Jee Committee of the Co

FOURTEENTH CONGRESS OF THE }
REPUBLIC OF THE PHILIPPINES
First Regular Session }

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HECOVED WILLIAM

SENATE s. B. No. 1655 }

Introduced by Senator Edgardo J. Angara

EXPLANATORY NOTE

The Philippines is prominent for its rich and unique diversity of natural resources both in marine and terrestrial ecosystems. Next to Indonesia, the country is the second largest archipelago consisting of 7,107 islands and islets with a total land area of 300,000 sq. kms. The coastline of the country is exceptionally long covering approximately 18,000 kms. The combination of its complex geological origins, fragmented layout, varying exposures to shifting winds and typhoons and peculiar rainfall distribution gave rise to the existence of a complex mix of ecosystems and habitat types which support a diversity of life forms. About half of the country's animal and plant diversity are native to the archipelago and found nowhere else in the world. In terms of cultural diversity, the Philippines is home to an estimated 127 ethnic groups and subgroups.

The remaining biological diversity and the ecosystems that support them are under tremendous threats. Extractive industries such as logging and mining have destroyed most of our forests while high human population density and growth rate further put enormous pressure on the land. In turn, our rainforests have been converted into agriculture and plantations to augment the lack of land to support the growing population. In addition, cyanide and dynamite fishing along with rapid development in coastal areas, destroyed coral reefs and mangroves.

To assist in the conservation of our natural biological resources, the establishment and effective management of protected areas is one of the strategies for this purpose. The representative samples of these biodiversity are conserved under the integrated protected areas system, the policy framework for which is well provided for under Republic Act 7586.

To achieve the conservation of biological diversity and sustainable development in some parts of Luzon and in particular in the Province of Aurora, this Bill seeks to proclaim finally under the National Integrated Protected Areas System pursuant to RA 7586, the following areas:

A. Aurora Memorial Protected Landscape. - The area is known to harbor important flora consisting predominantly of dipterocarp species such as red

lauan (Shorea negrosensis), white Iauan (Shorea contorta), tanguile (Shorea polysperma), mayapis (Shorea squamada), bagtikan (Parashorea malaanoman), malabayabas (Tristaniopsis decorticata) and narra (Pterocarpus indicus). Some of the wild fauna (birds) found in the proposed protected area which are considered threatened include the Philippine Eagle (Pithecophaga jefferyi), Philippine Hawk Eagle (Spizaetus philippensis), and Spotted Imperial-pigeon (Ducula carola), while the mammals include the Philippine long tailed macaque (Macaca fascicularis) and Philippine deer (Cervus philippinensis), among others.

- B. Dinadiawan River Protected Landscape The area is a home to important flora consisting primarily of dipterocarp species such as mayapis (Shorea squamada), white lauan (Shorea contorta), red lauan (Shorea negrosensis), bagtikan (Parashorea malaanoman) and tanguile (Shorea polysperma) while some of the wild fauna found in the proposed protected area which are considered threatened include the Philippine deer (Cervus philippinensis), Philippine long tailed macaque (Macaca fascicularis), Philippine warty pig (Sus philippinensis), Spotted Wood kingfisher (Actenoides lindsayi) and Pygmy swiftlet (Collocalia troglodytes) among others.
- C. Talaytay River Protected Landscape It harbors important flora consisting predominantly of dipterocarp species such as Apitong (Dipterocarpus grandiflores), mayapis (Shorea squamata), white lauan (Shorea contorta), red lauan (Shorea negrosensis), bagtikan (Parashorea malaanoman), manggasinoro (Shorea philippinensis), and tanguile (Shorea polysperma) while some of the wild fauna found in the proposed protected area which are considered threatened include the Philippine deer (Cervus philipenensis), Philippine long tailed macaque (Macaca fascicularis) and abundant species of avifauna among others.
- **D.** Amro River Protected Landscape It harbors important flora consisting predominantly of dipterocarp species such as tanguile (Shorea polysperma), mayapis (Shorea squamata), white lauan (Shorea contorta), red lauan (Shorea negrosensis), bagtikan (Parashorea malaanoman) and makaasim (Syzigium nilidium) while some of the wild fauna found in the proposed protected area which are considered threatened include the monitor lizard (Varanus salvator), Philippine long tailed macaque (Macaca fascicularis), Philippine deer (Cervus philipenensis), Philippine pymy woodpecker (Dendrocopos javensis), Philippine kingfisher (Ceyx melanurus) and brahminy kite (Haliastur Indus) among others.
- E. Simbahan Talagas Protected Landscape The protected area is known to harbor important flora consisting predominantly of dipterocarp species such as mayapis (Shorea squamata), white lauan (Shorea contorta), red lauan (Shorea negrosensis), bagtikan (Parashorea malaanoman), almon (Shorea almon) and tanguile (Shorea polysperma) while some of the wild fauna found in the proposed protected area which are considered threatened include the Philippine deer (Cervus Philippinensis), Philippine long tailed macaque (Macaca fascicularis), and abundant species of avifauna among others.

The proposed protected areas are among the priority sites for biodiversity conservation in the country.

Indeed the passage of this Bill is a legislative initiative for the protection of the environment particularly for the conservation of representative samples of our rich natural heritage which is earnestly being sought.

> Edul //4 Edgardo J. Angara

Senator

SENATE s. b. No. <u>1</u>655

7 17 27 25 4

Introduced by Senator Edgardo J. Angara

AN ACT ESTABLISHING THE AURORA INTEGRATED PROTECTED LANDSCAPE, PROVIDING FOR ITS MANAGEMENT AND FOR OTHER PURPOSES

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

SECTION 1. *Title* - This Act shall be known as the "Aurora Integrated Protected Landscape Act of 2007"

SECTION 2. Declaration of Policy - Considering the diversity of the unique biological resources of the Province of Aurora and its aesthetic, sociocultural, economic and ecological importance to the Island of Luzon, it is hereby declared the policy of the State to ensure its protection and conservation including the local communities therein and their culture and way of life insofar as they are in harmony with nature. The protection and conservation of Aurora's unique biodiversity shall be pursued through sustainable and participatory development, advancing and protecting the interests of its legitimate inhabitants, and respecting customary laws in accordance with RA 7586 or the National Integrated Protected Areas System (NIPAS) Act of 1992, RA 8371 or the Indigenous People's Rights Act (IPRA) of 1997, and international conventions to which the Philippines is a signatory.

SECTION 3. Scope and Coverage. - Pursuant to and in accordance with the NIPAS Act, the following are hereby declared and established as a protected area and part of the NIPAS under the category of Protected Landscape as defined herein and shall therefore be referred to as the Aurora Integrated Protected Landscape (AIPL):

A. Aurora Memorial Protected Landscape (AMPL).

meters from Poblacion of Baler;

The boundaries of the AMPL are hereby described as follows:

Beginning at a point marked "1" on the map No. R-04 A-5, S 60° W, 17,400

29		•		
30	Thence	S 69°15′ W	1,101.80 m	to
31	corner 2;			
32	Thence	N 62°25′ W	232.20 m	to
33	corner 3;			
34	Thence	N 16°32′ W	211.10 m	to
35	corner 4;			

1	Thence	N 46°21′ W	158.70 m	to
2	corner 5;	B I 4000// IAI	102 (0	t a
3	Thence	N 18°06′ W	183.60 m	to
4	corner 6;	S 80°25′ W	147.20 m	to
5	Thence	5 80°25 W	147.20 III	ιο
6	corner 7;	S 15°38′ W	167.80 m	to
7	Thence	5 15 36 W	107.00 111	to
8 9	corner 8; Thence	S 71°29′ W	130.60 m	to
9 10	corner 9;	371 27 **	100.00 111	to
11	Thence	S 49°04′ W	109.10 m	to
12	corner 10;	545 01 11	207120 211	•
13	Thence	S 45°46′ E	189.80 m	to
14	corner 11;	3 44 25 44		
15	Thence	S 42°30′ W	215.00 m	to
16	corner 12;	3 22 55 1.		
17	Thence	S 51°01′ E	166.10 m	to
18	corner 13;	301 01 2		
19	Thence	N 52°51′ E	284.80 m	to
20	corner 14;	1,0202	,,	
21	Thence	S 57°42′ E	208.80 m	to
22	corner 15;	33. 11		
23	Thence	N 72°29′ E	224,40 m	to
24	corner 16;	11,22,5	, ,	
25	Thence	S 37°44′ W	376.70 m	to
26	corner 17;	20, == .,		
27	Thence	N 69°58′ W	339.90 m	to
28	corner 18;	2.7.2.		
29	Thence	S 84°56′ W	139.40 m	to
30	corner 19;	" '		
31	Thence	N 71°14′ W	205.30 m	to
32	corner 20;			
33	Thence	S 75°43′ W	115.00 m	to
34	corner 21;	2		
35	Thence	Due West	70.10 m	to
36	corner 22;			
37	Thence	S 62°07′ W	69.50 m	to
38	corner 23;			
39	Thence	S 73°37′ W	151.40 m	to
40	corner 24;			
41	Thence	N 66°08′ W	114.60 m	to
42	corner 25;			
43	Thence	S 83°00′ W	128.80 m	to
44	corner 26;			
45	Thence	S 57°35′ W	139.90 m	to
46	corner 27;			
47	Thence	S 64°36′ W	79.70 m	to
48	corner 28;			
49	Thence	N 68°40′ W	134.40 m	to
50	corner 29;			
51	Thence	N 63°38′ W	252.10 m	to
52	corner 30;			

1 2	Thence corner 31;	N 87°17′ W	260.60 m	to
3	Thence	N 18°54′ W	313.60 m	to
4 5	corner 32; Thence	N 29°51′ W	421.40 m	to
6	corner 33;	T) . TAT .	100.00	
7	Thence	Due West	120.20 m	to
8 9	corner 34; Thence	N 41°11′ W	349.60 m	to
10	corner 35;	10 #1 11 44	5±2.00 III	10
11	Thence	S 50°06′ W	110.10 m	to
12	corner 36;			
13	Thence	S 71°29′ W	102.60 m	to
14	corner 37;			
15	Thence	S 38°57′ W	72.40 m	to
16	corner 38;			
17	Thence	S 55°56′ W	173.10 m	to
18	corner 39;			
19	Thence	S 85°34′ W	119.70 m	to
20	corner 40;			
21	Thence	S 67°45′ W	163.40 m	to
22	corner 41;			
23	Thence	Due South	145.20 m	to
24	corner 42;	D 0 1	100 10	ل م
25	Thence	Due South	189.40 m	to
26	corner 43;	S 84°56′ W	219.10 m	to
27	Thence	3 04 JU VV	217.10 111	10
28 29	corner 44; Thence	Due North	272.80 m	to
30	corner 45;	Duc North	2/2.00 111	
31	Thence	N 33°29′ W	145.90 m	to
32	corner 46;	1100 27 17		
33	Thence	N 05°53′ W	162.90 m	to
34	corner 47;			
35	Thence	N 14°55′ E	119.40 m	to
36	corner 48;			
37	Thence	N 63°38′ W	126.00 m	to
38	corner 49;		_	
39	Thence	N 75°10′ W	162.70 m	to
40	corner 50;	> " 0 - 00 0 (Y) Y	4.47.00	
41	Thence	N 31°38′ W	147.20 m	to
42	corner 51;	December 141 and	00.00	t a
43	Thence	Due West	90.20 m	to
44	corner 52;	N 47°26′ W	112.80 m	to
45	Thence	IN 47 ZO VV	112.00 111	ιο
46 47	corner 53; Thence	Due West	140.20 m	to
47 48	corner 54;	Duc 14031	110,40 111	***
40 49	Thence	N 50°42′ W	399.40 m	to
50	corner 55;	• • • • • • • • • • • • • • • • • • • •		
51	Thence	Due West	80.10 m	to
52	corner 56;			
	·			

