

6 NOV 24 1987

SENATE

RECEIVED BY: 

S. No. 2532

(In substitution of H. No. 4862)

Prepared jointly by the Committees on Environment and Natural Resources and Finance, with Senator Cayetano and the members of the Committees as authors

AN ACT
DECLARING THE BUHISAN WATERSHED FOREST RESERVE, THE MANANGA WATERSHED FOREST RESERVE, THE SUDLON NATIONAL PARK, THE CENTRAL CEBU NATIONAL PARK AND THE KOTKOT-LUSARAN WATERSHED FOREST RESERVE IN THE PROVINCE OF CEBU INTO ONE PROTECTED AREA TO BE KNOWN AS THE CENTRAL CEBU PROTECTED LANDSCAPE AND FOR OTHER PURPOSES

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

ARTICLE I

TITLES, POLICIES AND OBJECTIVES

SECTION 1. *Title.* – This Act shall be known as the “Central Cebu Protected Landscape Act of 2006”.

SEC. 2. *Land Classification.* – All lands of the public domain comprising the Central Cebu Protected Landscape shall fall under the classification of National Park as provided for in the Philippine Constitution. *However,* Public Lands already classified as agricultural and alienable or disposable prior to the passage of this Act shall remain as such and may be disposed of pursuant to the provisions of Commonwealth Act No. 141 or the Public Land Act, as amended.

SEC. 3. *Declaration and Scope.* – Pursuant to and in accordance with the NIPAS Act, the Buhisan Watershed Forest Reserve, the Mananga Watershed Forest Reserve, the Sudlon National Park, the Central Cebu National Park and the Kotkot-Lusaran Watershed Forest Reserve located in the Province of Cebu are hereby declared into one protected area and a permanent component of the NIPAS under the category of a protected landscape: *Provided, however,* That special uses, management and restrictions per component area shall be consistent with its previous classification, either as a national park or as a watershed forest reserve. These areas collectively shall be

1 referred to as the Central Cebu Protected Landscape (CCPL) whose boundaries are
 2 defined and contained in the respective executive orders and presidential proclamations
 3 creating them, including their amendments incorporating results of actual ground survey.
 4 The CCPL consists of Parcel "A" and Parcel "B", and covers a consolidated area of
 5 twenty-nine thousand sixty-two (29,062) hectares, more or less, subject to actual ground
 6 survey, more particularly described as follows:

7 **PARCEL "A"**

8 (All corner points were derived using GIS and UTM Coordinate of Corner No. 1 is
 9 1160802.63N and 597191.56E)

10	<u>Lines</u>	<u>Bearing</u>	<u>Distance</u>
11	TP - 1	S62°49'37" E	3,613.96 m.
12	1 - 2	S83°12'18" E	14.79 m.
13	2 - 3	S84°12'46" E	37.19 m.
14	3 - 4	S56°11'38" E	36.18 m.
15	4 - 5	DUE EAST	105.19 m.
16	5 - 6	N82°25'27" E	75.85 m.
17	6 - 7	N56°11'35" E	36.18 m.
18	7 - 8	N39°16'03" E	71.20 m.
19	8 - 9	N24°26'47" E	60.56 m.
20	9 - 10	N40°36'42" E	92.37 m.
21	10 - 11	N09°52'31" E	116.98 m.
22	11 - 12	N22°36'10" E	130.25 m.
23	12 - 13	N37°34'57" E	82.19 m.
24	13 - 14	N08°59'55" E	96.31 m.
25	14 - 15	N26°29'27" E	44.84 m.
26	15 - 16	N39°49'11" E	78.27 m.
27	16 - 17	N17°07'13" E	68.15 m.
28	17 - 18	N45°00'08" E	92.10 m.
29	18 - 19	N58°21'31" E	76.50 m.
30	19 - 20	N56°19'39" E	126.47 m.
31	20 - 21	N56°19'39" E	47.29 m.
32	21 - 22	N66°50'18" E	76.27 m.
33	22 - 23	S34°17'34" E	133.45 m.
34	23 - 24	S30°59'01" E	116.79 m.
35	24 - 25	S53°27'22" E	84.17 m.
36	25 - 26	S34°21'41" E	115.39 m.
37	26 - 27	S41°21'20" E	166.86 m.
38	27 - 28	S49°14'27" E	191.84 m.
39	28 - 29	S67°35'22" E	92.15 m.

1	29 – 30	S78°42'39" E	102.16 m.
2	30 – 31	S85°36'35" E	130.63 m.
3	31 – 32	S79°14'27" E	107.13 m.
4	32 – 33	S56°14'27" E	54.20 m.
5	33 – 34	S81°53'20" E	106.31 m.
6	34 – 35	N11°53'00" E	18.52 m.
7	35 – 36	N78°26'52" E	105.51 m.
8	36 – 37	N45°00'00" E	134.00 m.
9	37 – 38	N59°01'45" E	138.20 m.
10	38 – 39	N49°53'47" E	196.19 m.
11	39 – 40	N42°31'02" E	128.55 m.
12	40 – 41	N68°56'54" E	109.96 m.
13	41 – 42	N45°00'00" E	111.72 m.
14	42 – 43	N18°26'06" E	124.91 m.
15	43 – 44	N74°05'51" E	114.96 m.
16	44 – 45	N58°34'37" E	166.62 m.
17	45 – 46	N53°36'05" E	186.43 m.
18	46 – 47	S38°37'36" E	101.12 m.
19	47 – 48	S45°02'04" E	67.05 m.
20	48 – 49	S78°42'59" E	80.49 m.
21	49 – 50	S62°05'53" E	151.98 m.
22	50 – 51	S80°33'44" E	96.05 m.
23	51 – 52	S44°59'54" E	122.86 m.
24	52 – 53	S53°27'53" E	132.70 m.
25	53 – 54	S74°44'60" E	180.09 m.
26	54 – 55	S61°11'07" E	180.26 m.
27	55 – 56	DUE EAST	55.31 m.
28	56 – 57	N51°20'25" E	151.67 m.
29	57 – 58	N64°31'60" E	183.73 m.
30	58 – 59	S53°07'09" E	197.45 m.
31	59 – 60	S75°57'50" E	162.86 m.
32	60 – 61	N87°87'08" E	189.66 m.
33	61 – 62	N86°38'48" E	134.54 m.
34	62 – 63	N85°44'28" E	213.84 m.
35	63 – 64	S77°27'12" E	145.60 m.
36	64 – 65	S49°06'28" E	156.76 m.
37	65 – 66	S44°55'58" E	78.23 m.
38	66 – 67	DUE EAST	158.00 m.
39	67 – 68	S82°40'05" E	246.83 m.

1	68 – 69	S41°58'21" E	106.26 m.
2	69 – 70	S35°33'44" E	67.92 m.
3	70 – 71	S61°39'57" E	116.66 m.
4	71 – 72	N76°58'39" E	105.40 m.
5	72 – 73	S71°33'21" E	124.85 m.
6	73 – 74	S40°34'43" E	145.66 m.
7	74 – 75	S25°12'19" E	148.38 m.
8	75 – 76	S56°20'48" E	113.90 m.
9	76 – 77	S86°49'38" E	142.34 m.
10	77 – 78	S69°42'58" E	273.66 m.
11	78 – 79	N83°37'53" E	143.07 m.
12	79 – 80	N69°29'46" E	67.46 m.
13	80 – 81	S85°55'33" E	221.69 m.
14	81 – 82	N56°19'17" E	170.86 m.
15	82 – 83	N36°31'28" E	265.37 m.
16	83 – 84	N22°23'31" E	145.20 m.
17	84 – 85	N49°10'23" E	229.62 m.
18	85 – 86	S57°16'08" E	262.86 m.
19	86 – 87	N23°36'55" E	137.92 m.
20	87 – 88	N26°31'43"W	88.30 m.
21	88 – 89	N07°10'00"W	63.63 m.
22	89 – 90	N42°17'01" E	117.42 m.
23	90 – 91	N85°14'45" E	95.08 m.
24	91 – 92	S35°33'44" E	67.92 m.
25	92 – 93	S16°42'10" E	164.83 m.
26	93 – 94	S34°30'26" E	153.35 m.
27	94 – 95	S61°21'44" E	197.97 m.
28	95 – 96	S52°18'29" E	219.57 m.
29	96 – 97	S05°10'47"W	87.23 m.
30	97 – 98	S29°44'15"W	63.63 m.
31	98 – 99	S37°24'45"W	169.02 m.
32	99 – 100	S36°50'01"W	79.03 m.
33	100 – 101	S08°45'31"W	100.84 m.
34	101 – 102	S32°02'17"W	74.46 m.
35	102 – 103	S60°12'34"W	63.66 m.
36	103 – 104	S09°28'07"W	192.24 m.
37	104 – 105	S32°02'02"W	74.47 m.
38	105 – 106	S37°24'45"W	169.02 m.
39	106 – 107	S32°42'60"W	131.48 m.

1	107 – 108	S22°37'50"W	102.65 m.
2	108 – 109	S27°45'21"W	169.50 m.
3	109 – 110	S10°53'12"W	209.14 m.
4	110 – 111	S26°33'54"W	176.65 m.
5	111 – 112	S24°59'49"W	130.75 m.
6	112 – 113	S05°42'38"W	238.05 m.
7	113 – 114	S04°39'45" E	388.28 m.
8	114 – 115	S03°05'50" E	292.68 m.
9	115 – 116	S36°52'34" E	197.37 m.
10	116 – 117	S37°52'38" E	270.17 m.
11	117 – 118	S30°15'12" E	438.89 m.
12	118 – 119	S21°47'50"W	170.17 m.
13	119 – 120	DUE SOUTH	102.63 m.
14	120 – 121	S02°12'48" E	205.52 m.
15	121 – 122	S25°33'44" E	201.34 m.
16	122 – 123	S18°27'27"W	99.89 m.
17	123 – 124	S44°58'57"W	145.27 m.
18	124 – 125	S39°46'45"W	61.64 m.
19	125 – 126	S03°00'19" E	150.21 m.
20	126 – 127	S07°07'53"W	127.37 m.
21	127 – 128	S03°01'35" E	150.33 m.
22	128 – 129	S84°09'38" E	154.80 m.
23	129 – 130	N68°57'16" E	219.99 m.
24	130 – 131	N57°05'39" E	159.90 m.
25	131 – 132	N46°29'16" E	217.86 m.
26	132 – 133	N44°58'57" E	145.27 m.
27	133 – 134	N19°57'60" E	184.86 m.
28	134 – 135	N58°01'43" E	148.97 m.
29	135 – 136	N59°42'56" E	109.80 m.
30	136 – 137	N84°49'02" E	87.23 m.
31	137 – 138	S25°52'05" E	289.65 m.
32	138 – 139	S36°22'17" E	186.44 m.
33	139 – 140	S26°33'54" E	211.87 m.
34	140 – 141	S38°08'30" E	140.66 m.
35	141 – 142	S33°43'09" E	142.31 m.
36	142 – 143	S36°49'57" E	118.54 m.
37	143 – 144	S75°06'49" E	122.62 m.
38	144 – 145	N79°43'27" E	88.29 m.
39	145 – 146	S87°30'57" E	181.80 m.

1	146 – 147	S65°14'01" E	226.18 m.
2	147 – 148	S11°52'57" E	153.28 m.
3	148 – 149	N71°34'41"W	174.83 m.
4	149 – 150	DUE WEST	126.31 m.
5	150 – 151	S44°59'54"W	122.86 m.
6	151 – 152	S37°38'55"W	13.10 m.
7	152 – 153	S38°09'26"W	4.45 m.
8	153 – 154	S42°56'46" E	252.91 m.
9	154 – 155	S52°42'17" E	184.63 m.
10	155 – 156	S50°41'17" E	99.44 m.
11	156 – 157	S52°05'52"W	79.76 m.
12	157 – 158	S28°38'53" E	87.60 m.
13	158 – 159	DUE EAST	41.94 m.
14	159 – 160	S50°11'40" E	54.67 m.
15	160 – 161	S29°21'42" E	128.36 m.
16	161 – 162	S02°36'09" E	154.16 m.
17	162 – 163	S71°33'24" E	132.76 m.
18	163 – 164	S40°40'15" E	64.45 m.
19	164 – 165	S12°57'25" E	93.38 m.
20	165 – 166	S08°08'27" E	98.87 m.
21	166 – 167	S10°26'31" E	270.36 m.
22	167 – 168	S16°09'07"W	276.80 m.
23	168 – 169	N79°41'13"W	78.20 m.
24	169 – 170	S44°58'29"W	98.95 m.
25	170 – 171	S03°22'11" E	119.09 m.
26	171 – 172	S51°01'39"W	189.00 m.
27	172 – 173	S18°01'50"W	632.83 m.
28	173 – 174	S78°43'12" E	178.32 m.
29	174 – 175	N86°25'18"W	112.16 m.
30	175 – 176	S45°00'00"W	69.30 m.
31	176 – 177	S11°18'36" E	107.08 m.
32	177 – 178	S14°03'26"W	86.46 m.
33	178 – 179	S84°48'05"W	77.25 m.
34	179 – 180	S66°00'60"W	68.89 m.
35	180 – 181	S45°00'00"W	59.40 m.
36	181 – 182	S51°20'25"W	44.82 m.
37	182 – 183	N58°45'39"W	269.95 m.
38	183 – 184	S49°25'29"W	128.94 m.
39	184 – 185	S59°03'50"W	163.15 m.

