner 343;
10	thence	N 05° 15' 44" E	82.29	meters to corner 344;
11	thence	N 41° 52' 16" W	36.78	meters to corner 345;
12	thence	N 02° 03' 44" E	103.37	meters to corner 346;
13	thence	N 22° 14' 44" E	24.62	meters to corner 347;
14	thence	N 76° 17' 44" E	55.01	meters to corner 348;
15	thence	S 34° 47' 16" E	92.38	meters to corner 349;
16	thence	S 56° 27' 16" E	42.38	meters to corner 350;
17	thence	S 86° 49' 16" E	57.04	meters to corner 351;
18	thence	N 59° 17' 44" E	14.97	meters to corner 352;
19	thence	N 11° 22' 44" E	71.36	meters to corner 353;
20	thence	N 69° 50' 44" E	50.41	meters to corner 354;
21	thence	S 74° 25' 16" E	40.71	meters to corner 355;
22	thence	S 08° 42' 16" E	33.21	meters to corner 356;
23	thence	S 32° 58' 16" E	78.13	meters to corner 357;
24	thence	S 35° 20' 16" E	61.06	meters to corner 358;

1	thence	S 48° 29' 16" E	35.00	meters to corner 359;
2	thence	S 60° 03' 16" E	40.48	meters to corner 360;
3	thence	N 84° 10' 44" E	17.98	meters to corner 361;
4	thence	N 21° 57' 44" E	115.71	meters to corner 362;
5	thence	N 03° 48' 44" E	34.78	meters to corner 363;
6	thence	N 00° 58' 16" W	84.98	meters to corner 364;
7	thence	N 47° 35' 44" E	49.17	meters to corner 365;
8	thence	N 74° 17' 44" E	24.47	meters to corner 366;
9	thence	N 32° 28' 44" E	39.52	meters to corner 367;
10	thence	N 08° 56' 44" E	25.14	meters to corner 368;
11	thence	S 82° 03' 16" E	141.65	meters to corner 369;
12	thence	S 19° 22' 44" W	40.66	meters to corner 370;
13	thence	S 07° 37' 44" W	85.54	meters to corner 371;
14	thence	S 24° 12' 44" W	100.84	meters to corner 372;
15	thence	S 01° 00' 44" W	26.92	meters to corner 373;
16	thence	S 34° 55' 44" W	45.06	meters to corner 374;
17	thence	S 35° 06' 44" W	18.47	meters to corner 375;
18	thence	S 22° 08' 44" W	91.82	meters to corner 376;
19	thence	S 36° 28' 44" W	70.66	meters to corner 377;
20	thence	S 58° 38' 44" W	17.54	meters to corner 378;
21	thence	S 68° 53' 44" W	40.07	meters to corner 379;
22	thence	S 46° 37' 44" W	37.24	meters to corner 380;
23	thence	S 42° 35' 44" W	51.72	meters to corner 381;
24	thence	S 68° 20' 44" W	45.69	meters to corner 382;

1	thence	N 72° 31' 16" W	29.56	meters to corner 383;
2	thence	N 59° 26' 16" W	56.73	meters to corner 384;
3	thence	N 81° 00' 16" W	19.33	meters to corner 385;
4	thence	S 62° 28' 44" W	61.48	meters to corner 386;
5	thence	S 24° 54' 44" W	52.19	meters to corner 387;
6	thence	S 02° 26' 44" W	89.73	meters to corner 388;
7	thence	S 20° 22' 44" W	83.39	meters to corner 389;
8	thence	S 35° 13' 45" W	36.16	meters to corner 390;
9	thence	S 28° 58' 45" W	57.43	meters to corner 391;
10	thence	S 51° 55' 45" W	90.91	meters to corner 392;
11	thence	S 24° 18' 45" W	60.74	meters to corner 393;
12	thence	S 00° 14' 15" E	56.19	meters to corner 394;
13	thence	S 07° 09' 15" E	47.55	meters to corner 395;
14	thence	S 24° 36' 15" E	37.63	meters to corner 396;
15	thence	S 18° 32' 15" E	57.68	meters to corner 397;
16	thence	N 45° 26' 45" E	88.46	meters to corner 398;
17	thence	N 87° 44' 45" E	55.85	meters to corner 399;
18	thence	S 70° 03' 15" E	39.14	meters to corner 400;
19	thence	S 13° 48' 15" E	126.29	meters to corner 401;
20	thence	S 61° 21' 15" E	39.50	meters to corner 402;
21	thence	N 04° 53' 45" E	140.64	meters to corner 403;
22	thence	N 76° 12' 45" E	113.36	meters to corner 404;
23	thence	N 88° 27' 45" E	26.48	meters to corner 405;
24	thence	N 57° 30' 45" E	104.49	meters to corner 406;

1	thence	N 58° 40' 45" E	33.90	meters to corner 407;
2	thence	N 71° 03' 45" E	79.01	meters to corner 408;
3	thence	S 49° 48' 15" E	75.02	meters to corner 409;
4	thence	S 37° 26' 45" W	134.76	meters to corner 410;
5	thence	S 53° 32' 45" W	54.89	meters to corner 411;
6	thence	S 30° 38' 45" W	26.35	meters to corner 412;
7	thence	S 13° 03' 15" E	28.38	meters to corner 413;
8	thence	S 23° 13' 15" E	43.03	meters to corner 414;
9	thence	S 67° 59' 15" E	60.70	meters to corner 415;
10	thence	S 51° 05' 15" E	189.30	meters to corner 416;
11	thence	S 26° 15' 45" W	33.88	meters to corner 417;
12	thence	S 33° 40' 45" W	84.13	meters to corner 418;
13	thence	N 69° 22' 15" W	19.81	meters to corner 419;
14	thence	S 27° 57' 45" W	125.25	meters to corner 420;
15	thence	S 83° 33' 15" E	25.34	meters to corner 421;
16	thence	S 87° 37' 11" E	82.69	meters to corner 1;

17 the point of beginning containing an area of three hundred seventy-eight (378)
18 hectares, more or less.