1	Thence	N 39°12′ W	188.40 m	to
2	corner 57;	3.7. ((AQQ(T).7.	405 50	
3	Thence	N 66°08′ W	135.50 m	to
4	corner 58;	NT HOOFO(141	440.00	
5	Thence	N 73°52′ W	112.20 m	to
6	corner 59;	> T 44 04 4 / TAY	454 FO	
7	Thence	N 41°11′ W	151.50 m	to
8	corner 60;	NT F0000/ 347	00.00	1 -
9	Thence	N 72°33′ W	92.00 m	to
10	corner 61;	G (000T/ 14)	1 4 C CO	l a
11	Thence	S 60°25′ W	145.50 m	to
12	corner 62;	N 1 77 04 0/ TAY	140 40	4.0
13	Thence	N 75°10′ W	142.40 m	to
14	corner 63;	C F0010/ IA	101.00	.
15	Thence	S 72°12′ W	121.90 m	to
16	corner 64;	0.04004/747	107.00	
17	Thence	S 81°04′ W	127.90 m	to
18	corner 65;	0.0404747	440.00	
19	Thence	S 86°13′ W	149.80 m	to
20	corner 66;		44.00	
21	Thence	S 33°57′ W	112.20 m	to
22	corner 67;			
23	Thence	S 86°51′ W	179.90 m	to
24	corner 68;			
25	Thence	s 70°00′ W	101.60 m	to
26	corner 69;			
27	Thence	Due West	130.20 m	to
28	corner 70;			
29	Thence	S 84°56′ W	159.30 m	to
30	corner 71;			
31	Thence	N 55°15′ W	217.30 m	to
32	corner 72;			
33	Thence	N 62°25′ W	200.50 m	to
34	corner 73;			
35	Thence	N 25°30′ W	63.40 m	to
36	corner 74;			
37	Thence	S 86°13′ W	379.40 m	to
38	corner 75;			
39	Thence	S 58°41′ W	210.90 m	to
40	corner 76;			
41	Thence	N 19°43′ W	130.20 m	to
42	corner 77;			
43	Thence	N 08°50′ E	175.60 m	to
44	corner 78;			
45	Thence	N 34°24′ W	241.80 m	to
46	corner 79;			
47	Thence	N 24°39′ W	203.70 m	to
48	corner 80;	<u> </u>		
49	Thence	N 08°08′ W	175.80 m	to
4 9	corner 81;	1,000,00		
51	Thence	N 02°12′ W	163.60 m	to
52	corner 82;	14 Om 11		
32	COLLICI 02,			

1	Thence	N 07°22′ E	176.00 m	to
2	corner 83;			
3	Thence	S 84°56′ W	99.60 m	to
4	corner 84;			
5	Thence	S 57°47′ W	83.70 m	to
6	corner 85;			
7	Thence	S 57°47′ W	75.30 m	to
8	corner 86;			
9	Thence	S 27°16′ W	81.10 m	to
10	corner 87;			
11	Thence	S 83°40′ W	69.50 m	to
12	corner 88;			
13	Thence	S 70°00′ W	156.90 m	to
14	corner 89;			
15	Thence	Due South	113.70 m	to
16	corner 90;			
17	Thence	S 73°37′ W	85.10 m	to
18	corner 91;			
19	Thence	S 55°00′ W	163.60 m	to
20	corner 92;			
21	Thence	S 88°45′ W	110.10 m	to
22	corner 93;			
23	Thence	N 25°30′ W	126.80 m	to
24	corner 94;			
25	Thence	N 57°35′ W	86.00 m	to
26	corner 95;			
27	Thence	Due West	100.20 m	to
28	corner 96;			
29	Thence	N 46°21′ W	90.70 m	to
30	corner 97;			
31	Thence	S 54°06′ W	152.90 m	to
32	corner 98;			
33	Thence	S 80°25′ W	127.50 m	to
34	corner 99;	3 00 20 11		
35	Thence	N 48°30′ W	201.90 m	to
36	corner 100;	21 20 00 11		
37	Thence	N 80°30′ W	332.60 m	to
38	corner 101;	1,000,00	002.00	
39	Thence	N 57°35′ W	311.80 m	to
40	corner 102;	1,0,00,00		•
	Thence	S 78°26′ W	175.00 m	to
41		370 20 77	170.00 III	•
42	corner 103;	S 78°26′ W	291.80 m	to
43	Thence	370 20 W	271.00 111	ιο
44	corner 104;	S 7 5°43′ W	316.30 m	to
45	Thence	373 43 W	510.50 111	ιο
46	corner 105;	N 76°30′ W	314.50 m	to
47	Thence	14 AC OA MA	J14.JU III	W
48	corner 106;	እ፤ በኃዕለበ፣ ፕለ፣	313.20 m	to
49	Thence	N 03°40′ W	313.20 III	ιο
50	corner 107;	% T 4000001 T17	4077 40	L. a
51	Thence	N 48°30′ W	437.40 m	to
52	corner 108;			