1	185 – 186	S41°57'33"W	94.13 m.
2	186 – 187	N78°41'24"W	71.39 m.
3	187 – 188	N57°10'50"W	258.07 m.
4	188 – 189	N26°32'40"W	156.50 m.
5	189 – 190	N17°39'47"W	161.49 m.
6	190 – 191	N76°59'48"W	186.66 m.
7	191 – 192	S87°47'45"W	182.01 m.
8	192 – 193	S62°20'39"W	165.89 m.
9	193 – 194	S75°03'36"W	217.22 m.
10	194 – 195	DUE WEST	139.88 m.
11	195 – 196	N73°18'03"W	73.08 m.
12	196 – 197	N75°56'55"W	57.66 m.
13	197 – 198	N20°33'22"W	59.81 m.
14	198 – 199	DUE NORTH	139.87 m.
15	199 – 200	N60°37'43"W	128.45 m.
16	200 – 201	N24°26'38"W	84.58 m.
17	201 – 202	N17°44'14"W	183.61 m.
18	202 – 203	N07°46'18" E	155.30 m.
19	203 – 204	N24°44'33" E	100.20 m.
20	204 – 205	N57°17'53" E	116.39 m.
21	205 – 206	N49°14'44" E	182.67 m.
22	206 – 207	N55°36'04"W	170.58 m.
23	207 – 208	N51°20'41"W	202.33 m.
24	208 – 209	N33°40'33"W	56.96 m.
25	209 – 210	N69°26'53"W	134.96 m.
26	210 – 211	N60°13'38"W	127.38 m.
27	211 – 212	N87°08'50"W	158.13 m.
28	212 – 213	N60°16'26"W	127.32 m.
29	213 – 214	N21°01'41"W	110.08 m.
30	214 – 215	N04°23'17" E	205.85 m.
31	215 – 216	N38°16'19"W	191.22 m.
32	216 – 217	N69°59'39"W	92.45 m.
33	217 – 218	N45°00'11"W	66.99 m.
34	218 – 219	N35°33'44"W	135.84 m.
35	219 – 220	N40°48'58"W	229.58 m.
36	220 – 221	N44°58'23"W	100.55 m.
37	221 – 222	N79°21'23" E	128.59 m.
38	222 – 223	N77°30'11"W	72.79 m.
39	223 – 224	N34°17'46" W	105.15 m.

1	224 – 225	N39°49'03"W	61.69 m.
2	225 – 226	S48°22'59"W	95.05 m.
3	226 – 227	S57°59'22"W	149.04 m.
4	227 – 228	S79°58'04"W	136.33 m.
5	228 – 229	S64°26'46"W	201.39 m.
6	229 – 230	N49°38'06"W	207.29 m.
7	230 – 231	N79°41'09"W	176.60 m.
8	231 – 232	N79°41'43"W	102.99 m.
9	232 – 233	DUE WEST	7.88 m.
10	233 – 234	S10°36'58"W	128.58 m.
11	234 – 235	S35°00'18"W	192.74 m.
12	235 – 236	N64°49'44"W	148.41 m.
13	236 – 237	N36°52'11"W	118.44 m.
14	237 – 238	N49°03'25"W	156.80 m.
15	238 – 239	N48°22'06"W	190.23 m.
16	239 – 240	N26°33'54"W	105.93 m.
17	240 – 241	S72°19'16"W	182.36 m.
18	241 – 242	N71°33'54"W	124.91 m.
19	242 – 243	S84°18'19"W	158.72 m.
20	243 – 244	S60°16'40"W	127.31 m.
21	244 – 245	DUE WEST	47.38 m.
22	245 – 246	S51°19'05"W	101.20 m.
23	246 – 247	S65°13'53"W	113.09 m.
24	247 – 248	S45°00'11"W	66.99 m.
25	248 – 249	S86°59'39"W	150.27 m.
26	249 – 250	DUE WEST	102.69 m.
27	250 – 251	S66°20'23"W	137.97 m.
28	251 – 252	S71°36'37"W	99.85 m.
29	252 – 253	S54°28'06"W	67.97 m.
30	253 – 254	S68°11'33"W	212.66 m.
31	254 – 255	S75°15'10"W	155.17 m.
32	255 – 256	S63°27'21"W	141.27 m.
33	256 – 257	S57°29'19"W	103.02 m.
34	257 – 258	S74°05'51"W	114.96 m.
35	258 – 259	DUE WEST	94.75 m.
36	259 – 260	S80°29'31"W	96.13 m.
37	260 – 261	N34°58'59"W	192.84 m.
38	261 – 262	N28°26'16"W	107.75 m.
39	262 – 263	S22°49'37"W	162.88 m.

1	263 – 264	S47°43'05"W	117.42 m.
2	264 – 265	S33°41'21"W	170.82 m.
3	265 – 266	S47°00'03"W	162.03 m.
4	266 – 267	S41°37'11"W	95.13 m.
5	267 – 268	S33°41'56"W	113.89 m.
6	268 – 269	S23°55'41"W	77.82 m.
7	269 – 270	S47°30'12"W	128.59 m.
8	270 – 271	S39°04'40"W	162.80 m.
9	271 – 272	S67°22'58"W	102.71 m.
10	272 – 273	S69°59'60"W	92.45 m.
11	273 – 274	S36°51'35"W	157.95 m.
12	274 – 275	S57°17'34"W	131.40 m.
13	275 – 276	S59°03'08"W	92.11 m.
14	276 – 277	S42°31'02"W	128.55 m.
15	277 – 278	S39°44'46"W	61.78 m.
16	278 – 279	S11°18'18"W	161.00 m.
17	279 – 280	S23°12'25"W	60.11 m.
18	280 – 281	S53°42'53"W	147.01 m.
19	281 – 282	S53°11'24"W	39.42 m.
20	282 – 283	S71°32'05"W	74.99 m.
21	283 – 284	S71°36'25"W	74.89 m.
22	284 – 285	S05°11'59"W	174.47 m.
23	285 – 286	S38°08'39"W	140.66 m.
24	286 – 287	S79°24'32"W	128.57 m.
25	287 – 288	DUE WEST	134.25 m.
26	288 – 289	DUE WEST	78.94 m.
27	289 – 290	N74°06'21"W	57.51 m.
28	290 – 291	S34°59'54"W	96.44 m.
29	291 – 292	S73°22'26"W	276.11 m.
30	292 – 293	S79°02'56"W	249.35 m.
31	293 – 294	S68°57'37"W	220.05 m.
32	294 – 295	S63°27'18"W	158.87 m.
33	295 – 296	S66°47'22"W	180.48 m.
34	296 – 297	S41°49'43"W	201.30 m.
35	297 – 298	S35°30'12"W	68.02 m.
36	298 – 299	DUE SOUTH	173.75 m.
37	299 – 300	S08°45'31"W	103.84 m.
38	300 – 301	S36°52'12"W	118.44 m.
39	301 – 302	S46°23'34"W	229.08 m.

1	302 – 303	S49°24'14"W	145.61 m.
2	303 – 304	S57°59'22"W	149.04 m.
3	304 – 305	N76°58'39"W	105.40 m.
4	305 – 306	S75°57'55"W	195.33 m.
5	306 – 307	N80°01'34"W	136.37 m.
6	307 – 308	S54°27'12"W	135.89 m.
7	308 – 309	S25°41'56"W	236.66 m.
8	309 – 310	S05°21'15" E	253.86 m.
9	310 – 311	S30°16'32"W	109.71 m.
10	311 – 312	S21°48'49"W	170.05 m.
11	312 – 313	S15°42'14"W	262.55 m.
12	313 – 314	S09°14'03"W	320.15 m.
13	314 – 315	S21°50'14" E	127.53 m.
14	315 – 316	S42°28'52"W	128.64 m.
15	316 – 317	S43°06'13"W	335.22 m.
16	317 – 318	DUE WEST	157.94 m.
17	318 – 319	DUE WEST	94.81 m.
18	319 – 320	S63°25'57"W	105.94 m.
19	320 – 321	S27°45'19"W	169.64 m.
20	321 – 322	S40°14'51"W	134.46 m.
21	322 – 323	S57°05'39"W	159.90 m.
22	323 – 324	S75°03'18"W	122.65 m.
23	324 – 325	S72°38'05"W	132.34 m.
24	325 – 326	S45°00'00"W	167.58 m.
25	326 – 327	S47°23'22"W	268.27 m.
26	327 – 328	S50°44'31"W	112.20 m.
27	328 – 329	S36°32'52"W	262.81 m.
28	329 – 330	S36°52'13" E	94.06 m.
29	330 – 331	S34°18'03" E	125.43 m.
30	331 – 332	S11°19'28" E	96.12 m.
31	332 – 333	DUE SOUTH	113.13 m.
32	333 – 334	S08°49'27" E	276.64 m.
33	334 – 335	S08°52'33" E	152.71 m.
34	335 – 336	S21°32'09"W	192.56 m.
35	336 – 337	S33°42'11"W	152.96 m.
36	337 – 338	S12°31'41"W	43.54 m.
37	338 – 339	S25°02'35" E	75.96 m.
38	339 – 340	S11°17'16"W	96.11 m.
39	340 – 341	S00°00'00" E	99.00 m.

1	341 – 342	S19°58'27" E	165.58 m.
2	342 – 343	S48°25'20"W	85.14 m.
3	343 – 344	S62°07'28"W	90.64 m.
4	344 – 345	S42°27'42"W	76.75 m.
5	345 – 346	S24°00'25"W	46.39 m.
6	346 – 347	S34°48'35"W	132.15 m.
7	347 – 348	S26°33'54"W	105.37 m.
8	348 – 349	S20°43'55" E	186.44 m.
9	349 – 350	S19°26'28" E	169.94 m.
10	350 – 351	S25°27'18" E	109.64 m.
11	351 – 352	S23°45'06" E	257.43 m.
12	352 – 353	S53°07'18"W	141.42 m.
13	353 – 354	S42°30'23"W	153.46 m.
14	354 – 355	S05°33'36"W	194.16 m.
15	355 – 356	S33°40'39" E	237.93 m.
16	356 – 357	S45°02'45" E	59.97 m.
17	357 – 358	S35°31'39"W	81.10 m.
18	358 – 359	S77°22'55"W	43.49 m.
19	359 – 360	N61°47'53"W	149.71 m.
20	360 – 361	S85°11'59"W	56.76 m.
21	361 – 362	S43°51'09"W	163.29 m.
22	362 – 363	S41°09'33"W	100.28 m.
23	363 – 364	S18°10'41"W	158.67 m.
24	364 – 365	S59°44'23"W	130.97 m.
25	365 – 366	S59°02'10"W	192.42 m.
26	366 – 367	S81°33'38"W	128.64 m.
27	367 – 368	N74°26'32"W	88.10 m.
28	368 – 369	S70°47'43"W	114.76 m.
29	369 – 370	S66°35'05"W	154.13 m.
30	370 – 371	S69°46'24"W	95.45 m.
31	371 – 372	S09°59'50"W	81.37 m.
32	372 – 373	S03°34'45"W	151.16 m.
33	373 – 374	S48°02'05"W	63.38 m.
34	374 – 375	S40°53'01"W	93.58 m.
35	375 – 376	S57°03'20" E	103.89 m.
36	376 – 377	S53°57'22" E	64.16 m.
37	377 – 378	S51°18'21" E	90.57 m.
38	378 – 379	S43°32'20" E	180.02 m.
39	379 – 380	S35°44'04" E	145.22 m.

1	380 – 381	S04°00'19" E	203.12 m.
2	381 – 382	S45°01'55" E	79.95 m.
3	382 – 383	S85°23'23" E	118.19 m.
4	383 – 384	N74°02'39" E	68.64 m.
5	384 – 385	S35°00'18" E	57.53 m.
6	385 – 386	S38°40'25"W	120.72 m.
7	386 – 387	S03°33'11"W	75.65 m.
8	387 – 388	S26°35'09"W	147.47 m.
9	388 – 389	S46°42'08"W	110.09 m.
10	389 – 390	S59°32'28"W	92.95 m.
11	390 – 391	S49°23'28"W	130.41 m.
12	391 – 392	S65°57'25"W	289.01 m.
13	392 – 393	S65°41'34"W	160.34 m.
14	393 – 394	S79°41'10"W	210.84 m.
15	394 – 395	S68°12'57"W	76.12 m.
16	395 – 396	S82°52'05"W	151.99 m.
17	396 – 397	S40°31'46"W	192.26 m.
18	397 – 398	S46°57'52"W	96.71 m.
19	398 – 399	S51°21'53"W	90.49 m.
20	399 – 400	S21°21'44"W	116.50 m.
21	400 – 401	S32°11'50"W	150.37 m.
22	401 – 402	S28°05'13"W	80.05 m.
23	402 – 403	DUE SOUTH	66.00 m.
24	403 – 404	S56°19'50"W	85.01 m.
25	404 – 405	S67°20'07"W	61.30 m.
26	405 – 406	S31°36'14"W	71.92 m.
27	406 – 407	S27°27'22"W	132.84 m.
28	407 – 408	S31°38'48"W	71.95 m.
29	408 – 409	S26°34'00"W	94.89 m.
30	409 – 410	S14°01'33"W	174.84 m.
31	410 – 411	N83°19'23"W	80.67 m.
32	411 – 412	S32°02'46"W	88.93 m.
33	412 – 413	S10°57'05" E	148.84 m.
34	413 – 414	S61°53'45"W	80.14 m.
35	414 – 415	S23°38'35"W	82.29 m.
36	415 – 416	S03°53'38" E	103.99 m.
37	416 – 417	S48°26'38" E	66.99 m.
38	417 – 418	S65°29'01" E	56.95 m.
39	418 – 419	S23°56'38"W	92.86 m.