19 *Sec. 6. Establishment of Buffer Zones.* – The Secretary of the Department of
20 Environment and Natural Resources (DENR), upon the recommendation of the
21 Protected Area Management Board created under Section 7 of this Act, may designate
22 areas surrounding the PLPL as buffer zones for the purpose of providing an extra
23 layer of protection where restrictions may be applied: *Provided,* That in cases where
24 the designated buffer zone would cover private lands, the owners thereof shall be

1 required to design their development with due consideration to the protected area
2 management plan.

3 Article II

4 Management Mechanisms

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

- 9 (a) DENR Regional Executive Director for Region I, as Chairperson;
- 10 (b) Governor of the Province of Quezon or a duly designated representative;
- 11 (c) Senators of the Republic of the Philippines who are duly registered
12 residents of the Province of Ilocos Norte, or their duly authorized representatives,
13 unless the Senators decline the membership in the PAMB;
- 14 (d) District Representative of the Congressional District where the PLPL is
15 located, or a duly designated representative, unless the District Representative
16 declines the membership in the PAMB;
- 17 (e) Mayor of the Municipality of Paoay in the Province of Ilocos Norte or a duly
18 authorized representative;
- 19 (f) Chairpersons of all the barangays with territorial jurisdiction over the PLPL;
- 20 (g) Regional Directors of the following government agencies, namely:
21 Department of Agriculture, National Economic and Development Authority,
22 Department of Science and Technology, Philippine National Police, Department of
23 National Defense, and Department of Tourism;

1 (h) Three (3) representatives from either NGOs, or people's organizations
2 (POs) based in the Province of Ilocos Norte, duly accredited both by the DENR and
3 the provincial government. The NGOs or POs represented should have been in
4 existence for at least five (5) years and with track record in or related to protected
5 area management;

6 (i) At least one (1) but not more than three (3) representatives from all the
7 indigenous cultural communities/indigenous peoples present in the area and
8 recognized by the National Commission on Indigenous Peoples;

9 (j) One (1) representative from an academic institution, preferably from a
10 university or college in the Province of Ilocos Norte, with proven track record in or
11 related to protected area management; and

12 (k) One (1) representative from the private sector, preferably a resident of
13 the Province of Ilocos Norte, who is distinguished in a profession or field of interest
14 relevant to the management of a protected area.

15 The terms of office of members of the PAMB, as well as the grounds for their
16 removal shall be in accordance with the provisions of Republic Act No. 7586,
17 otherwise known as the "National Integrated Protected Areas System Act of 1992",
18 as amended by Republic Act No. 11038, otherwise known as the "Expanded National
19 Integrated Protected Areas System Act of 2018".

20 *Sec. 8. Functions of the PAMB.* – The PAMB shall have the following powers and
21 functions:

22 (a) Oversee the management of the PLPL;

23 (b) Approve policies, plans and programs, proposals, agreements, and other
24 related documents for the management of the PLPL;

1 (c) Approve the management plan of the PLPL and ensure its harmonization
2 with and integration into the Ancestral Domain Sustainable Development and
3 Protection Plan, land use plan and other development plans, public or private, and
4 their implementation;

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

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

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

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

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

17 (i) Recommend appropriate policy changes to the DENR and other
18 government authorities with respect to the management of the PLPL;

19 (j) Monitor and assess the performance of the Protected Area Superintendent
20 and other protected area personnel and compliance of partners with the terms and
21 conditions of any undertaking, contract or agreement relative to any project or
22 activity within the PLPL;

23 (k) Recommend from among a shortlist of qualified candidates, the
24 designation or appointment of the Protected Area Superintendent; and

1 (l) Assess the effectiveness of the management of the PLPL: *Provided*, That
2 the members of the PAMB representing the LGUs and national agencies shall inform
3 their respective constituents, offices or sectors, of PAMB-approved or other relevant
4 policies, rules, regulations, programs, and projects and shall ensure that the
5 provisions of this Act and the rules and regulations issued to implement it are
6 complied with and used as reference and framework in their respective plans, policies,
7 programs, and projects. Failure to comply with the foregoing shall be the basis for
8 disciplinary action against such member according to administrative rules and
9 regulations and such penalties as the PAMB may provide: *Provided, further*, That the
10 DENR, through the Regional Director, shall ensure that the PAMB acts within the
11 scope of its powers and functions. In case of conflict between the resolutions issued
12 by the PAMB and the existing administrative orders of national application, the latter
13 shall prevail.

14 *Sec. 9. The Protected Area Management Office.* – There is hereby established a
15 Protected Area Management Office (PAMO) to be headed by a Protected Area
16 Superintendent (PASu) who shall supervise the day to day management, protection,
17 and administration of the PLPL. The PASu shall hold a permanent plantilla position
18 and shall be appointed by the DENR Secretary. A sufficient number of support staff
19 with permanent plantilla positions shall likewise be appointed by the DENR Secretary
20 to assist the PASu in the management of the protected area.