16 corner 116; 17 Thence S 22°58′ E 145.70 m 18 corner 117; 19 Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 04°44′ E 132.90 m 24 corner 120; 25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence S 06°19′ E 133.10 m 36 corner 127; 39 Thence S 10°35′ W 52.70 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 40 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;					
Thence S 46°57′ W 161.00 m corner 110; Thence S 18°38′ W 149.90 m 144.70 m corner 111; Thence S 38°57′ W 144.70 m 222.70 m 10 corner 113; Thence S 79°05′ W 400.00 m 10 corner 114; Thence S 70°45′ W 222.70 m 10 corner 114; Thence S 66°57′ W 198.50 m 10 corner 115; Thence S 22°58′ E 185.50 m 10 corner 116; Thence S 22°58′ E 145.70 m 10 corner 117; Thence S 22°58′ E 145.70 m 10 corner 117; Thence S 55°51′ E 74.00 m 10 corner 118; Thence S 45°52′ W 136.90 m 10 corner 119; Thence S 45°52′ W 136.90 m 10 corner 120; Thence S 10°44′ E 132.90 m 10 corner 121; Thence S 10°44′ E 132.90 m 10 corner 121; Thence S 10°44′ E 132.90 m 10 corner 121; Thence S 10°49′ E 88.70 m 10 corner 122; Thence S 10°49′ E 10 some 122; Thence S 10°49′ E 10 some 123; Thence S 10°49′ E 10 some 124; Thence S 10°49′ E 10 some 126; Thence S 10°49′ E 10°49			S 17°08′ W	136.30 m	to
4 comer 110; 5 Thence		·	0.4708871717	474.00	
5 Thence S18°38′ W 149.90 m 6 corner 111; 7 Thence S38°57′ W 144.70 m 8 corner 122; 9 Thence S79°05′ W 400.00 m 10 corner 113; 11 Thence S70°45′ W 222.70 m 12 corner 114; 13 Thence S66°57′ W 198.50 m 14 corner 115; 15 Thence S22°58′ E 185.50 m 16 corner 116; 17 Thence S22°58′ E 145.70 m 18 corner 117; 19 Thence S55°51′ E 74.00 m 20 corner 118; 21 Thence S45°52′ W 136.90 m 22 corner 119; 23 Thence S04°44′ E 132.90 m 24 corner 120; 25 Thence S06°19′ E 88.70 m 26 corner 121; 27 Thence S41°20′ W 147.10 m 30 corner 122; 29 Thence S48°01′ W 131.50 m 31 Thence S48°01′ W 131.50 m 32 corner 124; 33 Thence S65°19′ E 168.90 m 34 corner 125; 35 Thence S66°19′ E 133.10 m 36 corner 126; 37 Thence S66°19′ E 168.90 m 38 corner 127; 39 Thence S06°19′ E 133.10 m 36 corner 127; 39 Thence S10°19′ E 163.90 m 36 corner 127; 39 Thence S10°19′ E 163.90 m 37 Thence S10°19′ E 168.90 m 38 corner 127; 39 Thence S10°19′ E 168.90 m 39 corner 128; 41 Thence Due South 126.30 m 40 corner 128; 41 Thence Due South 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S25°53′ W 335.50 m 46 corner 131; 47 Thence S25°53′ W 335.50 m 48 corner 132;			S 46°57′ W	161.00 m	to
6 corner 111; 7 Thence		·	S 18°38′ W	149.90 m	to
8 corner 112; 9 Thence		•			
9 Thence S 79°05′ W 400.00 m 10 corner 113; 11 Thence S 70°45′ W 222.70 m 12 corner 114; 13 Thence S 66°57′ W 198.50 m 14 corner 115; 15 Thence S 22°58′ E 185.50 m 16 corner 116; 17 Thence S 22°58′ E 145.70 m 18 corner 117; 19 Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 04°44′ E 132.90 m 24 corner 120; 25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 66°19′ E 133.10 m 36 corner 126; 37 Thence S 66°19′ E 133.10 m 36 corner 127; 39 Thence S 10°19′ E 133.10 m 36 corner 127; 39 Thence S 10°19′ E 133.10 m 37 Thence S 10°19′ E 133.10 m 38 corner 127; 39 Thence S 10°19′ E 170.70 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 40 corner 129; 43 Thence S 25°53′ W 335.50 m 46 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m			S 38°57′ W	144.70 m	to
10 corner 113; 11 Thence S 70°45′ W 222.70 m 12 corner 114; 13 Thence S 66°57′ W 198.50 m 14 corner 115; 15 Thence S 22°58′ E 185.50 m 16 corner 116; 17 Thence S 22°58′ E 145.70 m 18 corner 117; 19 Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 04°44′ E 132.90 m 24 corner 120; 25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 66°19′ E 133.10 m 36 corner 126; 37 Thence S 66°19′ E 133.10 m 36 corner 126; 37 Thence S 10°19′ E 133.10 m 36 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 40 corner 129; 43 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;		•	C 77000E/ 141	400.00	.
11 Thence S 70°45′ W 222.70 m 12 corner 114; 13 Thence S 66°57′ W 198.50 m 14 corner 115; 15 Thence S 22°58′ E 185.50 m 16 corner 116; 17 Thence S 22°58′ E 145.70 m 18 corner 117; 19 Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 06°19′ E 88.70 m 24 corner 120; 25 Thence S 81°43′ W 246.60 m 26 corner 121; 27 Thence S 41°20′ W 147.10 m 30 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence S 06°19′ E 133.10 m 36 corner 127; 39 Thence S 10°19′ E 133.10 m 36 corner 127; 39 Thence S 10°19′ E 133.10 m 36 corner 127; 39 Thence S 10°19′ E 133.10 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m			5 /9°05 W	400,00 m	to
12 corner 114; 13 Thence		·	S 70°45′ W	222 70 m	to
13 Thence			0,01011		
15 Thence S 22°58′ E 185.50 m 16 corner 116; 17 Thence S 22°58′ E 145.70 m 18 corner 117; 19 Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 06°19′ E 88.70 m 26 corner 120; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence S 65°19′ E 168.90 m 38 corner 127; 39 Thence S 10°19′ E 133.10 m 30 corner 127; 31 Thence S 10°19′ E 173.10 m 32 corner 129; 33 Thence S 10°19′ E 173.10 m 34 corner 125; 35 Thence S 10°19′ E 173.10 m 36 corner 126; 37 Thence S 10°19′ E 173.10 m 38 corner 127; 39 Thence S 10°19′ E 173.10 m 40 corner 128; 41 Thence Due South 126.30 m 42 corner 128; 43 Thence S 21°35′ W 52.70 m 44 corner 129; 45 Thence Due West 170.30 m 46 corner 130; 47 Thence S 25°53′ W 335.50 m 48 corner 131; 47 Thence S 25°53′ W 241.60 m			S 66°57′ W	198.50 m	to
16 corner 116; 17 Thence S 22°58′ E 145.70 m 18 corner 117; 19 Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 06°19′ E 88.70 m 24 corner 120; 25 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 65°19′ E 133.10 m 36 corner 126; 37 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence S 10°19′ E 133.10 m 36 corner 127; 39 Thence S 10°19′ E 170.70 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 40 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;	14	corner 115;	•		
17 Thence S 22°58′ E 145.70 m 18 corner 117; 19 Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 06°44′ E 132.90 m 24 corner 120; 25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;			S 22°58′ E	185.50 m	to
18			C 000FO(T)	4.45 50	
Thence S 55°51′ E 74.00 m 20 corner 118; 21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 04°44′ E 132.90 m 24 corner 120; 25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01 ′W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence S 06°19′ E 133.10 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence S 21°35′ W 52.70 m 40 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;			S 22°58′ E	145.70 m	to
20		•	C 55051/ E	74.00 m	to
21 Thence S 45°52′ W 136.90 m 22 corner 119; 23 Thence S 04°44′ E 132.90 m 24 corner 120; 25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence S 06°19′ E 133.10 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;		•	3 33 31 15	74.00 III	to
22 corner 119; 23 Thence			S 45°52′ W	136.90 m	to
23 Thence S 04°44′ E 132.90 m 24 corner 120; 25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;				200.50 222	•
25 Thence S 06°19′ E 88.70 m 26 corner 121; 27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;		·	S 04°44′ E	132.90 m	to
26	24	corner 120;			
27 Thence S 81°43′ W 246.60 m 28 corner 122; 29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01 ′ W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;	25		S 06°19′ E	88.70 m	to
28		•			
29 Thence S 41°20′ W 147.10 m 30 corner 123; 31 Thence S 48°01 ′W 131.50 m 32 corner 124; 33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;			S 81°43′ W	246.60 m	to
30		•	C 41920/ 347	14710	t a
31 Thence S 48°01 'W 131.50 m 32 corner 124; 33 Thence S 65°19' E 168.90 m 34 corner 125; 35 Thence S 06°19' E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35' W 52.70 m 40 corner 128; 41 Thence N 84°34' W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53' W 335.50 m 46 corner 131; 47 Thence S 25°53' W 241.60 m 48 corner 132;			341 20 VV	147.10 111	to
32		•	S 48°01 'W	131 50 m	to
33 Thence S 65°19′ E 168.90 m 34 corner 125; 35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;			0 10 01 11	101.00 111	
35 Thence S 06°19′ E 133.10 m 36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;		•	S 65°19′ E	168.90 m	to
36 corner 126; 37 Thence Due South 126.30 m 38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;	34	corner 125;			
Thence Due South 126.30 m Thence S 21°35′ W 52.70 m Thence S 21°35′ W 170.70 m Thence N 84°34′ W 170.70 m corner 129; Thence Due West 170.30 m corner 130; Thence S 25°53′ W 335.50 m Thence S 25°53′ W 241.60 m corner 132;	35	Thence	S 06°19′ E	133.10 m	to
38 corner 127; 39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;		•			
39 Thence S 21°35′ W 52.70 m 40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;			Due South	126.30 m	to
40 corner 128; 41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;		-	C 01925/ 147	52.70 m	40
41 Thence N 84°34′ W 170.70 m 42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;			5 21 30 VV	52.70 III	to
42 corner 129; 43 Thence Due West 170.30 m 44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;		·	N 84°34′ W	170.70 m	to
44 corner 130; 45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;			110202 11	17 017 0 111	
45 Thence S 25°53′ W 335.50 m 46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;	43		Due West	170.30 m	to
46 corner 131; 47 Thence S 25°53′ W 241.60 m 48 corner 132;	44	•			
47 Thence S 25°53′ W 241.60 m 48 corner 132;			S 25°53′ W	335.50 m	to
48 corner 132;		·	0.05050/347	044.60	
·			S 25°53' W	241.60 m	to
//U I DONCO SI/L*/LO W/ /// SU M	48 49	corner 132; Thence	S 04°45′ W	227.80 m	to
50 corner 133;			OUT TO VY	227.00 III	w
51 Thence S 23°01′ W 238.60 m			S 23°01′ W	238.60 m	to
52 corner 134;					
		•			

1	Thence	S 65°24′ W	178.30 m	to
2	corner 135;			
3	Thence	S 36°30′ W	64.00 m	to
4	corner 136;			
5	Thence	S 55°56′ W	164.90 m	to
6	corner 137;			
7	Thence	S 23°01′ W	178.90 m	to
8	corner 138;			
9	Thence	N 51°49′ W	198.60 m	to
10	corner 139;			
11	Thence	N 34°24′ W	169.30 m	to
12	corner 140;			
13	Thence	N 12°36′ E	147.00 m	to
14	corner 141;			
15	Thence	N 24°39′ W	267.20 m	to
16	corner 142;			
17	Thence	N 10°23′ W	134.60 m	to
18	corner 143;	1120 20 17	20 3,00 332	
19	Thence	N 37°15′ W	119.00 m	to
20	corner 144;	1107 10 11	117.00 111	20
21	Thence	N 14°58′ W	119.40 m	to
22	corner 145;	14 14 50 77	117. 4 0 III	to
	Thence	S 85°34′ W	59.80 m	to
23		3 03 34 77	39.00 III	10
24	corner 146	N 17°19′ W	263.00 m	to
25	Thence	IN 17 19 VV	205.00 m	ιο
26 27	corner 147;	N 87°17′ W	210.50 m	to
27	Thence	10 07 17 VV	210.50 111	w
28	corner 148;	S 41°20′ W	205.90 m	ło.
29	Thence	541 20 W	203.90 111	to
30	corner 149;	NT 00040/ X47	071.00	
31	Thence	N 83°12′ W	261.30 m	to
32	corner 150;	NT 00007/ TH	4775 00	
33	Thence	N 09°37′ W	175.30 m	to
34	corner 151;		•00.00	
35	Thence	S 77°46′ W	290.80 m	to
36	corner 152;			
37	Thence	S 61°11′ W	63.60 m	to
38	corner 153;			
39	Thence	Due North	95.50 m	to
40	corner 154;			
41	Thence	N 81°51′ E	100.70 m	to
42	corner 155;			
43	Thence	Due West	140.20 m	to
44	corner 156;			
45	Thence	S 87°28′ W	170.00 m	to
46	corner 157;			
47	Thence	N 02°12′ W	231.80 m	to
48	corner 158;			
49	Thence	N 09°35′ E	242.70 m	to
50	corner 159;			
51	Thence	N 24°35′ E	127.20 m	to
52	corner 160;			
	•			

1	Thence	N 13°23′ E	120.00 m	to
2	corner 161;	3.7.0.4.0.4.0.4.TI	440.80	
3	Thence	N 36°12′ E	119.50 m	to
4 5	corner 162; Thence	N 06°38′ W	122.10 m	4. ~
5 6	corner 163;	IN 00°30 VV	122.10 M	to
7	Thence	N 43°07′ E	103.60 m	to
8	corner 164;	11 45 07 L	105.00 111	to
9	Thence	N 02°56′ E	149.90 m	to
10	corner 165;			
11	Thence	N 27°60′ E	125.00 m	to
12	corner 166;			
13	Thence	N 28°05′ W	87.60 m	to
14	corner 167;			
15	Thence	S 12°36′ E	107.00 m	to
16	corner 168;			
17	Thence	S 89°22′ E	190.30 m	to
18	corner 169;			
19	Thence	S 81°43′ E	187.40 m	to
20	corner 170;	0.042424.77	4.087.4.0	
21	Thence	S 81°43′ E	187.40 m	to
22	corner 171;	0.0404 0 / T	40.00	
23	Thence	S 81°43′ E	49.30 m	to
24	corner 172;	N 66°08′ E	229.20 m	40
25 26	Thence	IN 00 UO E	229.20 III	to
20 27	corner 173; Thence	N 49°36′ E	245.40 m	to
28	corner 174;	IN 49 30 E	245.40 III	ισ
29	Thence	N 48°30′ E	224.30 m	to
30	corner 175;	14 40 50 L	221.00 111	10
31	Thence	N 67°45′ E	108.90 m	to
32	corner 176;	1107 10 111	20070 111	
33	Thence	N 47°26′ E	112.80 m	to
34	corner 177;			
35	Thence	N 75°10′ E	223.80 m	to
36	corner 178			
37	Thence	N 61°11′ E	106.00 m	to
38	corner 179;			
39	Thence	N 56°25′ E	173.00 m	to
40	corner 180;			
41	Thence	S 84°56′ E	298.70 m	to
42	corner 181;	O (2005/ T	400 50	
43	Thence	S 62°07′ E	199.70 m	to
44	corner 182;	C 41000/ 17	147 10	t a
45 46	Thence corner 183;	S 41°20′ E	147.10 m	to
40 47	Thence	S 64°36′ E	79.70 m	to
47 48	corner 184;	O 04 00 13	77.70 111	io
40 49	Thence	N 67°23′ E	197.10 m	to
4 9	corner 185;	14 07 AU L	7>\\1-0 III	10
51	Thence	N 55°15′ E	369.40 m	to
52	corner 186;			
_	•			