1	419 – 420	S15°32'15"W	87.97 m.
2	420 – 421	S17°38'40"W	108.87 m.
3	421 – 422	S69°28'11"W	80.55 m.
4	422 – 423	S66°00'59"W	46.45 m.
5	423 – 424	S04°58'38" E	108.78 m.
6	424 – 425	S08°59'40" E	90.75 m.
7	425 – 426	S26°36'16"W	84.30 m.
8	426 – 427	S09°27'40"W	57.41 m.
9	427 – 428	S02°42'40"W	99.11 m.
10	428 – 429	S36°54'36"W	70.66 m.
11	429 – 430	S34°43'00"W	74.52 m.
12	430 – 431	S18°22'45"W	59.66 m.
13	431 – 432	S14°03'03"W	116.62 m.
14	432 – 433	S45°00'00"W	86.62 m.
15	433 – 434	S78°40'09"W	120.22 m.
16	434 – 435	S55°19'12"W	74.48 m.
17	435 – 436	S45°00'00"W	86.62 m.
18	436 – 437	S15°57'35"W	68.65 m.
19	437 – 438	S16°43'14" E	98.41 m.
20	438 – 439	S19°56'04" E	55.18 m.
21	439 – 440	S08°58'07" E	90.61 m.
22	440 – 441	DUE SOUTH	70.75 m.
23	441 – 442	S15°38'22" E	122.41 m.
24	442 – 443	S33°45'08" E	50.96 m.
25	443 – 444	S14°32'18" E	131.46 m.
26	444 – 445	S21°25'51" E	141.80 m.
27	445 – 446	S41°47'43" E	120.22 m.
28	446 – 447	S41°23'00" E	156.94 m.
29	447 – 448	S33°40'00" E	85.01 m.
30	448 – 449	S84°18'19"W	158.72 m.
31	449 – 450	S07°07'01" E	114.01 m.
32	450 – 451	S06°06'28"W	132.75 m.
33	451 – 452	S39°49'51"W	110.36 m.
34	452 – 453	S65°13'53"W	153.93 m.
35	453 – 454	S50°31'17"W	103.81 m.
36	454 – 455	S13°28'40"W	121.21 m.
37	455 – 456	S03°16'26" E	165.27 m.
38	456 – 457	S16°52'51"W	162.50 m.
39	457 – 458	S33°38'58"W	101.97 m.

1	458 – 459	S15°41'19" E	156.71 m.
2	459 – 460	S30°23'20" E	158.39 m.
3	460 – 461	S48°33'20" E	106.89 m.
4	461 – 462	S14°57'03" E	146.32 m.
5	462 – 463	S30°22'01" E	158.49 m.
6	463 – 464	S52°36'17" E	100.85 m.
7	464 – 465	S85°03'12" E	108.78 m.
8	465 – 466	S53°06'36" E	94.32 m.
9	466 – 467	S41°11'21" E	150.33 m.
10	467 – 468	S26°33'54" E	136.96 m.
11	468 – 469	S26°33'54" E	179.16 m.
12	469 – 470	S54°11'02" E	104.67 m.
13	470 – 471	S58°34'10"W	99.47 m.
14	471 – 472	S04°22'18"W	122.99 m.
15	472 – 473	S16°52'51"W	162.50 m.
16	473 – 474	S32°53'24"W	95.41 m.
17	474 – 475	S14°32'18"W	131.46 m.
18	475 – 476	S05°11'52"W	104.18 m.
19	476 – 477	S14°32'18"W	131.46 m.
20	477 – 478	S27°21'19"W	153.83 m.
21	478 – 479	S38°15'53"W	114.14 m.
22	479 – 480	S84°24'47"W	147.70 m.
23	480 – 481	N69°27'34"W	188.82 m.
24	481 – 482	N44°57'35"W	62.54 m.
25	482 – 483	N18°25'06"W	69.83 m.
26	483 – 484	N23°11'37"W	112.20 m.
27	484 – 485	N63°23'09"W	32.93 m.
28	485 – 486	N74°02'11"W	214.52 m.
29	486 – 487	N82°23'34"W	111.42 m.
30	487 – 488	N25°19'58"W	138.42 m.
31	488 – 489	N36°53'22"W	147.23 m.
32	489 – 490	N09°08'54"W	176.11 m.
33	490 – 491	N26°36'14"W	78.99 m.
34	491 – 492	N63°25'05"W	79.04 m.
35	492 – 493	N33°43'16"W	63.72 m.
36	493 – 494	N19°38'14"W	175.19 m.
37	494 – 495	N21°44'35"W	206.85 m.
38	495 – 496	N43°32'20"W	130.02 m.
39	496 – 497	N71°33'03"W	59.63 m.

1	497 – 498	N52°36'17"W	127.31 m.
2	498 – 499	N15°57'32"W	34.32 m.
3	499 – 500	N25°11'21"W	88.55 m.
4	500 – 501	N36°48'59"W	23.57 m.
5	501 – 502	N59°44'22"W	65.48 m.
6	502 – 503	N68°12'58"W	76.12 m.
7	503 – 504	N73°44'15"W	117.84 m.
8	504 – 505	N50°55'32"W	97.17 m.
9	505 – 506	N39°42'06"W	36.89 m.
10	506 – 507	N60°23'44"W	37.95 m.
11	507 – 508	N59°37'23"W	158.44 m.
12	508 – 509	N52°07'52"W	53.76 m.
13	509 – 510	N63°26'06"W	73.79 m.
14	510 – 511	N35°31'38"W	121.65 m.
15	511 – 512	N29°35'05"W	200.52 m.
16	512 – 513	N30°56'16"W	164.97 m.
17	513 – 514	N50°31'17"W	103.81 m.
18	514 – 515	N61°42'34"W	69.63 m.
19	515 – 516	S60°46'47"W	69.51 m.
20	516 – 517	N40°01'29"W	153.94 m.
21	517 – 518	N04°05'23"W	132.34 m.
22	518 – 519	N00°55'52" E	146.14 m.
23	519 – 520	N11°17'26"W	72.15 m.
24	520 – 521	N06°21'16" E	85.27 m.
25	521 – 522	N10°37'41"W	153.51 m.
26	522 – 523	N20°33'05"W	161.12 m.
27	523 – 524	DUE NORTH	80.13 m.
28	524 – 525	N09°09'38"W	148.01 m.
29	525 – 526	N24°14'24"W	103.36 m.
30	526 – 527	N25°11'21"W	88.55 m.
31	527 – 528	N68°10'39"W	50.76 m.
32	528 – 529	N63°26'06"W	73.79 m.
33	529 – 530	N42°00'02"W	63.42 m.
34	530 – 531	N02°44'49" E	99.11 m.
35	531 – 532	N01°53'56" E	141.45 m.
36	532 – 533	N02°28'35"W	108.48 m.
37	533 – 534	N25°13'42"W	88.57 m.
38	534 – 535	N30°15'54"W	163.69 m.
39	535 – 536	N56°11'52"W	51.00 m.

1	536 – 537	N48°26'11"W	56.72 m.
2	537 – 538	S67°52'10"W	137.37 m.
3	538 – 539	S60°00'14"W	141.52 m.
4	539 – 540	N82°48'60"W	37.99 m.
5	540 – 541	S85°06'19"W	165.60 m.
6	541 – 542	S87°51'44"W	127.34 m.
7	542 – 543	N77°39'44"W	101.20 m.
8	543 – 544	S73°18'53"W	154.44 m.
9	544 – 545	N77°13'48"W	106.32 m.
10	545 – 546	N61°42'36"W	69.63 m.
11	546 – 547	S53°31'30"W	134.78 m.
12	547 – 548	S40°15'45"W	80.27 m.
13	548 – 549	S14°01'15"W	116.60 m.
14	549 – 550	S53°06'34"W	94.32 m.
15	550 – 551	S25°22'08"W	99.05 m.
16	551 – 552	S86°57'51"W	89.69 m.
17	552 – 553	S78°15'52"W	115.54 m.
18	553 – 554	S71°32'30"W	59.63 m.
19	554 – 555	S35°18'38"W	138.62 m.
20	555 – 556	DUE WEST	106.00 m.
21	556 – 557	S87°07'00"W	94.43 m.
22	557 – 558	N58°43'54"W	154.36 m.
23	558 – 559	N10°39'32"W	76.70 m.
24	559 – 560	N19°27'43" E	84.98 m.
25	560 – 561	N31°18'43"W	127.00 m.
26	561 – 562	N64°50'36"W	88.52 m.
27	562 – 563	N44°59'12"W	193.35 m.
28	563 – 564	N13°05'35" E	208.03 m.
29	564 – 565	N18°25'32" E	134.26 m.
30	565 – 566	N31°10'10" E	236.80 m.
31	566 – 567	N38°39'02" E	120.68 m.
32	567 – 568	N38°39'02"W	120.68 m.
33	568 – 569	N02°19'03" E	174.64 m.
34	569 – 570	N30°56'19" E	54.95 m.
35	570 – 571	N45°02'45" E	59.97 m.
36	571 – 572	N51°49'50" E	83.95 m.
37	572 – 573	N43°15'08" E	110.00 m.
38	573 – 574	N54°28'11" E	81.10 m.
39	574 – 575	N30°23'27" E	158.38 m.

1	575 – 576	N07°07'29" E	76.09 m.
2	576 – 577	N42°53'30" E	90.08 m.
3	577 – 578	N49°48'20" E	80.18 m.
4	578 – 579	N17°14'26" E	143.18 m.
5	579 – 580	N16°41'01" E	49.20 m.
6	580 – 581	N71°34'40" E	89.39 m.
7	581 – 582	N58°59'05" E	55.06 m.
8	582 – 583	N31°16'52"W	154.31 m.
9	583 – 584	N23°28'37"W	118.29 m.
10	584 – 585	N22°23'09"W	86.65 m.
11	585 – 586	N26°34'48"W	210.78 m.
12	586 – 587	N36°51'17"W	106.08 m.
13	587 – 588	N41°58'59"W	126.79 m.
14	588 – 589	N25°34'47"W	120.15 m.
15	589 – 590	N36°14'58"W	193.46 m.
16	590 – 591	N36°14'58"W	87.73 m.
17	591 – 592	N43°39'29"W	143.41 m.
18	592 – 593	N83°14'18"W	80.69 m.
19	593 – 594	S76°44'28"W	82.32 m.
20	594 – 595	N29°02'30"W	97.08 m.
21	595 – 596	N25°11'19"W	88.55 m.
22	596 – 597	N03°41'44"W	146.42 m.
23	597 – 598	N01°46'52" E	150.82 m.
24	598 – 599	N22°12'55"W	56.04 m.
25	599 – 600	N55°41'34" E	125.53 m.
26	600 – 601	N60°17'11" E	113.99 m.
27	601 – 602	N53°43'44" E	87.68 m.
28	602 – 603	N33°40'44" E	102.00 m.
29	603 – 604	N29°43'37" E	76.00 m.
30	604 – 605	DUE NORTH	89.50 m.
31	605 – 606	N30°57'04"W	137.44 m.
32	606 – 607	N17°43'47"W	123.76 m.
33	607 – 608	N05°12'14"W	104.05 m.
34	608 – 609	N12°15'50"W	111.03 m.
35	609 – 610	N08°09'07"W	66.55 m.
36	610 – 611	N31°33'14" E	72.02 m.
37	611 – 612	N50°14'02" E	110.42 m.
38	612 – 613	N07°07'31" E	76.09 m.
39	613 – 614	N02°59'52" E	89.62 m.

1	614 – 615	DUE NORTH	108.37 m.
2	615 – 616	N42°51'44" E	90.04 m.
3	616 – 617	N19°17'49" E	99.86 m.
4	617 – 618	N08°48'03" E	49.84 m.
5	618 – 619	S81°05'52"W	33.09 m.
6	619 – 620	S34°12'18"W	140.87 m.
7	620 – 621	S53°56'26"W	319.61 m.
8	621 – 622	N87°39'22"W	110.03 m.
9	622 – 623	N35°05'48"W	99.46 m.
10	623 – 624	N67°26'55"W	450.10 m.
11	624 – 625	N01°12'51"W	259.56 m.
12	625 – 626	N14°54'58" E	209.30 m.
13	626 – 627	N32°58'18" E	780.01 m.
14	627 – 628	N85°49'23" E	120.13 m.
15	628 – 629	N17°17'05" E	143.93 m.
16	629 – 630	N10°06'30"W	400.97 m.
17	630 – 631	N76°12'46"W	300.02 m.
18	631 – 632	N68°56'07"W	370.04 m.
19	632 – 633	N06°00'33" E	179.10 m.
20	633 – 634	S79°04'04" E	290.01 m.
21	634 – 635	N17°52'18" E	279.62 m.
22	635 – 636	N10°59'42" E	599.37 m.
23	636 – 637	DUE NORTH	470.63 m.
24	637 – 638	N67°06'20" E	252.86 m.
25	638 – 639	N01°58'30" E	7.25 m.
26	639 – 640	N47°20'22" E	83.38 m.
27	640 – 641	N87°00'08" E	31.17 m.
28	641 – 642	N30°54'01" E	278.09 m.
29	642 – 643	S61°05'28" E	250.03 m.
30	643 – 644	S21°56'24"W	100.53 m.
31	644 – 645	S78°34'44" E	12.63 m.
32	645 – 646	N86°04'00" E	123.92 m.
33	646 – 647	N53°00'11" E	90.15 m.
34	647 – 648	S85°58'14" E	49.81 m.
35	648 – 649	N66°02'15" E	4.92 m.
36	649 – 650	N40°50'18" E	136.96 m.
37	650 – 651	N28°27'21" E	128.68 m.
38	651 – 652	N54°46'21" E	147.13 m.
39	652 – 653	N85°23'23" E	118.19 m.