21 The PASu shall be primarily accountable to the PAMB and the DENR for the
22 management and operations of the PLPL. Pursuant thereto, the PASu shall have the
23 following duties and responsibilities:

- 1 (a) Prepare the management plan, in consultation with the stakeholders,
2 including the annual work and financial plan and ensure its implementation;
- 3 (b) Ensure the integration of relevant national and LGU plans and programs
4 into PLPL management plans, programs, projects, and policies;
- 5 (c) Provide secretariat services to the PAMB and its committees and ensure
6 the availability of relevant and timely information for decision-making;
- 7 (d) Formulate and recommend to the PAMB proposed policies, rules,
8 regulations, and programs;
- 9 (e) Establish, operate, and maintain a database management system which
10 shall be an important basis for decision-making;
- 11 (f) Enforce the laws, rules and regulations relevant to the PLPL, commence
12 and institute administrative and legal actions in collaboration with other government
13 agencies or organizations, and assist in the prosecution of offenses committed in
14 violation of the provisions of this Act;
- 15 (g) Monitor, evaluate, and report the implementation of management
16 activities of the PLPL;
- 17 (h) Request for and receive any technical assistance, support or advice from
18 any agency or instrumentality of the government as well as academic institutions,
19 NGOs, and the private sector, as may be necessary for the effective management,
20 protection and administration of the PLPL;
- 21 (i) Issue permits and clearances for activities that implement the
22 management plan and other permitted activities in accordance with terms, conditions,
23 and criteria established by the PAMB: *Provided*, That all permits for extraction of
24 natural resources for research purposes, including the collection of wildlife and its by-

1 products or derivatives, shall specify the acts to be authorized, and shall continue to
2 be issued by relevant authorities, subject to prior clearance from the PAMB, through
3 the PASu;

4 (j) Collect and receive pertinent fees, charges, donations, and other income
5 for the PLPL: *Provided*, That such fees, charges, donations, and other income
6 collected and received shall be reported regularly to the PAMB and the DENR in
7 accordance with existing guidelines;

8 (k) Prepare and recommend to the PAMB, approval of the annual work and
9 financial plans of the PLPL based on the management plan; and

10 (l) Perform such other functions as the PAMB and the DENR may assign.

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

13 Article III

14 Proceeds and Fees

15 Sec. 10. *The Paoay Lake Protected Landscape Integrated Protected Area Fund.*

16 – There is hereby established a trust fund to be known as the Paoay Lake Protected
17 Landscape Integrated Protected Area Fund (PLPL-IPAF) for purposes of financing
18 projects and sustaining the operation of the PLPL and the NIPAS. All income
19 generated from the operation and management of wild flora and fauna in the PLPL
20 shall accrue to the PLPL-IPAF. The income shall be derived from fees from permitted
21 sale and export of flora and fauna and other resources from the PLPL, proceeds from
22 the lease of multiple-use areas, contributions from industries and facilities directly
23 benefiting from the PLPL, and such other fees and income derived from the operation
24 of the PLPL.

1 Sec. 12. *Suppletory Application of the NIPAS Law.* – The provisions of Republic
2 Act No. 7586, as amended by Republic Act No. 11038, shall have suppletory
3 application to this Act.

4 Sec. 13. *Implementing Rules and Regulations.* – Within ninety (90) days from
5 the effectivity of this Act, the Secretary of the DENR shall, in consultation with the
6 local governments of the Municipality of Paoay, the provincial government of Ilocos
7 Norte, and concerned national government agencies, issue the corresponding rules
8 and regulations for the effective implementation of this Act.

9 Sec. 14. *Separability Clause.* – If any section or provision of this Act is held
10 unconstitutional or invalid, the remaining sections or provisions not affected thereby
11 shall continue to be in full force and effect.

12 Sec. 15. *Repealing Clause.* – All laws, decrees, executive orders, rules and
13 regulations, and other issuances or parts thereof inconsistent with the provisions of
14 this Act are hereby repealed or modified accordingly.

15 Sec. 16. *Effectivity.* – This Act shall take effect fifteen (15) days after its
16 publication in the *Official Gazette* or in a newspaper of general circulation.

Approved,



03 APR 2023

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

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that the attached technical description (TD) of Senate Bill No. 354, also referred to as the “Paoay Lake Protected Landscape Act”, is correct in terms of general location and total area, 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



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PAOAY LAKE PROTECTED LANDSCAPE ACT
Senate Bill No. 354

TECHNICAL DESCRIPTION

Beginning at a point marked "1" on the Map, being N 69°34'44" W, 424.45 meters from PRS Control Monument "ILN-3040" with geographic coordinates of 18°06'59.85619" Latitude and 120°33'13.09541" Longitude located at Barangay Nanguyudan, Municipality of Paoay, Province of Ilocos Norte,

thence	S 08°32'45" W	6.59	meters to corner	2 ;
thence	S 58°55'15" E	35.71	meters to corner	3 ;
thence	S 07°15'15" E	20.49	meters to corner	4 ;
thence	S 64°41'15" E	26.95	meters to corner	5 ;
thence	N 47°00'45" E	58.64	meters to corner	6 ;
thence	S 45°54'15" E	56.89	meters to corner	7 ;
thence	S 01°15'46" W	68.10	meters to corner	8 ;
thence	S 44°18'14" E	29.18	meters to corner	9 ;
thence	S 39°43'14" E	21.33	meters to corner	10 ;
thence	S 52°49'46" W	7.32	meters to corner	11 ;
thence	N 71°33'14" W	14.77	meters to corner	12 ;
thence	S 39°00'46" W	22.11	meters to corner	13 ;
thence	S 80°10'46" W	50.93	meters to corner	14 ;
thence	S 68°07'46" W	45.16	meters to corner	15 ;
thence	S 01°46'14" E	40.95	meters to corner	16 ;
thence	S 89°58'46" W	15.10	meters to corner	17 ;
thence	N 78°26'14" W	24.30	meters to corner	18 ;
thence	N 76°25'14" W	61.22	meters to corner	19 ;
thence	N 38°46'14" W	91.25	meters to corner	20 ;
thence	N 57°45'14" W	36.33	meters to corner	21 ;
thence	N 76°27'14" W	18.97	meters to corner	22 ;
thence	S 66°33'46" W	61.43	meters to corner	23 ;
thence	N 76°27'14" W	53.22	meters to corner	24 ;
thence	N 31°44'14" W	16.82	meters to corner	25 ;
thence	N 08°19'46" E	103.47	meters to corner	26 ;
thence	N 83°35'15" W	8.83	meters to corner	27 ;
thence	S 10°01'46" W	211.69	meters to corner	28 ;
thence	S 13°29'14" E	93.67	meters to corner	29 ;
thence	S 32°21'14" E	39.91	meters to corner	30 ;
thence	S 19°35'14" E	31.25	meters to corner	31 ;
thence	S 13°24'46" W	50.80	meters to corner	32 ;
thence	S 21°08'46" W	40.22	meters to corner	33 ;
thence	S 19°21'46" W	30.12	meters to corner	34 ;
thence	S 67°34'14" E	31.61	meters to corner	35 ;
thence	S 22°26'14" E	55.80	meters to corner	36 ;
thence	S 00°31'46" W	16.02	meters to corner	37 ;