1 2	Thence corner 187;	N 88°45′ E	210.30 m	to
3	Thence corner 188;	S 89°22′ E	220.4 0 m	to
5	Thence corner 189;	S 88°06 'E	210.20 m	to
7	Thence	S 89°22′ E	130.20 m	to
8 9	corner 190; Thence	Due West	190.30 m	to
10 11	corner 191; Thence	N 10°23′ W	134.60 m	to
12 13	corner 192; Thence	S 81°44′ E	70.20 m	to
14 15	corner 193; Thence	N 11°51′ E	80.40 m	to
16 17	corner 194; Thence	N 45°18′ W	57.00 m	to
18 19	corner 195; Thence	N 06°36′ E	135.60 m	to
20 21	corner 196; Thence	N 63°33′ E	31.50 m	to
22 23	corner 197; Thence	N 14°58′ W	79.60 m	to
24 25	corner 198; Thence	Due East	44.90 m	to
26 27	corner 199; Thence	Due North	81.80 m	to
28 29	corner 200; Thence	N 32°28′ E	134.20 m	to
30 31	corner 201; Thence	Due North	81.80 m	to
32 33	corner 202; Thence	N 25°25′ E	88.70 m	to
34 35	corner 203; Thence	Due North	122.70 m	to
36 37	corner 204; Thence	N 20°27′ E	90.80 m	to
38 39	corner 205; Thence	N 08°06′ E	229.90 m	to
40 41	corner 206; Thence	S 59°28′ E	50.90 m	to
42 43	corner 207; Thence	N 15°41′ E	158.70 m	to
44 45	corner 208; Thence	N 29°46′ E	173.30 m	to
46 47	corner 209; Thence	N 18°03′ E	163.80 m	to
48	corner 210;	N 03°39′ E	177.00 m	to
49 50	Thence corner 211;			
51 52	Thence corner 212;	N 51°44′ E	154.10 m	to

1 2	Thence corner 213;	S 81°41′ E	275.20 m	to
3	Thence	N 77°47′ E	373.30 m	to
4 5	corner 214; Thence	S 84°17′ E	193.20 m	to
6 7	corner 215; Thence	N 05°09′ W	231.10 m	to
8 9	corner 216; Thence	N 69°54′ E	195.10 m	to
10 11	corner 217; Thence	S 66°06′ E	116.30 m	to
12 13	corner 218; <i>Thence</i>	S 68°26′ E	136.50 m	to
14 15	corner 219; Thence	N 18°50′ E	326.60 m	to
16 17	corner 220; Thence	N 18°03′ E	235.90 m	to
18 19	corner 221; Thence	N 08°50′ E	229.50 m	to
20	corner 222;			
21 22	Thence corner 223;	S 84°55′ E	168.70 m	to
23 24	Thence corner 224;	S 61°12′ E	171.90 m	to
25 26	Thence corner 225;	S 81°02′ E	196.10 m	to
27 28	Thence corner 226;	S 63°42′ E	175.50 m	to
29 30	Thence	S 55°51′ E	156.30 m	to
31	corner 227; Thence	S 25°48′ E	107.30 m	to
32 33	corner 228; Thence	S 52°59′ E	88.40 m	to
34 35	corner 229; Thence	S 82°20′ E	78.80 m	to
36 37	corner 230; Thence	S 88°45′ E	139.70 m	to
38 39	corner 231; Thence	N 36°12′ E	83.70 m	to
40 41	corner 232; Thence	N 33°23′ E	230.60 m	to
42 43	corner 233; Thence	Due East	159.70 m	to
44 45	corner 234; Thence	N 40°05′ E	234.00 m	to
46	corner 235;	N 50°36′ E	221.50 m	
47 48	Thence corner 236;			to
49 50	Thence corner 237;	N 69°54′ E	236.10 m	to
51 52	Thence corner 238;	N 73°49′ E	223.70 m	to

1	Thence	N 85°54′ E	329.80 m	to
2	corner 239;	NI HOOO // E	0 m/c 0.0	
3 4	Thence	N 50°36′ E	276.80 m	to
5	corner 240; Thence	N 71°11′ E	286.50 m	to
6	corner 241;	14 / 1 L	200.50 III	10
7	Thence	N 80°28′ E	331.50 m	to
8	corner 242;			
9	Thence	N 11°51′ E	254.50 m	to
10	corner 243;			
11	Thence	N 18°50′ E	300.50 m	to
12	corner 244;			
13	Thence	N 69°54′ E	92.40 m	to
14	corner 245;	NI 00000/ T7	04.00	
15	Thence	N 33°23′ E	84.90 m	to
16	corner 246; Thence	N 34°24′ W	108.80 m	to
17 18	corner 247;	1N 34 24 VV	100.00 III	io
19	Thence	N 16°29′ E	79.20 m	to
20	corner 248;	14 10 27 11	77.20 111	
21	Thence	N 45°13′ E	261.70 m	to
22	corner 249;	11.10 10 15		
23	Thence	N 25°25′ E	240.70 m	to
24	corner 250;			
25	Thence	Due North	272.80 m	to
26	corner 251;			
27	Thence	N 11°53′ W	214.40 m	to
28	corner 252;			
29	Thence	N 03°40′ W	245.10 m	to
30	corner 253;			
31	Thence	N 26°16′ E	327.90 m	to
32	corner 254;	NT 00047/ TT	004.00	
33	Thence	N 29°46′ E	321.90 m	to
34	corner 255; Thence	N 41°05′ E	314.10 m	to
35 36	corner 256;	N 41 U3 E	314.10 m	to
30 37	Thence	S 86°12′ E	238.80 m	to
38	corner 257;	0 00 12 E	200.00 111	to
39	Thence	S 59°28′ E	178.00 m	to
40	corner 258;	- 		**
41	Thence	N 76°27′ E	192.10 m	to
42	corner 259;			
43	Thence	N 41°05′ E	290.90 m	to
44	corner 260;			
45	Thence	S 83°38′ E	197.80 m	to
46	corner 261;	O 177.0047 77	200 (0	
47	Thence	S 76°21′ E	220.60 m	to
48	corner 262;	NI 170040/ T	100 An	£ =
49	Thence	N 73°49′ E	183.00 m	to
50	corner 263; Thence	S 81°02′ E	166.70 m	to
51 52	corner 264;	J 01 02 E	100.70 111	10
34	Correct 204,			

1	Thence	N 41°05′ E	197.80 m	to
2	corner 265;	17 (2040)		
3	Thence	N 67°19′ E	300.00 m	to
4	corner 266; Thence	N1 20020/ T	160.00	
5		N 30°39′ E	160.20 m	to
6 7	corner 267; Thence	N 75°07′ E	162,20 m	ha
8	corner 268;	14 / 5 U/ E	102.20 111	to
9	Thence	N 51°44′ E	286.30 m	to
10	corner 269;	IVOI II L	200.50 111	10
11	Thence	N 63°33′ E	251.40 m	to
12	corner 270;	110000	MV 1, 10 111	
13	Thence	S 88°06′ E	239.40 m	to
14	corner 271;			-0
15	Thence	N 85°54′ E	274.90 m	to
16	corner 272;			
17	Thence	N 73°49′ E	142.30 m	to
18	corner 273;			
19	Thence	N 43°07′ E	207.10 m	to
20	corner 274;			
21	Thence	N 87°16′ E	189.80 m	to
22	corner 275;			
23	Thence	S 86°12′ E	278.60 m	to
24	corner 276;			
25	Thence	N 14°11′ W	305.90 m	to
26	corner 277;			
27	Thence	N 38°07′ E	177.40 m	to
28	corner 278;			
29	Thence	N 05°08′ E	367.00 m	to
30	corner 279;			
31	Thence	N 05°08′ E	285.50 m	to
32	corner 280;			
33	Thence	N 56°36′ E	166.10 m	to
34	corner 281;	7.7.4.40704.00	A-7-1-0	
35	Thence	N 14°58′ W	265.40 m	to
36	corner 282;	NT 00000/ TAT	044.570	
37	Thence	N 22°09′ W	244.70 m	to
38	corner 283; Thence	N 12°39′ W	227.30 m	40
39 40	corner 284;	IN 12 39 VV	227.30 III	to
40 41	Thence	N 57°35′ W	118,30 m	to
42	corner 285;	14 37 33 44	110.00 111	to
42	Thence	N 36°18′ W	107.70 m	to
44	corner 286;	14 30 10 44	107,70 111	ιο
45	Thence	N 10°23′ W	228.70 m	to
46	corner 287;	1V 10 25 VV	2.20.70 111	ιο
47	Thence	N 67°23′ W	72,60 m	to
48	corner 288;	100, 25 77	, 2,00 111	
49	Thence	N 28°05′ W	125.10 m	to
50	corner 289;	21		
51	Thence	N 03°39' E	95.30 m	to
52	corner 290;			

1	Thence	N 08°50′ E	243.00 m	to
2	corner 291;			
3	Thence	N 13°23′ E	213.40 m	to
4	corner 292;	NT 15041/ T	011 (0	
5 6	Thence corner 293;	N 15°41′ E	211.60 m	to
7	Thence	S 48°58′ E	101.20 m	to
8	corner 294;	3 1 0 30 L	101.20 111	ю
9	Thence	S 77°02′ E	154.00 m	to
10	corner 295;	5	20 2.000 111	•
11	Thence	S 52°01′ E	207.30 m	to
12	corner 296			
13	Thence	S 52°01′ E	255.10 m	to
14	corner 297;			
15	Thence	S 29°55′ E	89.00 m	to
16	corner 298;			
17	Thence	Due East	269.50 m	to
18	corner 299;			
19	Thence	S 07°54′ W	196.90 m	to
20	corner 300			
21	Thence	S 61°12′ E	223.50 m	to
22	corner 301;			
23	Thence	N 87°16′ E	109.90 m	to
24	corner 302;	OWO		
25	Thence	N 87°16′ E	259.70 m	to
26	corner 303;	NT 0004 (/ TO	040.50	
27	Thence	N 87°16′ E	269.70 m	to
28	corner 304;	N I 07704 // 17	040.70	
29	Thence	N 87°16′ E	269.70 m	to
30	corner 305;	NI 1000// T	170.40	•
31	Thence	N 12°36′ E	160.40 m	to
32 33	corner 306; Thence	N 69°54′ E	184.90 m	to
33 34	corner 307;	N 09 34 E	104.70 III	to
35	Thence	N 06°36′ E	284.80 m	to
36	corner 308;	1,0000	201.00 111	to
37	Thence	N 62°20′ E	105.30 m	to
38	corner 309;	11 02 20 11	100.00 111	•
39	Thence	N 31°38′ W	110.50 m	to
40	corner 310;			
41	Thence	N 12°36′ E	80.20 m	to
42	corner 311;			
43	Thence	N 57°30′ E	107.30 m	to
44	corner 312;			
45	Thence	N 41°11′ W	104.80 m	to
46	corner 313;			
47	Thence	S 83°38′ E	108.80 m	to
48	corner 314;			
49	Thence	S 87°28′ E	269.10 m	to
50	corner 315;	0.040445	4,244,4	
51	Thence	S 81°41′ E	167.10 m	to
52	corner 316;			