1	653 – 654	DUE EAST	103.69 m.
2	654 – 655	S75°03'12" E	73.16 m.
3	655 – 656	S87°22'43" E	103.86 m.
4	656 – 657	N72°36'03" E	78.99 m.
5	657 – 658	N33°43'10" E	101.89 m.
6	658 – 659	N69°07'39" E	105.95 m.
7	659 – 660	N49°54'51" E	117.06 m.
8	660 – 661	N23°36'34" E	82.40 m.
9	661 – 662	N03°20'55" E	80.26 m.
10	662 – 663	N06°21'42" E	128.04 m.
11	663 – 664	N26°33'54" E	105.37 m.
12	664 – 665	N57°23'16" E	139.86 m.
13	665 – 666	N52°40'12" E	124.50 m.
14	666 – 667	N31°15'29"W	154.42 m.
15	667 – 668	N53°10'04" E	94.25 m.
16	668 – 669	N32°11'50" E	150.37 m.
17	669 – 670	N09°59'54" E	81.36 m.
18	670 – 671	N31°55'30" E	11.35 m.
19	671 – 672	S73°45'34"W	73.30 m.
20	672 – 673	S73°08'49"W	182.40 m.
21	673 – 674	S63°05'14"W	266.49 m.
22	674 – 675	S71°59'23"W	252.69 m.
23	675 – 676	S83°53'24"W	70.46 m.
24	676 – 677	DUE WEST	78.63 m.
25	677 – 678	N70°34'16"W	82.31 m.
26	678 – 679	N52°36'22"W	48.77 m.
27	679 – 680	N79°49'39"W	58.04 m.
28	680 – 681	S69°39'18"W	78.72 m.
29	681 – 682	S54°24'57"W	86.15 m.
30	682 – 683	S10°00'22"W	65.11 m.
31	683 – 684	S24°12'24" E	81.55 m.
32	684 – 685	S30°03'23" E	94.59 m.
33	685 – 686	S03°22'11"W	73.58 m.
34	686 – 687	S36°18'06"W	48.24 m.
35	687 – 688	S26°33'54"W	4.75 m.
36	688 – 689	S45°55'05"W	93.79 m.
37	689 – 690	S48°49'43"W	211.15 m.
38	690 – 691	S56°35'00"W	87.16 m.
39	691 – 692	S44°05'54"W	165.70 m.

1	692 – 693	S48°37'39"W	77.54 m.
2	693 – 694	N55°31'40"W	335.24 m.
3	694 – 695	S68°47'37"W	67.04 m.
4	695 – 696	S78°55'06"W	81.27 m.
5	696 – 697	S60°11'43"W	78.22 m.
6	697 – 698	S73°48'36"W	71.26 m.
7	698 – 699	N41°18'51"W	230.99 m.
8	699 – 700	N00°19'06"W	292.50 m.
9	700 – 701	N20°05'43"W	21.83 m.
10	701 – 702	N01°18'37"W	1107.04 m.
11	702 – 703	N01°53'34"W	522.28 m.
12	703 – 704	N03°25'23"W	189.46 m.
13	704 – 705	N01°32'08"W	221.58 m.
14	705 – 706	N02°11'18"W	268.45 m.
15	706 – 707	N06°05'40"W	96.55 m.
16	707 – 708	N02°27'37"W	361.08 m.
17	708 – 709	N81°24'01"W	42.67 m.
18	709 – 710	N42°31'06"W	81.57 m.
19	710 – 711	N23°37'59"W	87.47 m.
20	711 – 712	N13°59'45"W	41.35 m.
21	712 – 713	N20°33'52" E	85.58 m.
22	713 – 714	DUE NORTH	115.25 m.
23	714 – 715	N10°12'43"W	127.27 m.
24	715 – 716	N42°39'33"W	88.73 m.
25	716 – 717	N18°27'14"W	63.38 m.
26	717 – 718	N07°09'26" E	80.76 m.
27	718 – 719	N11°17'32" E	76.60 m.
28	719 – 720	N37°50'41" E	57.15 m.
29	720 – 721	N61°54'56" E	85.22 m.
30	721 – 722	N53°43'38" E	93.18 m.
31	722 – 723	N49°55'05" E	31.45 m.
32	723 – 724	N02°27'27"W	3288.52 m.
33	724 – 725	N02°31'54"W	462.70 m.
34	725 – 726	N02°33'20"W	339.21 m.
35	726 – 727	N06°57'11" E	30.98 m.
36	727 – 728	N03°43'53" E	17.29 m.
37	728 – 729	N20°58'33" E	12.05 m.
38	729 – 730	N08°47'37" E	45.79 m.
39	730 – 731	N17°54'04" E	19.32 m.

1	731 – 732	N48°59'39" E	5.72 m.
2	732 – 733	N11°20'26" E	21.93 m.
3	733 – 734	N00°53'56" E	31.87 m.
4	734 – 735	N14°11'15" E	46.16 m.
5	735 – 736	N06°38'28"W	9.19 m.
6	736 – 737	N03°57'11" E	30.82 m.
7	737 – 738	N16°53'12"W	7.32 m.
8	738 – 739	N02°28'24"W	37.66 m.
9	739 – 740	N14°02'10" E	6.70 m.
10	740 – 741	DUE NORTH	5.88 m.
11	741 – 742	N13°32'09" E	13.89 m.
12	742 – 743	N20°19'42" E	29.33 m.
13	743 – 744	N56°52'60" E	3.88 m.
14	744 – 745	DUE NORTH	2.75 m.
15	745 – 746	N42°13'38" E	45.75 m.
16	746 – 747	N17°46'59"W	5.11 m.
17	747 – 748	N56°45'35" E	3.89 m.
18	748 – 749	N34°19'49" E	12.41 m.
19	749 – 750	N13°40'18" E	4.50 m.
20	750 – 751	N51°01'09" E	4.18 m.
21	751 – 752	N17°35'33" E	10.75 m.
22	752 – 753	N29°58'54" E	7.50 m.
23	753 – 754	N07°23'38" E	46.13 m.
24	754 – 755	N17°39'35" E	40.79 m.
25	755 – 756	N42°45'49" E	8.01 m.
26	756 – 757	N30°33'50" E	20.03 m.
27	757 – 758	N55°25'27" E	1.97 m.
28	758 – 759	N25°25'50" E	45.27 m.
29	759 – 760	N45°04'03" E	3.00 m.
30	760 – 761	DUE NORTH	3.25 m.
31	761 – 762	N35°42'13" E	7.39 m.
32	762 – 763	N08°38'05" E	7.08 m.
33	763 – 764	N37°20'25" E	2.68 m.
34	764 – 765	N13°32'09" E	13.89 m.
35	765 – 766	N28°28'14" E	13.50 m.
36	766 – 767	DUE NORTH	5.38 m.
37	767 – 768	N31°21'26" E	9.37 m.
38	768 – 769	N12°18'47" E	4.98 m.
39	769 – 770	N25°34'11" E	16.22 m.

1	770 – 771	N38°45'35" E	12.98 m.
2	771 – 772	N27°49'54" E	53.01 m.
3	772 – 773	N21°41'04" E	5.92 m.
4	773 – 774	DUE NORTH	2.62 m.
5	774 – 775	N24°07'32" E	17.13 m.
6	775 – 776	N30°07'33" E	34.25 m.
7	776 – 777	N20°01'36" E	6.39 m.
8	777 – 778	N64°47'56" E	2.35 m.
9	778 – 779	N34°51'33" E	32.15 m.
10	779 – 780	N55°30'28" E	12.36 m.
11	780 – 781	N26°33'54" E	2.52 m.
12	781 – 782	N36°22'57" E	2.63 m.
13	782 – 783	N56°18'36" E	36.96 m.
14	783 – 784	N70°16'00" E	6.31 m.
15	784 – 785	N40°21'36" E	4.92 m.
16	785 – 786	N64°47'33" E	19.07 m.
17	786 – 787	N45°00'00" E	4.60 m.
18	787 – 788	N65°07'11" E	19.01 m.
19	788 – 789	N53°20'44" E	10.05 m.
20	789 – 790	DUE EAST	2.19 m.
21	790 – 791	N45°25'18" E	6.06 m.
22	791 – 792	N68°50'01" E	12.13 m.
23	792 – 793	N33°16'18" E	1.94 m.
24	793 – 794	N63°24'49" E	12.02 m.
25	794 – 795	N47°54'56" E	8.76 m.
26	795 – 796	N66°39'27" E	16.40 m.
27	796 – 797	N51°01'09" E	4.18 m.
28	797 – 798	N73°22'15" E	3.91 m.
29	798 – 799	N52°43'12" E	45.40 m.
30	799 – 800	N60°11'26" E	17.36 m.
31	800 – 801	N47°49'19" E	7.25 m.
32	801 – 802	DUE EAST	1.63 m.
33	802 – 803	N45°25'54" E	6.05 m.
34	803 – 804	N56°48'30" E	35.40 m.
35	804 – 805	N80°45'52" E	3.86 m.
36	805 – 806	N56°37'50" E	11.60 m.
37	806 – 807	N73°10'43" E	11.23 m.
38	807 – 808	N53°29'01" E	2.72 m.
39	808 – 809	N75°18'55" E	4.46 m.

1	809 – 810	N55°04'54" E	11.13 m.
2	810 – 811	DUE EAST	2.69 m.
3	811 – 812	N70°32'48" E	60.05 m.
4	812 – 813	N52°27'19" E	8.83 m.
5	813 – 814	N73°09'02" E	7.31 m.
6	814 – 815	N63°21'52" E	22.86 m.
7	815 – 816	N57°39'31" E	19.16 m.
8	816 – 817	DUE EAST	5.38 m.
9	817 – 818	N65°08'48" E	6.54 m.
10	818 – 819	N83°03'30" E	44.51 m.
11	819 – 820	S79°18'11" E	23.60 m.
12	820 – 821	S61°49'17" E	7.94 m.
13	821 – 822	S80°16'44" E	12.56 m.
14	822 – 823	S72°44'21" E	38.35 m.
15	823 – 824	S81°04'31" E	13.67 m.
16	824 – 825	N81°24'15" E	21.74 m.
17	825 – 826	DUE EAST	12.44 m.
18	826 – 827	N60°31'09" E	4.31 m.
19	827 – 828	N79°38'01" E	20.84 m.
20	828 – 829	N44°26'21" E	4.55 m.
21	830 – 831	N33°39'47" E	5.86 m.
22	831 – 832	N51°37'55" E	19.93 m.
23	832 – 833	N38°55'00" E	14.63 m.
24	833 – 834	N31°45'15" E	26.60 m.
25	834 – 835	N16°53'12" E	7.32 m.
26	835 – 836	N31°04'14" E	15.62 m.
27	836 – 837	N43°18'01" E	13.40 m.
28	837 – 838	N49°39'11" E	19.11 m.
29	838 – 839	DUE EAST	1.63 m.
30	839 – 840	N38°43'06" E	6.90 m.
31	840 – 841	N70°38'14" E	3.38 m.
32	841 – 842	N50°04'08" E	34.48 m.
33	842 – 843	S15°18'27" E	4.02 m.
34	843 – 844	N37°43'06" E	15.02 m.
35	844 – 845	N13°39'33" E	4.50 m.
36	845 – 846	N45°16'52" E	8.36 m.
37	846 – 847	DUE NORTH	5.37 m.
38	847 – 848	N61°59'51" E	2.41 m.
39	848 – 849	N22°03'53" E	2.83 m.

1	849 – 850	N55°18'17" E	3.95 m.
2	850 – 851	N25°37'28" E	3.73 m.
3	851 – 852	N49°05'08" E	4.96 m.
4	852 – 853	N33°43'02" E	5.85 m.
5	853 – 854	N43°10'27" E	36.17 m.
6	854 – 855	DUE EAST	1.63 m.
7	855 – 856	N43°13'57" E	22.81 m.
8	856 – 857	N61°00'04" E	8.00 m.
9	857 – 858	N50°26'39" E	20.99 m.
10	858 – 859	DUE EAST	2.19 m.
11	859 – 860	N56°40'25" E	10.92 m.
12	860 – 861	N26°30'02" E	2.38 m.
13	861 – 862	N55°20'09" E	44.61 m.
14	862 – 863	N62°11'03" E	33.50 m.
15	863 – 864	S62°26'40" E	4.86 m.
16	864 – 865	N16°53'12" E	7.32 m.
17	865 – 866	N28°25'15" E	29.42 m.
18	866 – 867	N34°06'58" E	18.28 m.
19	867 – 868	N22°59'02" E	15.21 m.
20	868 – 869	N07°13'40" E	34.27 m.
21	869 – 870	N31°37'59"W	8.22 m.
22	870 – 871	DUE NORTH	3.12 m.
23	871 – 872	N53°35'12"W	7.38 m.
24	872 – 873	N02°03'53"W	2.83 m.
25	873 – 874	N53°13'22"W	15.45 m.
26	874 – 875	N75°18'16"W	3.94 m.
27	875 – 876	N25°16'02"W	2.49 m.
28	876 – 877	N59°47'12"W	6.22 m.
29	877 – 878	N41°46'30"W	27.49 m.
30	878 – 879	N31°20'18"W	11.42 m.
31	879 – 880	N42°24'46"W	8.80 m.
32	880 – 881	DUE NORTH	2.12 m.
33	881 – 882	N39°43'51"W	37.06 m.
34	882 – 883	N19°21'32"W	9.80 m.
35	883 – 884	N07°33'42" E	8.07 m.
36	884 – 885	N26°08'49" E	30.63 m.
37	885 – 886	N39°27'39" E	39.83 m.
38	886 – 887	N05°23'52" E	11.30 m.
39	887 – 888	N04°14'42" E	28.71 m.

1	888 – 889	N34°22'49" E	5.76 m.
2	889 – 890	N00°00'00" E	4.37 m.
3	890 – 891	N37°41'39" E	3.48 m.
4	891 – 892	DUE NORTH	3.13 m.
5	892 – 893	N35°22'37" E	6.59 m.
6	893 – 894	N21°06'56" E	2.95 m.
7	894 – 895	N13°06'08" E	9.37 m.
8	895 – 896	N25°38'33" E	13.72 m.
9	896 – 897	N07°59'42"W	15.28 m.
10	897 – 898	N42°24'46"W	8.80 m.
11	898 – 899	N20°05'43"W	10.91 m.
12	899 – 900	N72°53'50"W	3.40 m.
13	900 – 901	N15°20'43"W	4.01 m.
14	901 – 902	N63°43'02"W	4.81 m.
15	902 – 903	N16°50'10"W	5.61 m.
16	903 – 904	N41°27'50"W	6.51 m.
17	904 – 905	N61°18'26"W	6.77 m.
18	905 – 906	N35°17'55"W	1.84 m.
19	906 – 907	N62°26'60"W	4.86 m.
20	907 – 908	N46°53'16"W	36.21 m.
21	908 – 909	N78°13'46"W	5.49 m.
22	909 – 910	N54°57'24"W	4.58 m.
23	910 – 911	N26°35'47"W	4.89 m.
24	911 – 912	N51°02'39"W	7.56 m. m.
25	912 – 913	N17°35'33"W	10.75 m.
26	913 – 914	N62°40'30"W	2.46 m.
27	914 – 915	DUE NORTH	3.25 m.
28	915 – 916	N39°35'36"W	4.22 m.
29	916 – 917	DUE NORTH	1.62 m.
30	917 – 918	N45°24'54"W	6.05 m.
31	918 – 919	N18°06'42"W	3.42 m.
32	919 – 920	N53°44'46"W	4.65 m.
33	920 – 921	N23°03'28"W	11.01 m.
34	921 – 922	N15°07'20"W	35.22 m.
35	922 – 923	N25°18'18"W	10.09 m.
36	923 – 924	N25°12'48"W	21.42 m.
37	924 – 925	N40°58'37"W	32.12 m.
38	925 – 926	N30°41'18"W	6.24 m.
39	926 – 927	N48°43'54"W	10.81 m.