thence	S 22°43'46" W	26.59	meters to corner	38 ;
thence	S 63°07'46" W	26.62	meters to corner	39 ;
thence	S 74°09'46" W	105.47	meters to corner	40 ;
thence	S 54°21'46" W	42.07	meters to corner	41 ;
thence	S 42°42'46" W	16.52	meters to corner	42 ;
thence	S 13°40'46" W	20.89	meters to corner	43 ;
thence	S 33°47'14" E	31.63	meters to corner	44 ;
thence	S 09°42'14" E	32.80	meters to corner	45 ;
thence	S 26°01'46" W	32.17	meters to corner	46 ;
thence	S 67°14'46" W	24.73	meters to corner	47 ;
thence	S 39°50'46" W	35.42	meters to corner	48 ;
thence	S 20°06'46" W	86.06	meters to corner	49 ;
thence	S 39°09'46" W	28.42	meters to corner	50 ;
thence	S 50°40'46" W	87.32	meters to corner	51 ;
thence	N 64°11'14" W	22.61	meters to corner	52 ;
thence	N 53°38'14" W	20.01	meters to corner	53 ;
thence	N 37°58'14" W	69.37	meters to corner	54 ;
thence	N 15°10'14" W	13.25	meters to corner	55 ;
thence	N 53°37'14" W	31.94	meters to corner	56 ;
thence	N 39°46'14" W	20.57	meters to corner	57 ;
thence	N 15°15'14" W	9.39	meters to corner	58 ;
thence	N 15°15'14" W	14.85	meters to corner	59 ;
thence	N 31°05'46" E	104.33	meters to corner	60 ;
thence	N 31°05'46" E	6.62	meters to corner	61 ;
thence	N 31°03'46" E	6.74	meters to corner	62 ;
thence	N 31°03'46" E	11.42	meters to corner	63 ;
thence	N 56°25'46" E	3.62	meters to corner	64 ;
thence	N 26°14'46" E	7.52	meters to corner	65 ;
thence	N 27°15'46" E	22.46	meters to corner	66 ;
thence	N 20°06'46" E	22.96	meters to corner	67 ;
thence	N 03°48'14" W	16.55	meters to corner	68 ;
thence	N 12°24'46" E	27.57	meters to corner	69 ;
thence	N 24°49'46" E	49.54	meters to corner	70 ;
thence	N 29°40'46" E	16.77	meters to corner	71 ;
thence	N 22°51'46" E	23.96	meters to corner	72 ;
thence	N 22°51'46" E	11.10	meters to corner	73 ;
thence	N 20°47'46" E	10.76	meters to corner	74 ;
thence	N 24°22'46" E	10.84	meters to corner	75 ;
thence	N 36°55'46" E	10.86	meters to corner	76 ;
thence	N 17°08'46" E	54.03	meters to corner	77 ;
thence	N 22°47'14" W	20.61	meters to corner	78 ;
thence	N 58°49'14" W	13.12	meters to corner	79 ;
thence	N 78°40'14" W	70.97	meters to corner	80 ;
thence	N 23°12'14" W	23.66	meters to corner	81 ;
thence	N 76°58'14" W	106.02	meters to corner	82 ;
thence	S 84°10'46" W	44.72	meters to corner	83 ;