1 2	Thence corner 317;	S 25°48′ E	87.20 m	to
3	Thence corner 318;	S 48°58′ E	54.40 m	to
5 6	Thence corner 319;	N 18°50′ E	130.60 m	to
7 8	Thence corner 320;	S 40°03′ E	58.30 m	to
9 10	Thence corner 321	N 24°35′ E	139.90 m	to
11 12	Thence corner 322;	Due East	299.50 m	to
13 14	Thence corner 323;	N 87°16′ E	269.70 m	to
15 16	Thence corner 324;	N 71°11′ E	214.90 m	to
17 18	Thence corner 325;	N 55°09′ E	227.60 m	to
19 20	Thence corner 326;	N 56°19′ E	258.80 m	to
21 22	Thence corner 327;	N 73°49′ E	305.10 m	to
23 24	Thence corner 328;	S 85°33′ E	139.10 m	to
25 26	Thence corner 329;	S 57°42′ E	242.20 m	to
27 28	Thence corner 330;	S 86°50′ E	149.40 m	to
29 30	Thence corner 331;	S 88°45′ E	199.60 m	to
31 32	Thence corner 332;	S 55°51′ E	106.90 m	to
33 34	Thence corner 333;	S 85°33′ E	159.00 m	to
35 36	Thence corner 334;	S 88°06′ E	119.70 m	to
37 38	Thence corner 335;	S 79°03′ E	175.00 m	to
39 40	Thence corner 336;	S 86°12′ E	199.00 m	to
41 42	Thence corner 337;	N 37°09′ E	214.00 m	to
43 44	Thence corner 338;	S 73°34′ E	282.90 m	to
45 46	Thence corner 339;	S 77°43′ E	222.20 m	to
47 48	Thence corner 340	S 89°22′ E	259.50 m	to
49 50	Thence corner 341;	S 68°26′ E	227.40 m	to
51 52	Thence corner 342;	S 74°17′ E	227.60 m	to

1	Thence	N 46°06′ E	226.30 m	to
2	corner 343;	0.0000177		
3	Thence	S 82°20′ E	384.20 m	to
4	corner 344;	N 53°60′ E	001.00	• -
5	Thence	N 53 60 E	381.30 m	to
6	corner 345;	NT 00000/ T	001.40	
7	Thence	N 80°28′ E	281.40 m	to
8	corner 346	S 28°34′ E	91 (0	<i>t</i> a
9	Thence	5 20 34 B	81.60 m	to
10	corner 347;	S 74°17′ E	104.20	4.0
11	Thence	5/4 1/ E	104.20 m	to
12	corner 348;	S 11°01′ W	108.50 m	f. a
13	Thence	5 11 01 W	108.30 m	to
14	corner 349;	C 70000/ Tr	77 50	4.0
15	Thence	S 78°23′ E	<i>77.</i> 50 m	to
16	corner 350;	C 4494E/ 341	F2 00	1 -
17	Thence	S 44°45′ W	52.80 m	to
18	corner 351;	C 45044/)T	077.00	,
19	Thence	S 45°46′ E	37.90 m	to
20	corner 352;	0.05054/111	44 50	_
21	Thence	S 07°54′ W	44.50 m	to
22	corner 353;			
23	Thence	S 75°40′ E	57.30 m	to
24	corner 354;			
25	Thence	S 17°05′ E	38.90 m	to
26	corner 355;			
27	Thence	S 47°55′ E	92.60 m	to
28	corner 356;			
29	Thence	S 75°40′ E	66.80 m	to
30	corner 357;			
31	Thence	S 04°44′ E	88.50 m	to
32	corner 358;			
33	Thence	S 72°08′ E	65.40 m	to
34	corner 359;			
35	Thence	S 63°42′ E	61.40 m	to
36	corner 360;			
37	Thence	S 42°24′ E	192.50 m	to
38	corner 361;			
39	Thence	S 58°35′ E	437.50 m	to
40	corner 362;	±=		
41	Thence	S 66°54′ E	485.90 m	to
42	corner 363;			
43	Thence	S 57°42′ E	709.90 m	to
44	corner 1,			
A =				

the point of beginning containing an area of NINETEEN THOUSAND ONE HUNDRED and 24/100 (19,100.24) hectares subject to actual ground survey and demarcation.

B. Dinadiawan River Protected Landscape (DRPL).

The boundaries are hereby set at follows:

1	Beginning at a point ma	rked "1" on the map	which is at the m	outh of
2	Dinadiawan River;	1		
3	•			
4	Thence	S 70°00′ W	851.40 m	to
5	corner 2;			
6	Thence	Due North	456.90 m	to
7	corner 3;			
8	Thence	N 21°00′ W	450.00 m	to
9	corner 4;			
10	Thence	N 52°00′ W	400.00 m	to
11	corner 5;			
12	Thence	N 07°00′ W	475.00 m	to
13	corner 6;			
14	Thence	N 16°00′ W	550.00 m	to
15	corner 7;			
16	Thence	N 48°00′ W	350.00 m	to
17	corner 8;			
18	Thence	N 35°00′ W	400.00 m	to
19	corner 9;			
20	Thence	N 04°00′ E	225.00 m	to
21	corner 10;			
22	Thence	N 56°00′ W	350.00 m	to
23	corner 11;			
24	Thence	S 82°00′ W	350.00 m	to
25	corner 12;			
26	Thence	N 31°00′ W	350.00 m	to
27	corner 13;			
28	Thence	N 64°00′ W	300.00 m	to
29	corner 14;			
30	Thence	S 80°00′ W	225.00 m	to
31	corner 15;	'		
32	Thence	N 51°00′ W	450.00 m	to
33	corner 16;			
34	Thence	S 66°00′ W	400,00 m	to
35	corner 17;			
36	Thence	N 83°00′ W	375.00 m	to
37	corner 18;			
38	Thence	S 65°00′ W	350.00 m	to
39	corner 19;			
40	Thence	N 83°00′ W	325.00 m	to
41	corner 20;			
42	Thence	N 69°00′ W	850.00 m	to
43	corner 21;			
44	Thence	N 08°00′ W	650.00 m	to
45	corner 22;			
46	Thence	S 83°00′ E	500.00 m	to
47	corner 23;			
48	Thence	N 72°00′ E	450.00 m	to
49	corner 24;			
50	Thence	S 53°00′ E	225.00 m	to
51	corner 25;			
52	Thence	N 82°00′ E	350.00 m	to
53	corner 26;			

1	Thence	S 62°00′ E	400.00 m	to
2	corner 27;	N1 00000/ E	075.00	
3	Thence	N 88°00′ E	275.00 m	to
4	corner 28;	N 40°00′ E	250.00 m	to
5	Thence	1N 40 00 E	250.00 m	to
6	corner 29; Thence	N 77°00′ E	450.00 m	to
7 8	corner 30;	14 77 OO 15	450.00 111	io
9	Thence	N 13°00′ E	300.00 m	to
10	corner 31;	14 10 00 1	000.00 11.	
11	Thence	N 27°00′ W	350.00 m	to
12	corner 32;	2, 2 , 00 , ,		
13	Thence	N 12°00′ W	250.00 m	to
14	corner 33;			
15	Thence	N 80°00′ W	300.00 m	to
16	corner 34;			
17	Thence	N 10°00′ E	225.00 m	to
18	corner 35;			
19	Thence	N 11°00′ W	200.00 m	to
20	corner 36;			
21	Thence	N 57°00′ E	400.00 m	to
22	corner 37;			
23	Thence	N 57°00′ E	225.00 m	to
24	corner 38;			
25	Thence	N 12°00′ E	400.00 m	to
26	corner 39;			
27	Thence	Due North	225.00 m	to
28	corner 40;			
29	Thence	N 44°00′ E	425.00 m	to
30	corner 41;			
31	Thence	Due North	700.00 m	to
32	corner 42;			
33	Thence	N 43°00′ E	700.00 m	to
34	corner 43;		.=a aa	
35	Thence	N 70°00′ E	650.00 m	to
36	corner 44;	G ==000/ Y	400.00	
37	Thence	S 55°00′ E	400.00 m	to
38	corner 45;	C 20000/ T	225 00	ło.
39	Thence	S 30°00′ E	325.00 m	to
40	corner 46;	C 4E900/ T	650.00 m	to
41	Thence	S 45°00′ E	050.00 111	to
42	corner 47;	S 34°00′ E	350.00 m	to
43	Thence	5 34 UU E	330.00 III	10
44	corner 48; Thence	S 54°00′ E	425.00 m	to
45 46	corner 49;	3.04.00 12	425.00 III	10
	Thence	S 61°00′ E	550.00 m	to
47 48	corner 50;	OO1 00 E	000.00 111	10
48 49	Thence	S 59°00′ E	675.00 m	to
49 50	corner 51;	U U V V II	0,0,00 III	
51	Thence	S 56°00′ E	425.00 m	to
52	corner 52;	300 00 H	MARKET V V AAR	••
34	COILIEL UZ,			

1	Thence	N 87°00′E	825.00 m	to
2 3	corner 53; Thence	N 51°00′ E	275.00 m	to
4	corner 54;	G 00000/ TI	400.00	
5	Thence	S 80°00′ E	400.00 m	to
6	corner 55;	C 00000/ E	225 00	1 -
7	Thence	S 23°00′ E	325.00 m	to
8	corner 56;	N 66°00′ E	250.00 m	4.0
9	Thence	N 00 00 E	250.00 III	to
10	corner 57;	C (0900/ T	600.00 m	t a
11	Thence	S 69°00′ E	600.00 m	to
12	corner 58;	S 15°00′ E	550.00 m	to
13	Thence	5 13 00 E	550.00 III	ιο
14	corner 59;	S 07°00′ W	300.00 m	to
15	Thence	5 07 00 W	300.00 III	ιο
16	corner 60;	S 61°00′ W	575.00 m	to
17	Thence	201.00 44	373.00 111	ιο
18	corner 61;	S 71°00′ W	400.00 m	to
19	Thence	571 00 VV	400.00 III	ιο
20	corner 62;	C 00000/ 17	250.00 m	l.a
21	Thence	S 02°00′ E	230.00 III	to
22	corner 63;	C 05000/ TAT	200.00	
23	Thence	S 25°00′ W	300.00 m	to
24	corner 64;	0.44000/.141	450.00	
25	Thence	S 11°00′ W	450.00 m	to
26	corner 65;	0.00000/.TU	250.00	_
27	Thence	S 03°00′ W	250.00 m	to
28	corner 66;	0 450004747	= 00.00	
29	Thence	S 45°00′ W	500.00 m	to
30	corner 67;	- Wasaat 717	050.00	
31	Thence	S 53°00′ W	350.00 m	to
32	corner 68;	C =00004 T1T	0HE 00	
33	Thence	S 70°00′ W	275.00 m	to
34	corner 69;	0.00001717	(AF 00	_
35	Thence	S 24°00′ W	625.00 m	to
36	corner 70;		BBO 00	
37	Thence	S 46°00′ W	550.00 m	to
38	corner 71;	C (00001 III	000 00	
39	Thence	S 63°00′ W	200.00 m	to
40	corner 72;	G (0000/ TH)	050.00	
41	Thence	S 63°00′ W	250.00 m	to
42	corner 73;	0.04004 E	050.00	• -
43	Thence	S 06°00′ E	350,00 m	to
44	corner 74;	C 04000/ IAI	EEO 00	t
45	Thence	S 24°00′ W	550.00 m	to
46	corner 75;	C 22000/ 3T	225.00	to
47	Thence	S 33°00′ E	325.00 m	to
48	corner 76;	C 10000/ TAT	350.00 m	40
49	Thence	S 19°00′ W	330,00 III	to
50	corner 77;	S 69°59′ W	575.70 m	to
51	Thence			
52	corner 01, the point	of beginning contain	mig an area or une	C mousand

three hundred seventy-one and 33/100 (3,371.33) hectares subject to actual ground survey and demarcation.