1	927 – 928	N31°44'59"W	29.69 m.
2	928 – 929	N13°06'58"W	9.36 m.
3	929 – 930	N27°24'27"W	15.21 m.
4	930 – 931	N10°02'48"W	6.09 m.
5	931 – 932	N41°53'25"W	5.71 m.
6	932 – 933	N29°56'20"W	16.16 m.
7	933 – 934	N45°00'00"W	9.19 m.
8	934 – 935	N32°45'38"W	10.86 m.
9	935 – 936	N45°09'17"W	17.54 m.
10	936 – 937	DUE NORTH	1.63 m.
11	937 – 938	N62°12'29"W	2.40 m.
12	938 – 939	DUE NORTH	3.25 m.
13	939 – 940	N38°17'25"W	6.05 m.
14	940 – 941	DUE NORTH	2.25 m.
15	941 – 942	N65°26'16"W	2.41 m.
16	942 – 943	N09°41'20"W	41.59 m.
17	943 – 944	N10°14'51" E	5.98 m.
18	944 – 945	N45°17'43" E	12.31 m.
19	945 – 946	N09°11'01" E	16.84 m.
20	946 – 947	N01°36'35"W	20.01 m.
21	947 – 948	N64°47'56"W	2.35 m.
22	948 – 949	N06°56'04"W	9.32 m.
23	949 – 950	N24°25'48"W	19.50 m.
24	950 – 951	N65°25'40"W	2.40 m.
25	951 – 952	N24°31'29"W	21.98 m.
26	952 – 953	DUE NORTH	7.50 m.
27	953 – 954	N38°30'25"W	3.51 m.
28	954 – 955	N10°01'22" E	2.57 m.
29	955 – 956	N45°04'03" E	3.00 m.
30	956 – 957	N06°56'04" E	9.32 m.
31	957 – 958	N02°15'38"W	8.52 m.
32	958 – 959	N16°18'03"W	19.15 m.
33	959 – 960	N21°35'49"W	16.13 m.
34	960 – 961	N07°01'25"W	8.69 m.
35	961 – 962	N36°08'37"W	10.07 m.
36	962 – 963	DUE NORTH	2.12 m.
37	963 – 964	N36°11'36"W	12.70 m.
38	964 – 965	N66°50'55"W	4.15 m.
39	965 – 966	N41°28'48"W	12.17 m.

1	966 – 967	N55°42'26"W	20.20 m.	
2	967 – 968	N45°26'39"W	11.40 m.	
3	968 – 969	DUE WEST	3.19 m.	
4	969 – 970	N51°26'09"W	13.83 m.	
5	970 – 971	N46°41'32"W	11.85 m.	
6	971 – 972	N55°30'28"W	12.36 m.	
7	972 – 973	N32°59'59"W	7.00 m.	
8	973 – 974	N70°49'40"W	3.44 m.	
9	974 – 975	N37°52'13"W	24.54 m.	
10	975 – 976	DUE NORTH	4.38 m.	
11	976 – 977	N29°32'20"W	4.31 m.	
12	977 – 978	N11°45'13"W	15.95 m.	
13	978 – 979	N03°08'20" E	38.81 m.	
14	979 – 980	N15°17'60" E	12.32 m.	
15	980 – 981	N41°52'22" E	13.77 m.	
16	981 – 982	DUE NORTH	2.12 m.	
17	982 – 983	N44°59'18" E	17.50 m.	
18	983 – 984	N59°02'10" E	4.37 m.	
19	984 – 985	N39°51'10" E	3.41 m.	
20	985 – 986	N55°58'14" E	5.81 m.	
21	986 – 987	DUE NORTH	2.13 m.	
22	987 – 988	N31°16'59" E	17.69 m.	
23	988 – 989	N46°41'54" E	13.31 m.	
24	989 – 990	N03°31'35" E	9.14 m.	
25	990 – 991	N26°07'34" E	7.24 m.	
26	991 – 992	N04°22'06" E	28.71 m.	
27	992 – 993	N02°59'04"W	20.40 m.	
28	993 – 994	N21°33'47"W	25.00 m.	
29	994 – 995	N47°49'04"W	8.01 m.	
30	995 – 996	N41°28'28"W	18.69 m.	
31	996 – 997	N26°33'54"W	4.75 m.	
32	997 – 998	N62°53'34"W	2.46 m.	
33	998 – 999	N36°16'00"W	42.79 m.	
34	999 – 1000	N24°54'17"W	7.72 m.	
35	1000 –	1001 N48°33'	17" W	6.42 m.
36	1001 –	1002 N36°18'	52" W	15.51 m.
37	1002 –	1003 N63°21'	52" W	3.64 m.
38	1003 –	1004 N18°48'	51" W	3.30 m.
39	1004 –	1005 N57°57'	55" W	8.26 m.

1	1005	—	1006 N41°28'	28"	W	18.69 m.
2	1006	—	1007 N49°33'	00"	W	5.01 m.
3	1007	—	1008DUE NORTH			2.12 m.
4	1008	—	1009 N47°47'	49"	W	7.26 m.
5	1009	—	1010 N16°30'	28"	W	24.64 m.
6	1010	—	1011 N07°13'	32"	E	17.39 m.
7	1011	—	1012 N32°49'	25"	E	14.87 m.
8	1012	—	1013 N66°06'	27"	E	14.87 m.
9	1013	—	1014 S83°40'	15"	E	10.25 m.
10	1014	—	1015 N62°40'	30"	E	2.46 m.
11	1015	—	1016 S78°34'	16"	E	8.23 m.
12	1016	—	1017 N69°04'	48"	E	19.60 m.
13	1017	—	1018 N40°54'	52"	E	4.96 m.
14	1018	—	1019 N67°11'	56"	E	2.92 m.
15	1019	—	1020 N52°59'	39"	E	5.40 m.
16	1020	—	1021 N40°45'	49"	E	10.72 m.
17	1021	—	1022 N20°21'	60"	E	26.40 m.
18	1022	—	1023 N47°45'	49"	E	7.26 m.
19	1023	—	1024 N33°11'	08"	E	29.57 m.
20	1024	—	1025 N50°01'	04"	E	9.14 m.
21	1025	—	1026 N73°18'	03"	E	7.83 m.
22	1026	—	1027 N52°25'	53"	E	6.15 m.
23	1027	—	1028 N83°44'	22"	E	29.80 m.
24	1028	—	1029 S70°31'	13"	E	9.75 m.
25	1029	—	1030 N40°38'	12"	E	15.64 m.
26	1030	—	1031DUE EAST			2.19 m.
27	1031	—	1032 S44°55'	58"	E	3.01 m.
28	1033	—	1034 S54°46'	41"	E	3.90 m.
29	1034	—	1035 S16°33'	54 "	E	15.13 m.
30	1035	—	1036 S09°30'	14"	E	29.53 m.
31	1036	—	1037DUE SOUTH			15.63 m.
32	1037	—	1038 S15°29'	41"	W	26.20 m.
33	1038	—	1039 S44°11'	59"	W	3.14 m.
34	1039	—	1040DUE SOUTH			8.00 m.
35	1040	—	1041 S17°07'	20"	W	16.34 m.
36	1041	—	1042 S06°15'	49"	W	10.31 m.
37	1042	—	1043 S07°52'	42"	E	8.21 m.
38	1043	—	1044 S31°53'	27"	E	13.25 m.
39	1044	—	1045 S73°44'	05"	E	2.21 m.

1	1045	—	1046 S12°09'	25"	E	23.15 m.
2	1046	—	1047 S45°04'	03"	E	3.00 m.
3	1047	—	1048 S11°23'	31"	E	16.45 m.
4	1048	—	1049 S36°52'	08"	E	21.56 m.
5	1049	—	1050 S80°35'	32"	E	26.73 m.
6	1050	—	1051 S83°03'	00"	E	9.26 m.
7	1051	—	1052 S87°09'	58"	E	22.65 m.
8	1052	—	1053 S07°37'	40"	E	19.84 m.
9	1053	—	1054 S59°39'	24"	E	11.88 m.
10	1054	—	1055 S80°26'	21"	E	6.02 m.
11	1055	—	1056 S52°30'	26"	E	11.50 m.
12	1056	—	1057 S22°49'	13"	E	11.12 m.
13	1057	—	1058 S45°45'	23"	E	3.05 m.
14	1058	—	1059 S25°17'	17"	E	2.49 m.
15	1059	—	1060 S11°29'	58"	E	10.97 m.
16	1060	—	1061 S07°01'	56"	W	9.19 m.
17	1061	—	1062 S20°20'	21"	W	15.46 m.
18	1062	—	1063 S49°05'	08"	W	4.96 m.
19	1063	—	1064DUE WEST			2.19 m.
20	1064	—	1065 S49°23'	55"	W	9.22 m.
21	1065	—	1066 S74°02'	27"	W	19.57 m.
22	1066	—	1067 S84°08'	38"	W	4.90 m.
23	1067	—	1068 S26°36'	30"	W	2.37 m.
24	1068	—	1069 S75°43'	08"	W	28.38 m.
25	1069	—	1070 S60°24'	45"	W	15.45 m.
26	1070	—	1071DUE SOUTH			2.12 m.
27	1071	—	1072 S43°35'	49"	W	16.40 m.
28	1072	—	1073 S25°29'	01"	W	8.86 m.
29	1073	—	1074 S09°38'	53"	W	12.68 m.
30	1074	—	1075 S04°11'	34"	E	14.54 m.
31	1075	—	1076 S15°57'	07"	E	11.83 m.
32	1076	—	1077 S45°00'	00"	E	5.30 m.
33	1077	—	1078 S14°01'	48"	E	4.38 m.
34	1078	—	1079 S85°51'	49"	E	15.67 m.
35	1079	—	1080 N61°56'	15"	E	18.34 m.
36	1080	—	1081 N45°45'	23"	E	30.10 m.
37	1081	—	1082 N61°32'	35"	E	9.17 m.
38	1082	—	1083 N26°30'	02"	E	2.38 m.
39	1083	—	1084 N59°55'	41"	E	23.69 m.

1	1084	–	1085 N63°31'	51"	E	16.83 m.
2	1085	–	1086DUE WEST			12.44 m.
3	1086	–	1087 S87°02'	44"	E	19.40 m.
4	1087	–	1088 S64°56'	41"	E	5.31 m.
5	1088	–	1089 S13°29'	06"	E	9.38 m.
6	1089	–	1090DUE EAST			2.13 m.
7	1090	–	1091 S02°10'	28"	E	29.65 m.
8	1091	–	1092 S12°18'	47"	E	4.98 m.
9	1092	–	1093 S39°34'	58"	E	4.22 m.
10	1093	–	1094 S19°35'	39"	E	9.69 m.
11	1094	–	1095 S75°26'	35"	E	4.46 m.
12	1095	–	1096 S32°18'	09"	E	5.03 m.
13	1096	–	1097 S73°07'	47"	E	5.62 m.
14	1097	–	1098 S78°25'	37"	E	37.39 m.
15	1098	–	1099 S73°20'	49"	E	13.50 m.
16	1099	–	1100 S88°27'	35"	E	37.20 m.
17	1100	–	1101 N74°01'	17"	E	21.32 m.
18	1101	–	1102 N61°38'	34"	E	17.12 m.
19	1102	–	1103 N36°32'	02"	E	59.74 m.
20	1103	–	1104 S14°51'	48"	W	14.62 m.
21	1104	–	1105 N27°29'	21"	E	10.43 m.
22	1105	–	1106 N08°37'	36"	E	7.08 m.
23	1106	–	1107 N53°00'	02"	E	5.40 m.
24	1107	–	1108 N11°28'	55"	E	8.16 m.
25	1108	–	1109 N26°33'	21"	E	16.91 m.
26	1109	–	1110 N51°44'	15"	E	3.42 m.
27	1110	–	1111 N13°37'	45"	E	4.51 m.
28	1111	–	1112 N48°49'	39"	E	5.72 m.
29	1112	–	1113 N23°25'	43"	E	8.17 m.
30	1113	–	1114 N49°17'	21"	E	14.18 m.
31	1114	–	1115DUE NORTH			2.12 m.
32	1115	–	1116 N56°24'	19"	E	6.60 m.
33	1116	–	1117DUE NORTH			2.13 m.
34	1117	–	1118 N56°22'	35"	E	3.83 m.
35	1118	–	1119 N36°09'	29"	E	20.13 m.
36	1119	–	1120 N51°39'	60"	E	6.85 m.
37	1120	–	1121 N21°06'	56"	E	2.95 m.
38	1121	–	1122 N47°39'	11"	E	9.47 m.
39	1122	–	1123 N38°19'	12"	E	29.63 m.