thence	S 70°21'46" W	25.33	meters to corner	84 ;
thence	S 70°21'46" W	55.18	meters to corner	85 ;
thence	S 70°21'46" W	56.30	meters to corner	86 ;
thence	S 47°38'46" W	26.23	meters to corner	87 ;
thence	S 70°39'46" W	22.40	meters to corner	88 ;
thence	N 82°56'14" W	14.72	meters to corner	89 ;
thence	N 75°38'14" W	10.64	meters to corner	90 ;
thence	N 75°20'14" W	5.54	meters to corner	91 ;
thence	N 77°01'14" W	7.83	meters to corner	92 ;
thence	N 66°27'14" W	19.07	meters to corner	93 ;
thence	N 50°40'14" W	19.74	meters to corner	94 ;
thence	N 49°14'14" W	19.34	meters to corner	95 ;
thence	N 51°12'14" W	24.51	meters to corner	96 ;
thence	N 15°46'14" W	27.91	meters to corner	97 ;
thence	N 24°03'14" W	51.16	meters to corner	98 ;
thence	N 19°26'14" W	36.68	meters to corner	99 ;
thence	N 07°48'14" W	30.61	meters to corner	100 ;
thence	N 10°49'14" W	15.01	meters to corner	101 ;
thence	N 20°32'14" W	46.11	meters to corner	102 ;
thence	N 11°57'14" W	88.43	meters to corner	103 ;
thence	N 38°34'15" W	165.92	meters to corner	104 ;
thence	N 36°15'15" W	78.92	meters to corner	105 ;
thence	N 66°27'15" W	47.78	meters to corner	106 ;
thence	S 81°57'45" W	2.94	meters to corner	107 ;
thence	S 87°19'45" W	28.74	meters to corner	108 ;
thence	S 76°15'45" W	28.10	meters to corner	109 ;
thence	S 53°50'45" W	32.91	meters to corner	110 ;
thence	S 32°06'45" W	31.32	meters to corner	111 ;
thence	S 09°00'45" W	16.01	meters to corner	112 ;
thence	S 00°34'45" W	34.77	meters to corner	113 ;
thence	S 06°41'45" W	32.32	meters to corner	114 ;
thence	S 26°41'45" W	55.29	meters to corner	115 ;
thence	S 49°11'46" W	17.77	meters to corner	116 ;
thence	S 37°32'46" W	38.81	meters to corner	117 ;
thence	S 40°48'46" W	84.17	meters to corner	118 ;
thence	S 46°45'46" W	25.41	meters to corner	119 ;
thence	S 37°55'46" W	57.44	meters to corner	120 ;
thence	S 32°29'46" W	32.41	meters to corner	121 ;
thence	S 40°19'46" W	21.15	meters to corner	122 ;
thence	S 41°54'46" W	9.55	meters to corner	123 ;
thence	S 37°59'46" W	10.56	meters to corner	124 ;
thence	S 39°05'46" W	78.40	meters to corner	125 ;
thence	S 50°50'14" E	8.16	meters to corner	126 ;
thence	S 76°36'14" E	39.67	meters to corner	127 ;
thence	S 55°47'14" E	27.35	meters to corner	128 ;
thence	S 16°18'14" E	16.11	meters to corner	129 ;

thence	S 12°52'14" E	18.88	meters to corner	130 ;
thence	S 13°41'14" E	12.95	meters to corner	131 ;
thence	S 08°13'14" E	2.72	meters to corner	132 ;
thence	S 16°07'14" E	9.88	meters to corner	133 ;
thence	S 20°05'14" E	27.60	meters to corner	134 ;
thence	S 22°18'14" E	15.34	meters to corner	135 ;
thence	S 18°20'14" E	35.71	meters to corner	136 ;
thence	S 03°07'46" W	12.55	meters to corner	137 ;
thence	S 11°52'46" W	20.50	meters to corner	138 ;
thence	S 07°05'46" W	17.79	meters to corner	139 ;
thence	S 04°14'46" W	16.47	meters to corner	140 ;
thence	N 04°42'14" W	0.14	meters to corner	141 ;
thence	S 00°36'46" W	18.19	meters to corner	142 ;
thence	S 04°45'46" W	14.69	meters to corner	143 ;
thence	S 02°28'46" W	12.78	meters to corner	144 ;
thence	S 11°08'14" E	15.05	meters to corner	145 ;
thence	S 14°49'14" E	19.42	meters to corner	146 ;
thence	S 03°03'46" W	21.60	meters to corner	147 ;
thence	S 24°35'46" W	21.60	meters to corner	148 ;
thence	S 30°37'46" W	36.01	meters to corner	149 ;
thence	S 35°39'46" W	26.74	meters to corner	150 ;
thence	S 35°39'46" W	11.52	meters to corner	151 ;
thence	S 40°55'46" W	58.72	meters to corner	152 ;
thence	S 35°56'46" W	4.05	meters to corner	153 ;
thence	S 27°25'46" W	34.62	meters to corner	154 ;
thence	S 14°30'46" W	20.17	meters to corner	155 ;
thence	S 14°30'46" W	14.21	meters to corner	156 ;
thence	S 05°01'46" W	33.16	meters to corner	157 ;
thence	S 04°43'46" W	32.92	meters to corner	158 ;
thence	S 31°21'47" W	88.20	meters to corner	159 ;
thence	S 22°48'47" W	6.06	meters to corner	160 ;
thence	S 22°48'47" W	53.58	meters to corner	161 ;
thence	S 22°48'47" W	27.99	meters to corner	162 ;
thence	S 26°52'13" E	18.89	meters to corner	163 ;
thence	S 79°53'13" E	5.00	meters to corner	164 ;
thence	N 64°26'47" E	36.59	meters to corner	165 ;
thence	S 86°38'13" E	11.92	meters to corner	166 ;
thence	S 63°00'13" E	27.36	meters to corner	167 ;
thence	S 62°21'13" E	23.85	meters to corner	168 ;
thence	S 33°18'13" E	29.69	meters to corner	169 ;
thence	S 05°54'13" E	24.62	meters to corner	170 ;
thence	S 11°37'47" W	19.64	meters to corner	171 ;
thence	S 14°42'47" W	6.31	meters to corner	172 ;
thence	S 18°40'47" W	12.19	meters to corner	173 ;
thence	S 17°00'47" W	19.24	meters to corner	174 ;
thence	S 15°12'47" W	19.49	meters to corner	175 ;