C. Talaytay River Protected Landscape (TRPL).

The boundaries of the TPL are hereby described as follows:

Beginning at a point marked "1" on the map located at the center of NIA Dam with geographical coordinates 16°07′30" and 161°05′30" north latitude and 121°50′35" and 121°58′10" east longitude;

11				
12	Thence	N 39°12′W	1,301.90 m	to
13	corner 2;			
14	Thence	N 69°08′W	1,205.70 m	to
15	corner 3;			
16	Thence	N 60°11′W	728.10 m	to
17	corner 4;			
18	Thence	Due West	955.50 m	to
19	corner 5;			
20	Thence	N 43°53′E	673.60 m	to
21	corner 6;			
22	Thence	N 67°09′W	552.80 m	to
23	corner 7;			
24	Thence	N 67°09′W	1,054.90 m	to
25	corner 8;			
26	Thence	N 34°11′W	1,176.10 m	to
27	corner 9;			
28	Thence	N 32°11′W	650.70 m	to
29	corner 10;			
30	Thence	N 07°58′E	1,298.20 m	to
31	corner 11;			
32	Thence	N 49°53′E	1,892.70 m	to
33	corner 12;			
34	Thence	N 84°59′E	1,690.80 m	to
35	corner 13;			
36	Thence	N 17°07′W	849.60 m	to
37	corner 14;			
38	Thence	N 29°11′W	1,275.50 m	to
39	corner 15;			
40	Thence	N 75°57′E	398.90 m	to
41	corner 16;			
42	Thence	S 61°50′E	1,320.10 m	to
43	corner 17;			
44	Thence	S 61°50′E	1,245.40 m	to
45	corner 18;			
46	Thence	S 52°47′E	1,047.30 m	to
47	corner 19;			
48	Thence	S 02°00′W	801.90 m	to
49	corner 20;			
50	Thence	S 11°55′E	1,202.10 m	to
51	corner 21;			
52	Thence	S 05°49′W	1,001.90 m	to
53	corner 22;			

1	Thence	S 18°52′E	951.30 m	to
2	corner 23;			
3	Thence	S 24°50′E	750.80 m	to
4	corner 24;			
5	Thence	S 08°56′E	851.80 m	to
6	corner 25;			
7	Thence	S 11°02′W	1,152.60 m	to
8	corner 26;			
9	Thence	S 54°06′W	1,255.50 m	to
10	corner 1;			

the point of beginning containing an area of three thousand five hundred twenty six and 29/100 (3,526.29) hectares subject to actual ground survey and demarcation.

D. Amro River Protected Landscape (ARPL).

The boundaries of the ARPL are hereby described as follows:

Beginning at a point marked "1" on the map with geographical coordinates $16^{\circ}20'13.86''$ latitude and $122^{\circ}05'59.49$ longitude;

1,280.90 m

938.10 m

to

to

N 79°02′W

S 82°32′W

23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
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39	
40	
41	
42	
43	
44	

Thence

Thence

corner 2;

THEREC	002 02 11	700,10 111	i.o
corner 3;			
Thence	S 59°53′W	603.70 m	to
corner 4;			
Thence	S 88°09′W	548.30 m	to
corner 5;			
Thence	S 81°28′W	555.40 m	to
corner 6;			
Thence	S 55°49′W	605.40 m	to
corner 7;			
Thence	S 15°20′W	465.00 m	to
corner 8;			
Thence	S 02°52′W	573.10 m	to
corner 9;			
Thence	S 10°59′E	522.00 m	to
corner 10;			
Thence	S 54°48′W	605.80 m	to
corner 11;			
Thence	S 34°47′W	564.90 m	to
corner 12;			
Thence	S 43°42′W	760.80 m	to
corner 13;			
Thence	Due South	722.94 m	to
corner 14;			
Thence	S 18°13′W	774.00 m	to
corner 15;			
Thence	N 89°05′W	596.20 m	to
corner 16;			

1	Thence	N 85°01′W	597.30 m	to
2	corner 17;	C 070FF/347	710.20	1
3	Thence	S 27°55′W	719.20 m	to
4	corner 18;	C 70000/XAI	1 007 00	Ł.
5	Thence	S 79°32′W	1,087.80 m	to
6	corner 19;	NT 0 400 1/147	E07.20	40
7	Thence	N 84°01′W	597.20 m	to
8	corner 20;	N.T. 1777.000/XA7	F0F 0 0	6.0
9	Thence	N 76°02′W	597.20 m	to
10	corner 21;		404.00	
11	Thence	N 52°04′W	694.20 m	to
12	corner 22;		604.40	
13	Thence	N 60°04′W	694.40 m	to
14	corner 23;			
15	Thence	N 03°08'E	936.70 m	to
16	corner 24;			
17	Thence	N 13°36′E	939.20 m	to
18	corner 25;			
19	Thence	N 03°21′E	742.20 m	to
20	corner 26;			
21	Thence	N 06°18′E	692.70 m	to
22	corner 27;			
23	Thence	N 05°02′E	693.00 m	to
24	corner 28;			
25	Thence	N 54°17′E	613.70 m	to
26	corner 29;			
27	Thence	N 51°19′E	1,013.30 m	to
28	corner 30;			
29	Thence	N 79°14′E	897.50 m	to
30	corner 31;			
31	Thence	S 88°00′E	725.90 m	to
32	corner 32;			
33	Thence	N 10°28′E	986.70 m	to
34	corner 33;			
35	Thence	N 46°21′E	884.70 m	to
36	corner 34;			
37	Thence	N 39°19′E	854.50 m	to
38	corner 35;			
39	Thence	N 50°19′E	711.90 m	to
40	corner 36;			
41	Thence	N 45°20'E	709.10 m	to
42	corner 37;	• • • • • • • • • • • • • • • • • • • •		
43	Thence	N 63°06′E	1,072.60 m	to
44	corner 38;		_,	
45	Thence	N 13°36′E	548.80 m	to
46	corner 39;	.,		
47	Thence	N 17°46′E	793.80 m	to
48	corner 40;	14 Y1 TO TA		•
	•	N 20°53′E	746.00 m	to
49 50	Thence	14 ZU JU Li	/ TO.00 III	
50	corner 41;	N 28°04′W	742.20 m	to
51 52	Thence	IN ZO UT VY	/ T4.4V III	
52	corner 42;			

2 corner 43; 3 Thence S 77°00′E 726.20 m to 4 corner 44; 5 Thence S 42°58′E 828.30 m to 6 corner 45; 7 Thence S 22°59′E 419.90 m to 8 corner 46; 9 Thence S 07°00′E 522.10 m to 10 corner 47; 11 Thence S 55°59′E 445.20 m to 12 corner 48; 13 Thence S 44°58′E 419.70 m to 14 corner 49; 15 Thence S 88°57′E 725.90 m to 16 corner 50; 17 Thence S 68°59′E 521.70 m to 18 corner 51; 19 Thence S 51°59E 572.90 m to 20 corner 52; 21 Thence S 09°34′W 572.40 m to 22 corner 53; 23 Thence S 09°34′W 572.40 m to 24 corner 54; 25 Thence S 03°50′W 521.90 m to 26 corner 56; 27 Thence S 03°50′W 521.90 m to 28 corner 56; 29 Thence S 04°59′E 573.20 m to 20 corner 57; 31 Thence S 17°59′E 471.00 m to 32 corner 57; 31 Thence S 17°59′E 471.00 m to 32 corner 58; 33 Thence S 17°59′E 471.00 m to 34 corner 58; 35 Thence S 22°59′E 624.20 m to 36 corner 59; 35 Thence S 31°50′W 919.00 m to	1	Thence	N 44°20′E	758.40 m	to
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36 corner 01;			S 31°50′W	919.00 m	to
	36	corner 01;			

 the point of beginning containing an area of six thousand four hundred seventy-one and 08/100 (6,471.08) hectares subject to actual ground survey and demarcation.