1	1123	–	1124 N53°00'	02"	E	5.40 m.
2	1124	–	1125 N17°46'	59"	E	5.11 m.
3	1125	–	1126 N41°07'	47"	E	39.34 m.
4	1126	–	1127 DUE NORTH			2.12 m.
5	1127	–	1128 N35°37'	47"	E	13.84 m.
6	1128	–	1129 N23°29'	20"	E	17.72 m.
7	1129	–	1130 N29°04'	37"	E	16.59 m.
8	1130	–	1131 N12°16'	39"	E	4.99 m.
9	1131	–	1132 N07°13'	44"	E	17.39 m.
10	1132	–	1133 N45°04'	03"	E	3.00 m.
11	1133	–	1134 N04°49'	49"	E	25.97 m.
12	1134	–	1135 N15°29'	41"	E	26.20 m.
13	1135	–	1136 N13°18'	04"	E	11.68 m.
14	1136	–	1137 N16°53'	12"	E	7.32 m.
15	1137	–	1138 N62°40'	30"	E	2.46 m.
16	1138	–	1139 N26°37'	48"	E	2.37 m.
17	1139	–	1140 DUE NORTH			1.63 m.
18	1140	–	1141 N43°01'	30"	E	10.26 m.
19	1141	–	1142 N75°26'	23"	E	4.46 m.
20	1142	–	1143 N24°34'	02"	E	6.47 m.
21	1143	–	1144 DUE EAST			21.56 m.
22	1144	–	1145 N41°31'	44"	E	6.51 m.
23	1145	–	1146 N58°20'	57"	E	16.45 m.
24	1146	–	1147 N23°34'	32"	E	36.41 m.
25	1147	–	1148 N06°38'	28"	E	9.19 m.
26	1148	–	1149 N02°58'	06"	W	20.53 m.
27	1149	–	1150 N02°18'	30"	E	26.39 m.
28	1150	–	1151 N12°49'	28"	E	31.54 m.
29	1151	–	1152 N18°12'	56"	E	46.58 m.
30	1152	–	1153 N05°33'	13"	E	49.73 m.
31	1153	–	1154 N13°49'	59"	W	8.89 m.
32	1154	–	1155 N24°47'	19"	W	8.94 m.
33	1155	–	1156 N47°12'	50"	W	10.31 m.
34	1156	–	1157 N18°05'	45"	W	3.42 m.
35	1157	–	1158 N51°29'	33"	W	20.69 m.
36	1158	–	1159 N34°55'	39"	W	6.55 m.
37	1159	–	1160 N50°30'	22"	W	16.12 m.
38	1160	–	1161 N40°36'	56"	W	15.65 m.
39	1161	–	1162 N22°29'	47"	W	26.79 m.

1	1162	-	1163DUE EAST			16.25 m.
2	1163	-	1164 N11°51'	31"	E	10.34 m.
3	1164	-	1165 N24°07'	32"	E	17.13 m.
4	1165	-	1166 N69°24'	48"	E	4.61 m.
5	1166	-	1167 N14°24'	18"	E	4.52 m.
6	1167	-	1168 N55°45'	50"	E	18.22 m.
7	1168	-	1169DUE EAST			3.25 m.
8	1169	-	1170 N37°28'	14"	E	2.67 m.
9	1170	-	1171 N79°13'	21"	E	8.72 m.
10	1171	-	1172 N56°03'	06"	E	22.15 m.
11	1172	-	1173 N73°13'	51"	E	3.92 m.
12	1173	-	1174 N43°23'	11"	E	25.11 m.
13	1174	-	1175DUE EAST			2.13 m.
14	1175	-	1176 N47°30'	04"	E	18.31 m.
15	1176	-	1177 N65°04'	25"	E	16.61 m.
16	1177	-	1178 S81°43'	03"	E	14.72 m.
17	1178	-	1179 S59°43'	24"	E	25.55 m.
18	1179	-	1180 S80°59'	29"	E	20.76 m.
19	1180	-	1181 N69°38'	59"	E	55.73 m.
20	1181	-	1182 N56°32'	18"	E	9.74 m.
21	1182	-	1183 N43°22'	43"	E	26.66 m.
22	1183	-	1184 N32°09'	49"	E	34.40 m.
23	1184	-	1185 N17°21'	40"	E	48.59 m.
24	1185	-	1186 N10°50'	58"	E	5.98 m.
25	1186	-	1187 N55°11'	09"	E	1.98 m.
26	1187	-	1188 N30°30'	37"	E	48.75 m.
27	1188	-	1189 N57°28'	41"	E	5.12 m.
28	1189	-	1190 N05°58'	28"	E	5.40 m.
29	1190	-	1191 N30°52'	37"	E	28.25 m.
30	1191	-	1192 N17°07'	08"	W	27.60 m.
31	1192	-	1193 N15°46'	05"	W	14.03 m.
32	1193	-	1194 N03°41'	56"	E	32.94 m.
33	1194	-	1195 N10°09'	21"	E	15.24 m.
34	1195	-	1196 N32°09'	49"	E	34.40 m.
35	1196	-	1197 N73°09'	02"	E	7.31 m.
36	1197	-	1198 N59°28'	49"	E	38.16 m.
37	1198	-	1199 N48°38'	39"	E	24.40 m.
38	1199	-	1200 N30°04'	56"	E	23.69 m.
39	1200	-	1201 N61°59'	51"	E	2.41 m.

1	1201	–	1202DUE NORTH			3.25 m.
2	1202	–	1203 N44°04'	15"	E	16.35 m.
3	1203	–	1204 N22°40'	50"	E	18.15 m.
4	1204	–	1205 N13°06'	58"	E	9.36 m.
5	1205	–	1206 N39°57'	02"	E	5.06 m.
6	1206	–	1207 N13°25'	59"	E	11.57 m.
7	1207	–	1208 N33°33'	57"	E	7.80 m.
8	1208	–	1209 N22°40'	02"	E	13.95 m.
9	1209	–	1210 N13°44'	21"	E	29.47 m.
10	1210	–	1211 N02°08'	03"	E	28.52 m.
11	1211	–	1212 N15°53'	05"	W	23.52 m.
12	1212	–	1213 N40°34'	08"	W	5.77 m.
13	1213	–	1214 N24°58'	52"	W	24.27 m.
14	1214	–	1215 N44°56'	03"	W	35.13 m.
15	1215	–	1216 N61°20'	29"	W	5.48 m.
16	1216	–	1217 N47°33'	09"	W	24.82 m.
17	1217	–	1218 N23°14'	17"	W	2.85 m.
18	1218	–	1219 N61°59'	51"	W	2.41 m.
19	1219	–	1220 N33°16'	24"	W	18.68 m.
20	1220	–	1221 N45°16'	35"	W	8.36 m.
21	1221	–	1222DUE NORTH			2.25 m.
22	1222	–	1223 N41°11'	09"	W	10.63 m.
23	1223	–	1224 N13°40'	18"	W	4.50 m.
24	1224	–	1225 N33°53'	46"	W	9.64 m.
25	1225	–	1226 N19°02'	06"	W	14.95 m.
26	1226	–	1227 N10°44'	56"	W	17.43 m.
27	1227	–	1228 N22°40'	12"	W	8.27 m.
28	1228	–	1229DUE WEST			1.63 m.
29	1229	–	1230DUE NORTH			2.62 m.
30	1230	–	1231 N33°15'	23"	W	18.69 m.
31	1231	–	1232 N62°12'	29"	W	2.40 m.
32	1232	–	1233 N04°15'	09"	W	15.17 m.
33	1233	–	1234 N22°06'	34"	E	8.63 m.
34	1234	–	1235 N50°19'	36"	E	11.94 m.
35	1235	–	1236DUE EAST			3.75 m.
36	1236	–	1237 N55°50'	25"	E	8.46 m.
37	1237	–	1238 N76°24'	14"	E	13.83 m.
38	1238	–	1239 S82°01'	16"	E	15.27 m.
39	1239	–	1240 N80°16'	44"	E	12.56 m.

1	1240	–	1241 S85°06'	59"	E	24.90 m.
2	1241	–	1242DUE EAST			19.38 m.
3	1242	–	1243 N81°59'	19"	E	15.21 m.
4	1243	–	1244 N59°16'	52"	E	20.07 m.
5	1244	–	1245DUE EAST			3.25 m.
6	1245	–	1246 N62°01'	24"	E	10.40 m.
7	1246	–	1247 N80°28'	40"	E	19.65 m.
8	1247	–	1248 S83°42'	32"	E	10.31 m.
9	1248	–	1249 S61°19'	58"	E	25.79 m.
10	1249	–	1250 S81°45'	15"	E	63.66 m.
11	1250	–	1251 S76°04'	31"	E	15.58 m.
12	1251	–	1252 S80°07'	52"	E	6.53 m.
13	1252	–	1253DUE EAST			2.19 m.
14	1253	–	1254 S47°07'	16"	E	9.55 m.
15	1254	–	1255 S71°10'	38"	E	18.22 m.
16	1255	–	1256 S62°08'	43"	E	31.03 m.
17	1256	–	1257 S84°33'	05"	E	6.53 m.
18	1257	–	1258DUE SOUTH			2.13 m.
19	1258	–	1259 S62°07'	11"	E	21.92 m.
20	1259	–	1260 S70°31'	06"	E	9.74 m.
21	1260	–	1261 S84°23'	39"	E	10.24 m.
22	1261	–	1262 S75°43'	46"	E	11.16 m.
23	1262	–	1263 S45°04'	03"	E	3.00 m.
24	1263	–	1264 S88°17'	08"	E	37.77 m.
25	1264	–	1265 S75°16'	43"	E	21.13 m.
26	1265	–	1266 S62°32'	04"	E	12.75 m.
27	1266	–	1267 S24°50'	33"	E	16.66 m.
28	1267	–	1268DUE EAST			3.25 m.
29	1268	–	1269 S26°31'	19"	E	2.38 m.
30	1269	–	1270 S60°55'	12"	E	4.36 m.
31	1270	–	1271DUE SOUTH			18.38 m.
32	1271	–	1272 S06°23'	50"	W	34.21 m.
33	1272	–	1273 S33°52'	04"	W	5.72 m.
34	1273	–	1274 S62°52'	56"	W	2.46 m.
35	1274	–	1275DUE SOUTH			2.13 m.
36	1275	–	1276 S32°41'	54"	W	10.99 m.
37	1276	–	1277 S62°01'	24"	E	10.40 m.
38	1277	–	1278 S44°35'	53"	W	6.85 m.
39	1278	–	1279 S14°02'	33"	W	4.38 m.

1	1279	-	1280DUE WEST			2.19 m.
2	1280	-	1281 S41°41'	12"	W	25.94 m.
3	1281	-	1282 S22°58'	49"	E	15.21 m.
4	1282	-	1283 S53°00'	02"	E	5.40 m.
5	1283	-	1284 S18°25'	02"	E	5.14 m.
6	1284	-	1285 N82°43'	54"	E	21.74 m.
7	1285	-	1286 S86°54'	25"	E	67.45 m.
8	1286	-	1287 S85°54'	25"	E	29.70 m.
9	1287	-	1288 S45°45'	23"	E	3.05 m.
10	1288	-	1289 S08°38'	05"	E	7.08 m.
11	1289	-	1290 S44°11'	11"	E	3.14 m.
12	1290	-	1291 S02°41'	48"	E	34.54 m.
13	1291	-	1292 S45°04'	03"	E	3.00 m.
14	1292	-	1293DUE SOUTH			12.38 m.
15	1293	-	1294 S13°55'	45"	W	15.58 m.
16	1294	-	1295 S35°32'	48"	W	25.05 m.
17	1295	-	1296 S28°36'	27"	E	59.65 m.
18	1296	-	1297 S17°15'	26"	E	49.09 m.
19	1297	-	1298 S12°36'	10"	E	4.87 m.
20	1298	-	1299 S24°54'	17"	W	7.72 m.
21	1299	-	1300 S70°59'	07"	W	3.44 m.
22	1300	-	1301DUE SOUTH			2.13 m.
23	1301	-	1302 S31°35'	11"	W	5.13 m.
24	1302	-	1303 S76°56'	46"	W	4.43 m.
25	1303	-	1304 S48°59'	15"	W	5.71 m.
26	1304	-	1305 S57°57'	55"	W	8.26 m.
27	1305	-	1306 S40°22'	08"	W	4.92 m.
28	1306	-	1307DUE WEST			1.63 m.
29	1307	-	1308 S33°56'	15"	W	3.92 m.
30	1308	-	1309 S55°57'	43"	W	22.10 m.
31	1309	-	1310 S47°12'	37"	W	10.30 m.
32	1310	-	1311 S61°02'	56"	W	6.71 m.
33	1311	-	1312 S74°39'	01"	W	6.16 m.
34	1312	-	1313 S53°16'	37"	W	14.25 m.
35	1313	-	1314DUE SOUTH			2.25 m.
36	1314	-	1315 S73°09'	02"	W	7.31 m.
37	1315	-	1316 S22°00'	28"	W	2.84 m.
38	1316	-	1317 S03°18'	53"	E	64.86 m.
39	1317	-	1318 S19°54'	03"	W	6.24 m.