thence	S 54°33'13" E	12.51	meters to corner	176 ;
thence	S 17°50'47" W	18.00	meters to corner	177 ;
thence	S 17°50'47" W	38.65	meters to corner	178 ;
thence	S 84°01'47" W	3.76	meters to corner	179 ;
thence	N 88°15'13" W	13.27	meters to corner	180 ;
thence	S 89°54'47" W	19.29	meters to corner	181 ;
thence	S 89°34'47" W	31.31	meters to corner	182 ;
thence	S 89°24'47" W	16.69	meters to corner	183 ;
thence	N 88°20'13" W	90.89	meters to corner	184 ;
thence	N 52°25'13" W	30.25	meters to corner	185 ;
thence	N 41°27'13" W	64.65	meters to corner	186 ;
thence	N 07°51'13" W	112.05	meters to corner	187 ;
thence	N 10°21'13" W	86.67	meters to corner	188 ;
thence	N 24°07'13" W	11.00	meters to corner	189 ;
thence	N 24°07'13" W	12.66	meters to corner	190 ;
thence	N 40°24'13" W	70.63	meters to corner	191 ;
thence	N 20°40'14" W	25.62	meters to corner	192 ;
thence	N 09°55'14" W	8.72	meters to corner	193 ;
thence	N 03°25'46" E	6.37	meters to corner	194 ;
thence	N 04°44'46" E	5.03	meters to corner	195 ;
thence	N 11°04'46" E	7.79	meters to corner	196 ;
thence	N 27°08'46" E	7.64	meters to corner	197 ;
thence	N 20°27'46" E	26.27	meters to corner	198 ;
thence	N 37°38'46" E	36.56	meters to corner	199 ;
thence	N 12°10'46" E	26.99	meters to corner	200 ;
thence	N 11°17'14" W	10.54	meters to corner	201 ;
thence	N 19°21'14" W	7.78	meters to corner	202 ;
thence	N 18°43'14" W	15.35	meters to corner	203 ;
thence	N 28°21'14" W	159.57	meters to corner	204 ;
thence	N 31°21'14" W	38.08	meters to corner	205 ;
thence	N 32°15'14" W	18.86	meters to corner	206 ;
thence	N 35°52'14" W	18.48	meters to corner	207 ;
thence	N 37°52'14" W	48.06	meters to corner	208 ;
thence	N 20°20'14" W	47.07	meters to corner	209 ;
thence	N 34°55'14" W	24.60	meters to corner	210 ;
thence	N 32°40'14" W	23.09	meters to corner	211 ;
thence	N 40°12'14" W	31.56	meters to corner	212 ;
thence	N 37°09'14" W	18.94	meters to corner	213 ;
thence	N 36°05'14" W	19.38	meters to corner	214 ;
thence	N 48°00'14" W	18.92	meters to corner	215 ;
thence	N 40°43'14" W	13.91	meters to corner	216 ;
thence	N 38°38'14" W	10.93	meters to corner	217 ;
thence	N 21°57'14" W	36.17	meters to corner	218 ;
thence	N 13°01'14" W	41.55	meters to corner	219 ;
thence	N 26°17'14" W	20.66	meters to corner	220 ;
thence	N 26°45'14" W	62.82	meters to corner	221 ;

thence	N 04°36'14" W	66.58	meters to corner	222 ;
thence	N 59°09'14" W	9.45	meters to corner	223 ;
thence	N 59°10'14" W	7.99	meters to corner	224 ;
thence	N 59°09'14" W	8.49	meters to corner	225 ;
thence	N 59°09'14" W	8.01	meters to corner	226 ;
thence	N 59°09'14" W	7.53	meters to corner	227 ;
thence	N 59°09'14" W	9.26	meters to corner	228 ;
thence	N 59°09'14" W	8.63	meters to corner	229 ;
thence	N 59°09'14" W	8.87	meters to corner	230 ;
thence	N 83°02'14" W	33.22	meters to corner	231 ;
thence	S 80°44'46" W	27.48	meters to corner	232 ;
thence	N 89°12'14" W	23.04	meters to corner	233 ;
thence	N 81°39'14" W	21.75	meters to corner	234 ;
thence	N 78°37'14" W	21.91	meters to corner	235 ;
thence	N 76°34'14" W	12.67	meters to corner	236 ;
thence	N 73°13'14" W	8.09	meters to corner	237 ;
thence	N 75°18'14" W	4.01	meters to corner	238 ;
thence	N 73°01'14" W	13.94	meters to corner	239 ;
thence	N 70°33'14" W	13.31	meters to corner	240 ;
thence	N 76°25'14" W	12.39	meters to corner	241 ;
thence	N 65°15'14" W	11.82	meters to corner	242 ;
thence	N 58°35'14" W	12.81	meters to corner	243 ;
thence	N 51°40'14" W	7.32	meters to corner	244 ;
thence	N 46°20'14" W	9.02	meters to corner	245 ;
thence	N 36°03'14" W	11.89	meters to corner	246 ;
thence	N 30°54'14" W	11.99	meters to corner	247 ;
thence	N 22°38'14" W	13.75	meters to corner	248 ;
thence	N 08°40'15" W	7.51	meters to corner	249 ;
thence	N 07°35'15" W	33.53	meters to corner	250 ;
thence	N 06°51'15" W	57.80	meters to corner	251 ;
thence	N 12°22'15" W	113.38	meters to corner	252 ;
thence	N 27°52'45" E	57.55	meters to corner	253 ;
thence	N 28°37'45" E	32.80	meters to corner	254 ;
thence	N 38°36'45" E	93.12	meters to corner	255 ;
thence	N 37°29'45" E	94.43	meters to corner	256 ;
thence	N 31°51'45" E	20.45	meters to corner	257 ;
thence	N 48°16'45" E	43.63	meters to corner	258 ;
thence	N 55°04'45" E	70.81	meters to corner	259 ;
thence	N 23°16'45" E	154.27	meters to corner	260 ;
thence	N 35°40'45" E	42.13	meters to corner	261 ;
thence	N 31°16'45" E	61.46	meters to corner	262 ;
thence	N 19°48'45" E	34.43	meters to corner	263 ;
thence	N 22°43'45" E	40.38	meters to corner	264 ;
thence	N 27°37'45" E	40.04	meters to corner	265 ;
thence	N 33°50'45" E	40.42	meters to corner	266 ;
thence	N 44°22'45" E	39.49	meters to corner	267 ;