E. Simbahan - Talagas Protected Landscape -

Beginning at a point marked "1" on the map with geographical coordinates 16°8′00" latitude and 121°50′00" longitude;

49				
50	Thence	N 33°03′W	884.5 m	to
51	corner 2;			
52	Thence	N 49°03′W	1,021.8 m	to
53	corner 3;			

The boundaries of the STPL are hereby described as follows:

1	Thence	N 29°02′W	816.6 m	to
2	corner 4;			
3	Thence	N 41°03′W	619.1 m	to
4	corner 5;			
5	Thence	N 66°02′W	463.7 m	to
6	corner 6;			
7	Thence	N 06°01′E	1,150.6 m	to
8	corner 7;			
9	Thence	N 77°02′E	322.1 m	to
10	corner 8;			
11	Thence	N 57°04'E	484.8 m	to
12	corner 9;			
13	Thence	N 61°58′E	305.3 m	to
14	corner 10;			
15	Thence	S 82°59′E	303.1 m	to
16	corner 11;			
17	Thence	N 85°01′E	353.2 m	to
18	corner 12;			
19	Thence	N 62°04′E	447.9 m	to
20	corner 13;			
21	Thence	N 10°02′E	227.5 m	to
22	corner 14;	111001		
23	Thence	Due East	201.0 m	to
23 24	corner 15;	Due East	201.0 111	
2 4 25	Thence	N 67°03′E	450.0 m	to
	corner 16;	N 07 03 E	100.0111	
26	Thence	N 49°04'E	608.6 m	to
27		10 49 04 11	000.0 111	ιο
28	corner 17;	N 27°04′E	710.9 m	to
29	Thence	IN 27 U4: E	710.9 111	io
30	corner 18;	NI	200.0	t-a
31	Thence	N 65°03′E	399.0 m	to
32	corner 19;	NT 00004/T	040.6	1 -
33	Thence	N 29°04′E	240.6 m	to
34	corner 20;	3.7.77.00.4/-	(00.6	
35	Thence	N 51°04′E	688.6 m	to
36	corner 21;			
37	Thence	S 42°57′E	1,483.0 m	to
38	corner 22;			
39	Thence	S 04°00′E	1,280.7 m	to
40	corner 23;			
41	Thence	S 57°57′E	590.6 m	to
42	corner 24;			
43	Thence	S 08°59′E	1,049.2 m	to
44	corner 25;			
45	Thence	S 57°56′W	654.2 m	to
46	corner 26;			
47	Thence	S 27°56′W	684.1 m	to
48	corner 27;			
49	Thence	S 08°59′W	639.3 m	to
50	corner 28;			
51	Thence	S 80°59′W	317.9 m	to
52	corner 29;			
	•			

1	Thence	S 72°57′W	249.9 m	to
2	corner 30;			
3	Thence	S 78°58′W	187.9 m	to
4	corner 31;			
5	Thence	S 78°58′W	299.9 m	to
6	corner 32;			
7	Thence	S 21°57′W	350.6 m	to
8	corner 33;			
9	Thence	N 48°03′W	301.6 m	to
10	corner 34;			
11	Thence	S 66°57′W	250.0 m	to
12	corner 35;			
13	Thence	S 50°56′W	557.3 m	to
14	corner 36;			
15	Thence	N 82°01′W	316.8 m	to
16	corner 37;			
17	Thence	S 58°56′W	352.1 m	to
18	corner 38;			
19	Thence	S 36°55′W	425.5 m	to
20	corner 1;			

the point of beginning containing an area of two thousand two hundred sixty-six and 49/100 (2,266.49) hectares subject to actual ground survey and demarcation.

Once surveyed and verified on the ground, and incorporating necessary corrections including changes recommended by the AIPL Management Board which are supported by sound technical and scientific basis, the Department of Environment and Natural Resources (DENR) shall mark on the ground the boundaries set forth in this Act which shall not be modified except by an act of Congress.

 The technical descriptions provided in this Act will be subject to ground survey and verification to be conducted by the DENR within ninety (90) days after the effectivity of this Act. Any modification of the coverage of this Act due to such factors as changing ecological situations, new scientific or archeological findings, or discovery of traditional boundaries not previously taken into account shall be made through an act of Congress, after consultation with the affected public and concerned government agencies.

SECTION 4. Land Classification. - All lands of the public domain comprising the Protected Areas shall fall under the classification of national park as provided for in the Philippine Constitution.

SECTION 5. *Definition of Terms* – For purposes of this Act:

 (a) "Biodiversity" shall refer to variety and variability among all living organisms and the ecological complexities in which they occur.

(b) "Biological resources" shall include genetic resources, organisms or parts thereof, population, or any other biotic component of ecosystems with actual or potential use or value for humanity.

1 2

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

(d) "By-product or derivatives" shall mean any part taken or substance extracted from wildlife, in raw or in processed form. This includes stuffed animals and herbarium specimens.

(e) "Collection or collecting" shall refer to the act of gathering or harvesting wildlife, its by-products or derivatives.

(f) "Component area" shall refer to the area previously ordered or proclaimed as the Amro River Watershed Forest Reserve (ARWPL), Talaytay Watershed Forest Reserve (TWFR), Aurora Memorial Protected Landscape (AMPL), Dinadiawan River Protected Landscape (DRPL), and Simbahan-Talagas Watershed Forest Reserve (STWFR).

(g) "Conservation" shall mean preservation and sustainable utilization of wildlife, and/or maintenance, restoration and enhancement of the habitat.

(h) "Consultation" shall refer to the meeting or dialogue with concerned or affected individual and groups within and outside the AIPL designated to identify and resolve issues and problems affecting them in relation to the protection, conservation and sustainable development of the AIPL.

(i) "Endemic species" shall refer to species or subspecies of flora and fauna which is naturally occurring and found only within specific areas in the country.

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

 (k) "Exploration" shall refer to searching or prospecting for mineral resources, as defined by law, by geological, geo-chemical or geophysical surveys, remote sensing, rest pitting, trenching, drilling, shaft sinking, tunneling or any other means for the purpose of determining the existence, extent, quantity and quality thereof and the feasibility of mining them for profit.

(l) "Exploitation" shall refer to any mode of use, extraction, development, utilization or disposition of resources, for whatever purpose, whether commercial or otherwise.

(m) "Habitat" shall refer to a place or type of environment where species or subspecies naturally occurs or has naturally established its population.

(n) "Introduction" shall mean bringing species into the wild that is outside its natural habitat.

(o) "Kaingin" shall refer to the slash and burn of vegetation to clear land for agricultural purposes.

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

(q) "NIPAS Act" shall refer to the National Integrated Protected Areas System (NIPAS) act of 1992 or RA 7586, and its implementing rules and regulations.

(r) "National Park" shall refer to the land of the public domain classified as such in the 1987 Constitution which include all areas under the National Integrated Protected Areas System (NIPAS) pursuant to R.A. 7586 primarily designated for the conservation of native plants and animals, their associated habitats and cultural diversity.

 (s) "Non-government organization (NGO)" shall refer to an agency, institution, a foundation or a group of persons whose purpose is to assist people's organizations/associations in various ways including, but not limited to, organizing, education, training, research and or secure accessing.

(t) "Non-renewable resources" shall refer to those resources within the AIPL, the natural replenishment rate of which is not known.

 (u) "People's organization" shall refers to a group of organized migrant communities and/or interested indigenous peoples which may be an association, cooperative, federation, or other legal entity, established to undertake collective action to address community concerns and needs, and mutually share the benefits of the endeavor.

(v) "Protected Area (PA)" shall refer to the identified portions of land and/or water set aside by reason of their unique physical and biological significance, managed to enhance biological diversity and protected against destructive human exploitation.

(w) "Protected Area Management Board (PAMB)" shall refer to a multi-sectoral policy-making body for protected areas created in accordance with RA No. 7586 or the NIPAS Act of 1992.

(x) "Protected Landscape/Seascape" refers to an area of national significance which are characterized by the harmonious interaction of man and land while providing opportunities for public enjoyment through recreation and tourism within the normal lifestyle and economic activity of these areas.

 (y) "Quarrying" shall refer to the process of extracting, removing and disposing quarry resources found on or underneath the surface of private or public land.

(z) "Special-use zones" shall refer to areas containing existing installations of national and local significance, such as telecommunication facilities, irrigation canals, water supply infrastructure or electric power lines.

(aa) "Sustainable" shall refer to the use of components of biological diversity in a way and rate that does not lead to the long-term decline of biological diversity, thereby maintaining its potential to meet the needs and aspirations of present and future generations.

 (bb) "Strict protection zone" is a natural area with high biodiversity value which shall be closed to all human activity except for scientific studies and/or ceremonial or religious use by the indigenous cultural communities/indigenous peoples; may include habitats of threatened species, or degraded areas that have been designated for restoration and subsequent protection, even if these areas are still in various stages of regeneration.

 (cc) "Tenured migrant" shall refer to occupants who have actually and continuously occupied a portion of the protected area and is solely dependent therein for subsistence. A protected area occupant is understood to be "solely dependent therein for subsistence" when everything indispensable for survival for the household, including food, clothing, shelter and health, comes only from the utilization of resources from the protected areas.

(dd) "Watershed Forest Reserve" shall refer to areas such as the Amro River Watershed Forest Reserve (ARWPL), Talaytay Watershed Forest Reserve (TWFR) and Simbahan-Talagas Watershed Forest Reserve (STWFR) proclaimed as such by the issuance of an executive order or a presidential proclamation for purposes of protecting, maintaining or improving the water yield and providing restraining mechanisms for inappropriate forest exploitations and disruptive land use.

(ee) "Wildlife" shall refer to wild forms and varieties of flora and fauna, in all developmental stages, including those which are in captivity or are being bred or propagated.

(ff) "Zones" shall refer to the divisions within the PA consisting of levels of protection and permitted use of natural resources such as strict protection zone, sustainable-use zone, restoration zone, multiple-use zone and special-use zone, as provided under existing rules and regulations of the NIPAS.

SECTION 6. *Institutional Mechanisms.* – The following administrative and policy-making mechanisms shall apply to AIPL:

A. Protected Area Management Board (PAMB) - A PAMB for each of the protected area within the AIPL shall be created which shall be the policy-making body. As far as practicable, the PAMB shall be composed of:

- 1. The Regional Executive Director of Region 3 as Chairperson;
- 2. The Provincial Planning and Development Officer;

3. One (1) representative for each Municipal Government covered by the PA to be appointed by a majority vote of the respective Sangguniang Bayan;

- 4. One (1) representative from each of the barangay with territory within the AIPL to be appointed by the Sangguniang Barangay;
- 5. One (1) representative from each of the tribal community within the AIPL, if any;
- 6. At least three (3) representatives from local non-government organizations (NGOs) based in or near the AIPL;
- 7. One (1) representative from People's Organizations (PO's) from each municipality with territory within the AIPL chosen from among themselves. Provided, the PO's are accredited with the DENR and the LGU and with tangible projects at the time of their membership in the PAMB; and
- 8. One (1) representative, if necessary, from other national government departments that may be involved in the management of the AIPL.

The PAMB shall perform the powers and functions as provided for in the NIPAS Act. The Board shall decide by a majority vote. Every member of the PAMB shall be considered to represent his or her sector and shall be deemed to carry the vote of such sector unless challenged in writing five days after the decision being challenged is made known to the members of the sector thru the provisions of the written information.

The DENR, thru the Regional Executive Director, shall exercise the authority to oversee the PAMB to ensure that the Board is acting within the scope of its powers and functions. In case of contradiction between administrative orders issued by the DENR pursuant to the NIPAS Act for national application and the rules and regulations issued by the PAMB, the Board shall notify the Secretary of the DENR who shall resolve such conflict.

Except for the government officials who shall serve as ex-officio, each PAMB member shall serve for a term of five (5) years: Provided, that he/she remains connected with the sector he/she is supposed to represent. Whenever a vacancy occurs during the term of a member who does not represent the government, a new member shall be chosen in the manner as the original selection process: Provided, that he/she shall serve only for the remaining term.

The PAMB may create an Executive Committee within the Board to whom it may delegate some of its powers and functions. Likewise, the PAMB may create other committees within the Board. The PAMB *en banc* shall hold regular meetings at least twice a year. The Executive Committee shall meet regularly to discuss the day-to-day operations of the AIPL and other matters delegated by the PAMB.