1	1318	--	1319 S01°34'	13"	W	20.51 m.
2	1319	--	1320 S21°45'	31"	W	17.37 m.
3	1320	--	1321 S13°20'	22"	W	34.94 m.
4	1321	--	1322DUE SOUTH			7.00 m.
5	1322	--	1323 S18°31'	37"	W	13.57 m.
6	1323	--	1324 S32°07'	22"	W	5.17 m.
7	1324	--	1325 S21°43'	16"	W	8.61 m.
8	1325	--	1326 S36°36'	13"	W	15.41 m.
9	1326	--	1327 S44°42'	44"	W	17.59 m.
10	1327	--	1328 S24°44'	50"	W	14.18 m.
11	1328	--	1329 S14°43'	15"	W	12.79 m.
12	1329	--	1330 S31°37'	59"	E	8.22 m.
13	1330	--	1331 S51°36'	23"	E	3.43 m.
14	1331	--	1332 S28°53'	24"	E	23.41 m.
15	1332	--	1333 S42°02'	04"	E	15.31 m.
16	1333	--	1334 S33°30'	10"	E	26.38 m.
17	1334	--	1335 S09°12'	07"	E	13.68 m.
18	1335	--	1336 S31°32'	15"	E	5.14 m.
19	1336	--	1337DUE SOUTH			1.62 m.
20	1337	--	1338 S44°58'	24"	E	7.60 m.
21	1338	--	1339DUE WEST			2.12 m.
22	1339	--	1340 S79°46'	41"	E	12.00 m.
23	1340	--	1341 N70°31'	13"	E	9.75 m.
24	1341	--	1342 N45°15'	17"	E	9.06 m.
25	1342	--	1343DUE EAST			2.19 m.
26	1343	--	1344 N49°42'	25"	E	18.35 m.
27	1344	--	1345DUE EAST			2.19 m.
28	1345	--	1346 N38°44'	20"	E	21.47 m.
29	1346	--	1347 N61°39'	13"	E	5.54 m.
30	1347	--	1348 N25°55'	56"	E	4.86 m.
31	1348	--	1349 N46°42'	38"	E	25.16 m.
32	1349	--	1350 N28°06'	01"	E	10.35 m.
33	1350	--	1351 N62°12'	29"	E	2.40 m.
34	1351	--	1352DUE NORTH			2.13 m.
35	1352	--	1353 N40°54'	52"	E	4.96 m.
36	1353	--	1354 N66°54'	34"	E	11.14 m.
37	1354	--	1355DUE EAST			3.25 m.
38	1355	--	1356 S34°47'	11"	E	2.74 m.
39	1356	--	1357DUE SOUTH			22.62 m.

1	1357	-	1358 S35°26'	55"	E	11.21 m.
2	1358	-	1359 S13°55'	45"	E	15.58 m.
3	1359	-	1360 S36°34'	43"	E	15.42 m.
4	1360	-	1361 N54°20'	08"	E	44.39 m.
5	1361	-	1362 N44°24'	34"	E	68.59 m.
6	1362	-	1363 S46°05'	21"	E	20.91 m.
7	1363	-	1364 S19°41'	53"	E	30.41 m.
8	1364	-	1365 S45°04'	03"	E	3.00 m.
9	1365	-	1366DUE SOUTH			2.63 m.
10	1366	-	1367 S19°25'	50"	E	8.08 m.
11	1367	-	1368 S65°25'	40"	E	2.40 m.
12	1368	-	1369 S15°49'	35"	E	3.90 m.
13	1369	-	1370 S36°39'	60"	E	42.39 m.
14	1370	-	1371 S70°01'	05"	E	8.05 m.
15	1371	-	1372DUE SOUTH			2.13 m.
16	1372	-	1373 S67°28'	46"	E	11.10 m.
17	1373	-	1374 S83°45'	51"	E	10.31 m.
18	1374	-	1375 S73°09'	44"	E	16.85 m.
19	1375	-	1376 S27°53'	11"	E	21.91 m.
20	1376	-	1377 S49°05'	08"	E	4.96 m.
21	1377	-	1378 S31°37'	59"	E	8.22 m.
22	1378	-	1379DUE SOUTH			10.25 m.
23	1379	-	1380 S21°06'	53"	W	25.33 m.
24	1380	-	1381 S08°37'	36"	W	7.08 m.
25	1381	-	1382 S05°20'	10"	E	11.42 m.
26	1382	-	1383 S22°49'	13"	E	11.42 m.
27	1383	-	1384 S29°00'	23"	E	28.87 m.
28	1384	-	1385 S22°48'	56"	E	11.12 m.
29	1385	-	1386 S06°33'	20"	E	9.31 m.
30	1386	-	1387 S05°23'	52"	W	11.30 m.
31	1387	-	1388 S62°40'	30"	W	2.46 m.
32	1388	-	1389DUE SOUTH			2.12 m.
33	1389	-	1390 S34°08'	26"	W	22.05 m.
34	1390	-	1391 S11°31'	54"	W	18.76 m.
35	1391	-	1392 S15°28'	26"	E	6.09 m.
36	1392	-	1393DUE EAST			20.44 m.
37	1393	-	1394 N64°21'	02"	E	7.21 m.
38	1394	-	1395 N79°06'	46"	E	5.98 m.
39	1395	-	1396 N65°09'	01"	E	6.54 m.

1	1396	—	1397 N45°05'	56"	E	17.44 m.
2	1397	—	1398 N39°47'	52"	E	20.99 m.
3	1398	—	1399 N08°10'	34"	E	22.85 m.
4	1399	—	1400 N08°34'	01"	W	28.95 m.
5	1400	—	1401 N22°06'	34"	W	8.63 m.
6	1401	—	1402DUE NORTH			19.62 m.
7	1402	—	1403 N15°03'	47"	E	8.42 m.
8	1403	—	1404 N11°49'	56"	W	5.49 m.
9	1404	—	1405 N17°21'	01"	E	7.33 m.
10	1405	—	1406 N11°09'	59"	E	5.48 m.
11	1406	—	1407 N33°43'	02"	W	5.85 m.
12	1407	—	1408 N03°08'	38"	W	10.27 m.
13	1408	—	1409 N31°12'	29"	W	14.47 m.
14	1409	—	1410DUE NORTH			11.37 m.
15	1410	—	1411 N13°54'	08"	E	13.27 m.
16	1411	—	1412 N21°30'	34"	E	13.30 m.
17	1412	—	1413 N29°36'	16"	E	31.63 m.
18	1413	—	1414 0			2.13 m.
19	1414	—	1415 N62°12'	29"	E	2.40 m.
20	1415	—	1416DUE NORTH			3.25 m.
21	1416	—	1417 N45°44'	39"	E	6.81 m.
22	1417	—	1418 N30°50'	42"	E	15.72 m.
23	1418	—	1419DUE NORTH			3.75 m.
24	1419	—	1420 N26°32'	39"	E	4.90 m.
25	1420	—	1421DUE NORTH			7.00 m.
26	1421	—	1422 N36°58'	38"	W	26.91 m.
27	1422	—	1423 N78°13'	46"	W	5.49 m.
28	1423	—	1424DUE NORTH			1.63 m.
29	1424	—	1425 N41°25'	25"	W	5.67 m.
30	1425	—	1426 N08°38'	05"	E	5.67 m.
31	1426	—	1427 N24°47'	19"	E	7.08 m.
32	1427	—	1428DUE NORTH			4.38 m.
33	1428	—	1429 N48°02'	51"	E	22.44 m.
34	1429	—	1430 N51°55'	26"	E	25.33 m.
35	1430	—	1431 N63°05'	56"	E	38.13 m.
36	1431	—	1432 N26°30'	02"	E	2.38 m.
37	1432	—	1433 N76°08'	55"	E	9.40 m.
38	1433	—	1434 N34°46'	40"	E	1.97 m.
39	1434	—	1435 N68°11'	21"	E	27.26 m.

1	1435	—	1436 N44°26'	21"	E	4.55 m.
2	1436	—	1437 N66°54'	21"	E	130.66 m.
3	1437	—	1438 N61°20'	31"	E	19.02 m.
4	1438	—	1439DUE EAST			3.81 m.
5	1439	—	1440 N65°28'	36"	E	33.73 m.
6	1440	—	1441 N26°31'	19"	E	2.38 m.
7	1441	—	1442 N62°10'	43"	E	26.78 m.
8	1442	—	1443 N73°54'	18"	E	11.25 m.
9	1443	—	1444 N65°46'	45"	E	9.46 m.
10	1444	—	1445DUE EAST			2.69 m.
11	1445	—	1446 N26°37'	48"	E	2.37 m.
12	1446	—	1147 N70°48'	21"	E	37.66 m.
13	1447	—	1448 N38°30'	25"	E	3.51 m.
14	1448	—	1449 N56°33'	55"	E	7.71 m.
15	1449	—	1450 N78°38'	52"	E	16.51 m.
16	1450	—	1451 N51°40'	47"	E	2.67 m.
17	1451	—	1452 N82°30'	13"	E	16.33 m.
18	1452	—	1453 N70°22'	43"	E	15.99 m.
19	1453	—	1454 N51°34'	12"	E	9.65 m.
20	1454	—	1455 N00°57'	60"	E	63.01 m.
21	1455	—	1456 N52°04'	36"	E	43.74 m.
22	1456	—	1457 N40°03'	39"	E	35.93 m.
23	1457	—	1458 N08°20'	25"	W	55.59 m.
24	1458	—	1459 N28°13'	53"	E	50.08 m.
25	1459	—	1460 N82°38'	03"	E	38.06 m.
26	1460	—	1461 S58°52'	13"	E	33.37 m.
27	1461	—	1462 S54°49'	36"	E	33.64 m.
28	1462	—	1463 S79°07'	01"	E	54.29 m.
29	1463	—	1464 N65°36'	49"	E	36.64 m.
30	1464	—	1465 N45°58'	21"	E	44.24 m.
31	1465	—	1466 N84°23'	55"	E	31.97 m.
32	1466	—	1467 S69°18'	13"	E	80.64 m.
33	1467	—	1468 S63°48'	09"	E	100.23 m.
34	1468	—	1469 S45°01'	41"	E	89.14 m.
35	1469	—	1470 S33°39'	35"	E	60.22 m.
36	1470	—	1471 S33°44'	58"	E	50.51 m.
37	1471	—	1472 N54°08'	56"	E	47.81 m.
38	1472	—	1473 N59°14'	15"	E	65.24 m.
39	1473	—	1474 N43°31'	56"	E	74.32 m.

1	1474	—	1475 N48°49'	30"	E	62.28 m.
2	1475	—	1476 S82°31'	13"	E	28.81 m.
3	1476	—	1477 S40°11'	03"	E	72.65 m.
4	1477	—	1478 S85°29'	42"	E	62.13 m.
5	1478	—	1479 N88°16'	29"	E	124.56 m.
6	1479	—	1480 N81°32'	10"	E	113.80 m.
7	1480	—	1481 N56°24'	29"	E	80.88 m.
8	1481	—	1482 N49°37'	50"	E	113.86 m.
9	1482	—	1483 N00°52'	57"	E	69.01 m.
10	1483	—	1484 N35°08'	55"	E	59.93 m.
11	1484	—	1485 S80°02'	36"	E	40.48 m.
12	1485	—	1486 S62°14'	11"	E	68.16 m.
13	1486	—	1487 S54°53'	48"	E	42.17 m.
14	1487	—	1488 N65°24'	22"	E	41.45 m.
15	1488	—	1489 N75°17'	58"	E	71.92 m.
16	1489	—	1490 S74°21'	46"	E	83.92 m.
17	1490	—	1491 S27°28'	49"	E	59.46 m.
18	1491	—	1492 S41°03'	05"	E	50.06 m.
19	1492	—	1493 N65°50'	44"	E	212.00 m.
20	1493	—	1494 N21°31'	36"	E	186.51 m.
21	1494	—	1495 N60°26'	16"	W	97.29 m.
22	1495	—	1496 N45°00'	00"	W	44.90 m.
23	1496	—	1497 N16°48'	02"	E	102.49 m.
24	1497	—	1498 N41°20'	52"	W	41.63 m.
25	1498	—	1499 N29°04'	04"	W	66.51 m.
26	1499	—	1500 N27°23'	08"	E	117.13 m.
27	1500	—	1501 N60°53'	30"	E	58.59 m.
28	1501	—	1502 N33°07'	11"	E	79.84 m.
29	1502	—	1503 N27°18'	34"	W	90.32 m.
30	1503	—	1504 N31°34'	50"	W	121.49 m.
31	1504	—	1505 N13°32'	28"	W	59.79 m.
32	1505	—	1506 S67°45'	16"	E	83.87 m.
33	1506	—	1507 N28°08'	07"	E	114.25 m.
34	1507	—	1508 N85°34'	35"	E	55.10 m.
35	1508	—	1509 N08°55'	39"	E	66.05 m.
36	1509	—	1510 N59°13'	17"	E	46.41 m.
37	1510	—	1511 S48°51'	36"	E	39.34 m.
38	1511	—	1512 S30°40'	05"	E	60.16 m.
39	1512	—	1513 S72°48'	41"	E	49.07 m.

1	1513	–	1514 S88°05'	22"	E	82.48 m.
2	1514	–	1515 S38°38'	28"	E	78.57 m.
3	1515	–	1516 S70°38'	27"	E	45.64 m.
4	1516	–	1517 N76°15'	36"	E	41.05 m.
5	1517	–	1518 N19°00'	54"	W	87.66 m.
6	1518	–	1519 N22°06'	50"	W	100.11 m.
7	1519	–	1520 S86°46'	14"	W	9.94 m.
8	1520	–	1521 N50°11'	27"	W	70.86 m.
9	1521	–	1522 N43°53'	42"	W	98.71 m.
10	1522	–	1523 N46°06'	15"	W	57.50 m.
11	1523	–	1524 N27°05'	00"	W	142.08 m.
12	1524	–	1525 N89°10'	57"	W	79.20 m.
13	1525	–	1526 N13°22'	01"	W	23.25 m.
14	1526	–	1527 N37°14'	12"	W	70.34 m.
15	1527	–	1528 N08°17'	26"	W	78.45 m.
16	1528	–	1529 N11°27'	47"	E	59.44 m.
17	1529	–	1530 N42°55'	57"	W	62.49 m.
18	1530	–	1531 N02°03'	19"	W	29.64 m.
19	1531	–	1532 N22°13'	24"	E	121.13 m.
20	1532	–	1533 N06°50'	34"	E	52.95 m.
21	1533	–	1534 N47°04'	34"	E	53.77 m.
22	1534	–	1535 N42°49'	01"	E	69.70 m.
23	1535	–	1536 N41°31'	58"	E	50.43 m.
24	1536	–	1537 S83°36'	34"	E	62.89 m.
25	1537	–	1538 N79°37'	40"	E	56.93 m.
26	1538	–	1539 N79°20'	25"	E	64.17 m.
27	1539	–	1540 N67°26'	07"	E	70.05 m.
28	1540	–	1541 N34°16'	19"	E	71.70 m.
29	1541	–	1542 N66°26'	34"	E	63.48 m.
30	1542	–	1543 N75°09'	55"	E	59.09 m.
31	1543	–	1544 N09°55'	45"	E	65.60 m.
32	1544	–	1545 N04°54'	59"	W	81.68 m.
33	1545	–	1546 N11°38'	56"	W	56.02 m.
34	1546	–	1547 N83°07'	14"	W	54.27 m.
35	1547	–	1548 S87°47'	10"	W	181.20 m.
36	1548	–	1549 S84°59'	31"	W	48.69 m.
37	1549	–	1550 S10°25'	25"	E	26.94 m.
38	1550	–	1551 S21°48'	05"	W	37.70 m.
39	1551	–	1552 S59°49'	48"	W	41.79 m.