thence	N 46°23'44" E	38.41	meters to corner	268 ;
thence	N 41°02'44" E	136.01	meters to corner	269 ;
thence	N 07°50'44" E	11.94	meters to corner	270 ;
thence	N 27°02'44" E	56.00	meters to corner	271 ;
thence	N 15°03'44" E	30.94	meters to corner	272 ;
thence	N 27°08'44" E	41.28	meters to corner	273 ;
thence	N 27°24'44" E	40.65	meters to corner	274 ;
thence	N 32°06'44" E	88.33	meters to corner	275 ;
thence	N 28°35'44" E	28.39	meters to corner	276 ;
thence	N 29°41'44" E	86.05	meters to corner	277 ;
thence	S 57°26'16" E	10.40	meters to corner	278 ;
thence	N 36°15'44" E	25.67	meters to corner	279 ;
thence	N 16°42'44" E	32.24	meters to corner	280 ;
thence	N 00°26'44" E	68.06	meters to corner	281 ;
thence	N 40°17'44" E	9.05	meters to corner	282 ;
thence	N 65°57'44" E	54.35	meters to corner	283 ;
thence	N 10°32'44" E	9.08	meters to corner	284 ;
thence	N 39°10'16" W	20.72	meters to corner	285 ;
thence	N 14°01'44" E	7.82	meters to corner	286 ;
thence	N 59°44'44" E	44.68	meters to corner	287 ;
thence	S 85°08'16" E	17.46	meters to corner	288 ;
thence	N 45°55'44" E	21.34	meters to corner	289 ;
thence	N 71°20'44" E	12.88	meters to corner	290 ;
thence	S 82°00'16" E	22.30	meters to corner	291 ;
thence	S 57°38'16" E	30.76	meters to corner	292 ;
thence	S 37°46'16" E	39.35	meters to corner	293 ;
thence	S 71°24'16" E	42.16	meters to corner	294 ;
thence	S 63°25'16" E	23.73	meters to corner	295 ;
thence	S 85°33'16" E	22.62	meters to corner	296 ;
thence	S 85°28'16" E	35.16	meters to corner	297 ;
thence	S 44°00'16" E	16.01	meters to corner	298 ;
thence	S 88°59'16" E	18.17	meters to corner	299 ;
thence	S 80°18'16" E	36.99	meters to corner	300 ;
thence	S 55°35'16" E	23.42	meters to corner	301 ;
thence	S 65°47'16" E	20.21	meters to corner	302 ;
thence	S 46°25'16" E	14.58	meters to corner	303 ;
thence	S 31°49'16" E	14.14	meters to corner	304 ;
thence	S 16°48'16" E	14.99	meters to corner	305 ;
thence	S 35°09'16" E	20.07	meters to corner	306 ;
thence	S 11°46'44" W	10.01	meters to corner	307 ;
thence	S 39°14'44" W	15.94	meters to corner	308 ;
thence	S 76°44'44" W	4.16	meters to corner	309 ;
thence	S 07°06'44" W	11.14	meters to corner	310 ;
thence	S 43°06'16" E	7.24	meters to corner	311 ;
thence	S 70°54'16" E	26.07	meters to corner	312 ;
thence	N 56°24'44" E	11.91	meters to corner	313 ;

thence	N 04°18'16" W	3.89	meters to corner	314 ;
thence	N 40°47'44" E	49.36	meters to corner	315 ;
thence	N 54°41'44" E	45.12	meters to corner	316 ;
thence	S 57°13'16" E	7.25	meters to corner	317 ;
thence	S 34°23'16" E	89.63	meters to corner	318 ;
thence	S 12°32'16" E	58.53	meters to corner	319 ;
thence	S 05°57'16" E	79.90	meters to corner	320 ;
thence	S 04°38'16" E	63.54	meters to corner	321 ;
thence	S 07°05'44" W	52.92	meters to corner	322 ;
thence	S 16°07'44" W	83.96	meters to corner	323 ;
thence	S 06°32'44" W	58.38	meters to corner	324 ;
thence	S 16°00'16" E	30.76	meters to corner	325 ;
thence	S 30°19'16" E	36.19	meters to corner	326 ;
thence	S 30°01'15" E	91.00	meters to corner	327 ;
thence	S 36°42'15" E	41.67	meters to corner	328 ;
thence	S 59°11'15" E	84.36	meters to corner	329 ;
thence	N 75°58'45" E	68.52	meters to corner	330 ;
thence	N 35°10'45" E	46.15	meters to corner	331 ;
thence	N 35°50'45" E	76.62	meters to corner	332 ;
thence	N 17°15'45" E	82.19	meters to corner	333 ;
thence	N 20°32'44" E	81.67	meters to corner	334 ;
thence	N 25°14'44" E	16.52	meters to corner	335 ;
thence	N 43°46'44" E	25.40	meters to corner	336 ;
thence	N 42°05'44" E	81.93	meters to corner	337 ;
thence	N 65°58'16" W	21.04	meters to corner	338 ;
thence	N 47°55'44" E	46.72	meters to corner	339 ;
thence	N 18°43'44" E	82.76	meters to corner	340 ;
thence	N 20°59'44" E	32.78	meters to corner	341 ;
thence	N 25°52'44" E	17.00	meters to corner	342 ;
thence	N 26°32'44" E	15.02	meters to corner	343 ;
thence	N 05°15'44" E	82.29	meters to corner	344 ;
thence	N 41°52'16" W	36.78	meters to corner	345 ;
thence	N 02°03'44" E	103.37	meters to corner	346 ;
thence	N 22°14'44" E	24.62	meters to corner	347 ;
thence	N 76°17'44" E	55.01	meters to corner	348 ;
thence	S 34°47'16" E	92.38	meters to corner	349 ;
thence	S 56°27'16" E	42.38	meters to corner	350 ;
thence	S 86°49'16" E	57.04	meters to corner	351 ;
thence	N 59°17'44" E	14.97	meters to corner	352 ;
thence	N 11°22'44" E	71.36	meters to corner	353 ;
thence	N 69°50'44" E	50.41	meters to corner	354 ;
thence	S 74°25'16" E	40.71	meters to corner	355 ;
thence	S 08°42'16" E	33.21	meters to corner	356 ;
thence	S 32°58'16" E	78.13	meters to corner	357 ;
thence	S 35°20'16" E	61.06	meters to corner	358 ;
thence	S 48°29'16" E	35.00	meters to corner	359 ;