B. Office of the Protected Area Superintendent. – There shall be an Office of the Protected Area Superintendent (PASu) within the DENR to be headed by the PASu who shall serve as the chief operating DENR

Officer of the entire AIPL. The PASu and his/her staff reside within the AIPL and establish an office, or if necessary, sub-office within the Protected Landscape in order to implement this Act.

The PASu shall have full responsibility for the protection of the AIPL and shall perform the duties and functions as provided for in RA 7586 and its IRR.

SECTION 7. Ancestral Lands and Domains. - The prior and existing rights Indigenous cultural communities or people (ICCs/IPs) to their ancestral lands and domains of the protected areas shall be recognized. Traditional property regimes exercised by ICCs/IPs in accordance with their customary laws shall govern the relationship of all individuals within their communities with respect to all their lands and other resources found within their ancestral lands and domains.

The provisions of this Act shall be construed liberally in favor of the ICCs/IPs in accordance with the preservation and conservation objectives of the AIPL. Nothing herein shall be construed to impair, diminish or derogate any prior existing right currently enjoyed by the ICCs/IPs under existing laws.

SECTION 8. Tenured Migrants and Other Occupants - Tenured migrants shall be eligible to become steward of a portion of land within allowable zones. The PAMB shall identify, verify and review all tenure instruments, land claims and issuances of permits for resource use within the PA and recommend the issuance of the appropriate tenure instrument consistent with the zoning provided in the management plan and its successor plans.

Should areas occupied by tenured migrants be designated as zones in which no occupation or other activities are allowed pursuant to the attainment of sustainable development, provision for the transfer of said tenured migrants to multiple-use zones or buffer zones shall be accomplished through just and humane means.

In the event of termination of a tenure instrument for cause or by voluntary surrender of rights, the PASu shall take immediate steps to rehabilitate the area in order to return it to its natural state prior to the cultivation or other act by the tenured migrant.

 Other PA occupants who would not qualify as tenured migrants shall be resettled outside the PA as determined by the PAMB. The PAMB shall determine, plan and implement a definite schedule for resettling them outside the PA following the procedures set forth by existing law.

SECTION 9. Utilization of Resources - Any exploitation of or utilization of nonrenewable resources within the protected areas shall not be allowed. Energy projects within the protected areas shall be allowed only through an act of Congress except energy from wind, sun and water resources of not more than one (1) megawatt capacity for mini-hydro power plant: Provided that these renewable energy projects are established outside the strict protection zone,

adopt reduced impact technologies and undergo the Environmental Impact Assessment (EIA) System as provided by law: Provided, further, that the PAMB endorsement has been obtained. SECTION 10. Prohibited Acts and Penalties - The following are prohibitions and penalties, in addition to the prohibited acts as provided in the NIPAS Act and its pertinent rules and regulations: (a) The penalties in Articles 309 and 310 of the Revised Penal Code, depending on the value of the resources involved in connection with the prohibited act, shall be imposed upon any person who: (1) Takes, destroys, collects, disturbs or possesses any wild terrestrial or aquatic plants or animals, flora and fauna, sand,

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rocks or by-products derived therefrom, within particularly identified regulated or prohibited zones in the protected areas including private lands without the necessary permit, authorization or exemption: Provided, That hunting of animals shall be absolutely prohibited except for scientific research;

(2) Cuts, gathers, removes or collects timber or any forest products, within particularly identified regulated or prohibited areas or zones in the protected areas including private lands without the necessary permit, authorization or exemption;

(3) Possesses or transports, within or outside the protected area any timber, forest products, wild terrestrial plants, animals, flora and fauna, or by products derived therefrom which is ascertained to have been taken from the protected areas;

(4) Undertakes mineral exploration or extraction within the protected area;

(5) Engages in quarrying of sand, gravel, guano, limestone or any material within the protected areas;

(6) Hunts, collects, removes or destroys any endangered or protected species, except when collection or removal is for scientific research and exempted from the prohibition by the Management Board;

(7) Conducts bio-prospecting within protected areas without prior Management Board approval in accordance with existing guidelines; or

(8) Establishes or introduces exotic species within the protected areas which are detrimental to endemic species or without prior PAMB approval.

(b) A fine of not less than Five Thousand Pesos (P5,000) but not more than Five Hundred Thousand Pesos (P 500,000) and/or imprisonment for

1 one year but not more than six years shall be imposed upon any 2 person who: 3 4 5 exercise of adjudicative functions. 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 or gas; 23 24 25 26 protection and conservation plan; 27 28 29 the protected areas; 30 31 32 areas without clearance from the PAMB; 33 34 35 the protected areas; 36 37 38 39 40 41 42 43 44 inside the protected areas; or 45 46 47 48 49 50

(1) Violates any rules and regulations in the management plan or

- by the PAMB or agreements reached before the PAMB in the
- (2) Erects any structure on land or on water for any purpose outside the management plan: Provided, that large-scale private infrastructure and other projects such as medium to high density residential subdivisions, medium to large commercial and industrial establishments, golf courses, heavily mechanized commercial and non-traditional farming, and other activities that cause increased in-migration, pollution and resources degradation are absolutely prohibited;
- (3) Possesses a chainsaw, backsaw and other mechanized equipment within the protected areas without a permit;
- (4) Throws, dumps or causes to be dumped into the protected areas any non-biodegradable material or waste whether liquid, solid
- (5) Use, dumps, places or causes to be placed into the protected areas toxic chemicals, including pesticides and other hazardous substances, unless the same is expressly allowed in the
- (6) Prospects, hunts or otherwise locates hidden treasures within
- (7) Informally occupies or dwells in any land within the protected
- (8) Possesses or uses blasting caps or explosives anywhere within
- (9) Destroys, excavates, vandalizes or, in any manner, damages any natural formation on land, religious, spiritual, historical sites, artifacts and other objects of natural or scenic value;
- (10) Alters, removes or destroys boundary marks or signs;
- (11) Engages in kaingin or in any manner, causing forest fires
- (12) Purchases or sells mortgages or leases lands or other portions of the protected areas which are by any tenurial instrument.

Valuation of the damage for this Act shall take into account biodiversity and conservation consideration as well as aesthetic and scenic value. Valuation assessed by the DENR or the concerned government agency shall be presumed correct unless otherwise proven by preponderant evidence.

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Any person who shall induce another or conspire to commit any of the illegal acts prohibited in this Act or suffer their workers to commit any of the same shall be liable in the same manner as the one actually performing the act.

All conveyances, vessels, equipment, paraphernalia, implements, gear, tools and similar devices shall be subject to immediate and administrative confiscation, independent of the judicial proceedings by the PASu Office upon apprehension, subject however to due process and substantial evidence requirements. When legal action is however filed in the regular courts, the said conveyances, vessels, equipment, paraphernalia, implements, gear, tools and similar devices, independent of the administrative proceedings, shall not be released until after judgment have been rendered. Proceeds of the sale of all objects administratively or judicially confiscated pursuant hereto shall accrue to the Integrated Protected Area Fund. Procedure for the sale thereof shall be promulgated by the Management Board. However, in no case shall any confiscated or rescued protected animal species be sold or in any manner dispose of but shall be immediately turned over to the PASu Office for release in its natural habitat, subject to the existing regulations.

The penalties specified in this Section will be in addition to the penalties contained in RA 9072 (National Caves and Cave Resources Management and Protection Act), RA 9147 (Wildlife Resources Conservation and Protection Act) and other related laws.

Conviction for any offense under this Act of a public officer or officer of the law shall carry the accessory penalty of perpetual disqualification from public office.

SECTION 11. Special Prosecutor and Retained Counsel - Within thirty (30) days from the effectivity of this Act, the Department of Justice (DOJ) shall appoint a special prosecutor to whom all cases of violation of laws, rules and regulations in the PA shall be assigned. Such special prosecutor shall coordinate with the AIPL Management Board and thru PASu in the performance of his/her duties and assist in the training of wardens and rangers in arrest and criminal procedures. The AIPL Management Board may retain the services of the counsel to prosecute and/or assist in the prosecution of cases under the direct control and supervision of the AIPL Management Board, the PASu and the staff, or any person assisting in the protection, conservation and sustainable development of the PA, against any legal action related to their powers, functions and responsibilities as provided in this Act or as delegated or tasked by the AIPL Management Board.

SECTION 12. Integrated Protected Area Fund. - There is hereby established a trust fund to be known as the Integrated Protected Area Fund (IPAF) for purposes of financing the projects of the protected landscapes. All incomes generated from the operation of the protected area shall accrue to the fund.

Those income shall be derived from permitted sale and export of resources from the protected area and buffer zones other than the protected species as may be set by the DENR and the PAMB, proceeds from lease of multiple-use areas, contributions from industries and facilities directly benefiting

from the protected area and such other fees and incomes derived from the operation of the protected.

The Fund may be augmented by grants, donations, endowment from various sources, domestic or foreign for purposes related to their functions: Provided, that the Fund shall be deposited as a special account in National Treasury and disbursements therefrom shall be solely for the protection, maintenance, administration and management of the AIPL and duly approved projects endorsed by the PAMB in accordance with the existing accounting and budgeting rules and regulations: Provided, further, that no amount shall be disbursed for the operating expenses of the DENR and other concerned agencies.

SECTION 13. *Appropriations.* – The DENR Secretary shall include in its program the implementation of this Act, the funding of which shall be charged to the annual General Appropriations Act.

SECTION 14. *Reporting Responsibility* – The PASu, through the PAMB, shall submit an annual accomplishment report to the Secretary of the DENR on the activities undertaken in the AIPL.

SECTION 15. Construction and Suppletory Application of Existing Laws – The provisions of this Act shall be construed liberally in favor of achieving biodiversity conservation, watershed and environmental protection and sustainable development. The provisions of the Republic Act No. 7586, otherwise known as the National Integrated Protected Areas System (NIPAS) Act of 1992 and existing forestry laws, and their corresponding rules and regulations not inconsistent hereto shall have suppletory effect in the implementation of this Act.

SECTION 16. *Transitory Provision* – In order to ensure the sustainability and integrity of the watersheds and water resources, the recovery and restoration of biological diversity and to develop sustainable livelihood opportunities for tenured migrants, the DENR shall henceforth cease to issue concessions, licenses, permits clearance compliance documents or any other instrument that allows exploitation and utilization of resources within AIPL until the management plan shall have been put into effect.

 SECTION 17. Repealing Clause. - All laws, proclamations, rules and regulations inconsistent with this Act are hereby repealed or modified accordingly.

SECTION 18. Separability Clause. – Any portion or provision of this Act that may be declared unconstitutional or invalid shall not have the effect of nullifying other portions or provisions hereof as long as such remaining portion or provision can still subsist and be given effect in their entirety.

SECTION 19. Effectivity clause. – This Act shall take effect fifteen (15) days from the date of publication in the Official Gazette or in two (2) newspapers of general circulation.

Approved,