thence	S 60°03'16" E	40.48	meters to corner	360 ;
thence	N 84°10'44" E	17.98	meters to corner	361 ;
thence	N 21°57'44" E	115.71	meters to corner	362 ;
thence	N 03°48'44" E	34.78	meters to corner	363 ;
thence	N 00°58'16" W	84.98	meters to corner	364 ;
thence	N 47°35'44" E	49.17	meters to corner	365 ;
thence	N 74°17'44" E	24.47	meters to corner	366 ;
thence	N 32°28'44" E	39.52	meters to corner	367 ;
thence	N 08°56'44" E	25.14	meters to corner	368 ;
thence	S 82°03'16" E	141.65	meters to corner	369 ;
thence	S 19°22'44" W	40.66	meters to corner	370 ;
thence	S 07°37'44" W	85.54	meters to corner	371 ;
thence	S 24°12'44" W	100.84	meters to corner	372 ;
thence	S 01°00'44" W	26.92	meters to corner	373 ;
thence	S 34°55'44" W	45.06	meters to corner	374 ;
thence	S 35°06'44" W	18.47	meters to corner	375 ;
thence	S 22°08'44" W	91.82	meters to corner	376 ;
thence	S 36°28'44" W	70.66	meters to corner	377 ;
thence	S 58°38'44" W	17.54	meters to corner	378 ;
thence	S 68°53'44" W	40.07	meters to corner	379 ;
thence	S 46°37'44" W	37.24	meters to corner	380 ;
thence	S 42°35'44" W	51.72	meters to corner	381 ;
thence	S 68°20'44" W	45.69	meters to corner	382 ;
thence	N 72°31'16" W	29.56	meters to corner	383 ;
thence	N 59°26'16" W	56.73	meters to corner	384 ;
thence	N 81°00'16" W	19.33	meters to corner	385 ;
thence	S 62°28'44" W	61.48	meters to corner	386 ;
thence	S 24°54'44" W	52.19	meters to corner	387 ;
thence	S 02°26'44" W	89.73	meters to corner	388 ;
thence	S 20°22'44" W	83.39	meters to corner	389 ;
thence	S 35°13'45" W	36.16	meters to corner	390 ;
thence	S 28°58'45" W	57.43	meters to corner	391 ;
thence	S 51°55'45" W	90.91	meters to corner	392 ;
thence	S 24°18'45" W	60.74	meters to corner	393 ;
thence	S 00°14'15" E	56.19	meters to corner	394 ;
thence	S 07°09'15" E	47.55	meters to corner	395 ;
thence	S 24°36'15" E	37.63	meters to corner	396 ;
thence	S 18°32'15" E	57.68	meters to corner	397 ;
thence	N 45°26'45" E	88.46	meters to corner	398 ;
thence	N 87°44'45" E	55.85	meters to corner	399 ;
thence	S 70°03'15" E	39.14	meters to corner	400 ;
thence	S 13°48'15" E	126.29	meters to corner	401 ;
thence	S 61°21'15" E	39.50	meters to corner	402 ;
thence	N 04°53'45" E	140.64	meters to corner	403 ;
thence	N 76°12'45" E	113.36	meters to corner	404 ;
thence	N 88°27'45" E	26.48	meters to corner	405 ;

thence	N 57°30'45" E	104.49	meters to corner	406 ;
thence	N 58°40'45" E	33.90	meters to corner	407 ;
thence	N 71°03'45" E	79.01	meters to corner	408 ;
thence	S 49°48'15" E	75.02	meters to corner	409 ;
thence	S 37°26'45" W	134.76	meters to corner	410 ;
thence	S 53°32'45" W	54.89	meters to corner	411 ;
thence	S 30°38'45" W	26.35	meters to corner	412 ;
thence	S 13°03'15" E	28.38	meters to corner	413 ;
thence	S 23°13'15" E	43.03	meters to corner	414 ;
thence	S 67°59'15" E	60.70	meters to corner	415 ;
thence	S 51°05'15" E	189.30	meters to corner	416 ;
thence	S 26°15'45" W	33.88	meters to corner	417 ;
thence	S 33°40'45" W	84.13	meters to corner	418 ;
thence	N 69°22'15" W	19.81	meters to corner	419 ;
thence	S 27°57'45" W	125.25	meters to corner	420 ;
thence	S 83°33'15" E	25.34	meters to corner	421 ;
thence	S 87°37'11" E	82.69	meters to corner	1

from the point of beginning, containing an area of **THREE HUNDRED SEVENTY-EIGHT (378)** hectares, more or less. Bearings and distances of lines were derived using the PRS 1992 Philippines Zone III coordinate system, subject to ground delineation and demarcation.