1	1552	—	1553 S36°07'	32"	W	34.67 m.
2	1553	—	1554 S59°11'	40"	W	55.88 m.
3	1554	—	1555 N59°01'	44"	W	48.33 m.
4	1555	—	1556 N81°18'	19"	W	52.92 m.
5	1556	—	1557 N16°31'	41"	W	32.08 m.
6	1557	—	1558 N01°23'	40"	E	43.64 m.
7	1558	—	1559 N88°56'	10"	W	60.32 m.
8	1559	—	1560 S67°57'	45"	W	88.94 m.
9	1560	—	1561 N82°49'	42"	W	38.05 m.
10	1561	—	1562 N63°42'	16"	W	143.61 m.
11	1562	—	1563 N57°44'	28"	W	41.46 m.
12	1563	—	1564 N01°03'	58"	W	26.87 m.
13	1564	—	1565 N12°07'	38"	W	30.94 m.
14	1565	—	1566 N59°47'	28"	W	33.05 m.
15	1566	—	1567 N19°42'	16"	E	30.40 m.
16	1567	—	1568 N35°43'	39"	E	35.11 m.
17	1568	—	1569 N07°56'	31"	E	34.83 m.
18	1569	—	1570 N03°04'	52"	E	60.47 m.
19	1570	—	1571 N70°55'	32"	W	27.91 m.
20	1571	—	1572 N47°10'	09"	W	19.86 m.
21	1572	—	1573 N15°54'	08"	E	33.53 m.
22	1573	—	1574 N37°37'	10"	E	68.81 m.
23	1574	—	1575 N22°21'	35"	E	29.74 m.
24	1575	—	1576 S83°57'	17"	E	30.86 m.
25	1576	—	1577 N83°30'	52"	E	80.83 m.
26	1577	—	1578 N73°23'	17"	E	47.22 m.
27	1578	—	1579 N30°30'	52"	E	51.94 m.
28	1579	—	1580 N28°55'	32"	E	31.27 m.
29	1580	—	1581 N81°30'	54"	E	36.46 m.
30	1581	—	1582 N39°19'	20"	E	246.58 m.
31	1582	—	1583 N33°48'	54"	E	72.66 m.
32	1583	—	1584 N13°15'	43"	E	49.32 m.
33	1584	—	1585 N43°22'	57"	E	65.88 m.
34	1585	—	1586 N61°53'	03"	E	116.71 m.
35	1586	—	1587 N52°27'	10"	E	93.73 m.
36	1587	—	1588 N00°33'	25"	W	109.39 m.
37	1588	—	1589 N29°37'	59"	E	50.18 m.
38	1589	—	1590 N06°22'	21"	W	73.20 m.
39	1590	—	1591 N64°39'	34"	W	75.65 m.

1	1591	–	1592 N57°33'	15"	W	86.21 m.
2	1592	–	1593 N76°06'	36"	W	101.02 m.
3	1593	–	1594 N70°38'	10"	W	76.52 m.
4	1594	–	1595 S80°50'	18"	W	94.96 m.
5	1595	–	1596 N54°35'	10"	W	39.04 m.
6	1596	–	1597 N58°50'	20"	E	57.26 m.
7	1597	–	1598 N80°59'	31"	E	130.93 m.
8	1598	–	1599 N71°28'	55"	E	40.93 m.
9	1599	–	1600 S69°46'	49"	E	36.17 m.
10	1600	–	1601 N87°54'	35"	E	147.22 m.
11	1601	–	1602 N83°12'	46"	E	128.02 m.
12	1602	–	1603 S87°59'	18"	E	74.92 m.
13	1603	–	1604 S71°38'	18"	E	61.90 m.
14	1604	–	1605 S86°49'	53"	E	97.15 m.
15	1605	–	1606 S88°19'	04"	E	27.74 m.
16	1606	–	1607 N64°39'	04"	E	56.64 m.
17	1607	–	1608 N86°06'	05"	E	64.27 m.
18	1608	–	1609 S81°19'	47"	E	96.98 m.
19	1609	–	1610 S63°12'	42"	E	58.53 m.
20	1610	–	1611 S23°57'	50"	E	84.94 m.
21	1611	–	1612 S04°12'	09"	E	117.70 m.
22	1612	–	1613 S24°05'	31"	E	67.37 m.
23	1613	–	1614 S83°15'	44"	E	59.66 m.
24	1614	–	1615 N45°25'	06"	E	48.44 m.
25	1615	–	1616 N70°48'	09"	E	63.86 m.
26	1616	–	1617 S52°03'	28"	E	28.05 m.
27	1617	–	1618 S15°34'	38"	E	72.15 m.
28	1618	–	1619 S41°09'	59"	E	68.74 m.
29	1619	–	1620 S68°31'	07"	E	95.58 m.
30	1620	–	1621 S83°51'	23"	E	75.87 m.
31	1621	–	1622 N84°08'	43"	E	79.60 m.
32	1622	–	1623 N47°02'	15"	E	63.29 m.
33	1623	–	1624 N02°17'	01"	E	54.91 m.
34	1624	–	1625 N06°16'	22"	W	93.81 m.
35	1625	–	1626 N32°11'	49"	W	58.65 m.
36	1626	–	1627 N80°43'	32"	E	82.96 m.
37	1627	–	1628 S85°04'	01"	E	93.03 m.
38	1628	–	1629 S76°23'	41"	E	139.73 m.
39	1629	–	1630 S83°44'	34"	E	128.45 m.

1	1630	–	1631 N71°11'	53"	E	138.85 m.
2	1631	–	1632 N83°04'	58"	E	129.69 m.
3	1632	–	1633 N89°32'	45"	E	63.06 m.
4	1633	–	1634 N56°25'	03"	E	55.59 m.
5	1634	–	1635 N70°47'	34"	E	145.54 m.
6	1635	–	1636 N43°16'	49"	E	126.54 m.
7	1636	–	1637 N18°01'	56"	E	73.09 m.
8	1637	–	1638 N16°37'	04"	E	75.40 m.
9	1638	–	1639 N34°12'	40"	E	115.94 m.
10	1639	–	1640 N79°41'	22"	E	63.53 m.
11	1640	–	1641 S43°41'	15"	E	36.35 m.
12	1641	–	1642 S25°00'	39"	E	70.07 m.
13	1642	–	1643 S06°07'	24"	W	65.62 m.
14	1643	–	1644 S04°22'	29"	E	91.77 m.
15	1644	–	1645 S54°12'	48"	E	42.53 m.
16	1645	–	1646 S87°30'	53"	E	74.95 m.
17	1646	–	1647 S72°57'	14"	E	78.90 m.
18	1647	–	1648 S42°56'	39"	E	75.13 m.
19	1648	–	1649 S19°39'	14"	E	81.76 m.
20	1649	–	1650 S07°50'	32"	E	66.88 m.
21	1650	–	1651 S32°48'	17"	E	88.48 m.
22	1651	–	1652 S45°31'	32"	E	81.55 m.
23	1652	–	1653 S64°17'	38"	E	63.40 m.
24	1653	–	1654 N83°36'	03"	E	33.65 m.
25	1654	–	1655 N56°07'	54"	E	66.84 m.
26	1655	–	1656 N36°58'	13"	E	57.26 m.
27	1656	–	1657 N42°25'	23"	E	67.91 m.
28	1657	–	1658 S77°29'	04"	E	37.52 m.
29	1658	–	1659 S42°01'	39"	E	44.25 m.
30	1659	–	1660 S23°01'	10"	E	49.71 m.
31	1660	–	1661 S31°26'	11"	E	45.42 m.
32	1661	–	1662 S83°44'	22"	E	59.61 m.
33	1662	–	1663 N77°42'	48"	E	91.02 m.
34	1663	–	1664 N87°47'	56"	E	84.62 m.
35	1664	–	1665 S31°44'	33"	E	83.04 m.
36	1665	–	1666 S01°39'	44"	E	56.02 m.
37	1666	–	1667 S60°15'	19"	W	50.89 m.
38	1667	–	1668 S75°18'	31"	W	76.89 m.
39	1668	–	1669DUE WEST			64.63 m.

1	1669	—	1670 S64°20'	17"	W	49.65 m.
2	1670	—	1671 S52°19'	50"	W	56.46 m.
3	1671	—	1672 S20°26'	58"	W	78.71 m.
4	1672	—	1673 S05°04'	47"	E	79.06 m.
5	1673	—	1674 S26°17'	18"	E	46.29 m.
6	1674	—	1675 S78°27'	10"	E	45.61 m.
7	1675	—	1676 N81°10'	22"	E	77.42 m.
8	1676	—	1677 S74°48'	33"	E	39.12 m.
9	1677	—	1678 S11°12'	03"	E	58.24 m.
10	1678	—	1679 S22°51'	37"	W	59.69 m.
11	1679	—	1680 S41°27'	05"	W	109.90 m.
12	1680	—	1681 S44°33'	30"	W	97.54 m.
13	1681	—	1682 S83°08'	07"	W	45.01 m.
14	1682	—	1683 S87°18'	28"	W	79.84 m.
15	1683	—	1684 S71°41'	10"	W	123.70 m.
16	1684	—	1685 S51°53'	28"	W	82.85 m.
17	1685	—	1686 S24°53'	54"	W	73.04 m.
18	1686	—	1687 S06°30'	52"	W	109.07 m.
19	1687	—	1688 S07°52'	45"	E	149.54 m.
20	1688	—	1689 S44°42'	35"	E	87.24 m.
21	1689	—	1690 S65°12'	54"	E	73.04 m.
22	1690	—	1691 N73°26'	24"	E	64.03 m.
23	1691	—	1692 N37°49'	41"	E	76.43 m.
24	1692	—	1693 N37°26'	03"	E	103.75 m.
25	1693	—	1694 N70°08'	19"	E	90.51 m.
26	1694	—	1695 S89°10'	17"	E	78.13 m.
27	1695	—	1696 S65°13'	16"	E	62.92 m.
28	1696	—	1697 S45°47'	04"	E	112.75 m.
29	1697	—	1698 S32°28'	51"	E	140.47 m.
30	1698	—	1699 S16°31'	39"	E	87.22 m.
31	1699	—	1700 S34°20'	03"	E	148.04 m.
32	1700	—	1701 S35°37'	35"	E	154.40 m.
33	1701	—	1702 S40°03'	02"	E	71.20 m.
34	1702	—	1703 S04°55'	16"	E	131.87 m.
35	1703	—	1704 S02°52'	13"	E	139.80 m.
36	1704	—	1705 S36°36'	25"	E	49.68 m.
37	1705	—	1706 S51°48'	05"	E	67.92 m.
38	1706	—	1707 S70°48'	47"	E	75.31 m.
39	1707	—	1708 N62°46'	35"	E	58.76 m.

1	1708	–	1709 N30°20'	41"	E	66.19 m.
2	1709	–	1710 N15°17'	21"	E	34.60 m.
3	1710	–	1711 N38°31'	40"	E	58.00 m.
4	1711	–	1712 N44°03'	46"	E	70.46 m.
5	1712	–	1713 S87°45'	03"	E	41.53 m.
6	1713	–	1714 S83°57'	38"	E	61.78 m.
7	1714	–	1715 N84°46'	42"	E	71.42 m.
8	1715	–	1716 N50°52'	31"	E	67.35 m.
9	1716	–	1717 N23°29'	16"	E	63.51 m.
10	1717	–	1718 N10°28'	38"	W	59.12 m.
11	1718	–	1719 N42°09'	48"	W	78.59 m.
12	1719	–	1720 N86°30'	56"	E	53.47 m.
13	1720	–	1721 S55°49'	10"	E	36.49 m.
14	1721	–	1722 S25°48'	02"	E	54.43 m.
15	1722	–	1723 S43°55'	57"	E	42.70 m.
16	1723	–	1724 N85°20'	59"	E	52.42 m.
17	1724	–	1725 N60°06'	23"	E	59.69 m.
18	1725	–	1726 N59°56'	28"	E	109.54 m.
19	1726	–	1727 N53°10'	34"	E	88.23 m.
20	1727	–	1728 N42°34'	15"	E	54.14 m.
21	1728	–	1729 N78°19'	10"	E	50.04 m.
22	1729	–	1730 S76°47'	35"	E	49.24 m.
23	1730	–	1731 S33°18'	57"	E	45.17 m.
24	1731	–	1732 S16°55'	31"	E	51.74 m.
25	1732	–	1733 S27°17'	12"	E	57.67 m.
26	1733	–	1734 S34°35'	06"	E	84.13 m.
27	1734	–	1735 S46°51'	38"	E	59.79 m.
28	1735	–	1736 S69°45'	20"	E	98.26 m.
29	1736	–	1737 S89°05'	18"	E	101.82 m.
30	1737	–	1738 N65°49'	59"	E	44.87 m.
31	1738	–	1739 N88°21'	34"	E	74.41 m.
32	1739	–	1740 N89°39'	56"	E	85.63 m.
33	1740	–	1741 S60°15'	18"	E	69.54 m.
34	1741	–	1742 S47°14'	39"	E	48.43 m.
35	1742	–	1743 S09°40'	41"	W	54.65 m.
36	1743	–	1744 S36°52'	12"	W	78.13 m.
37	1744	–	1745 S43°14'	35"	W	86.48 m.
38	1745	–	1746 S39°24'	02"	W	54.35 m.
39	1746	–	1747 S26°09'	31"	E	31.90 m.

1	1747	—	1748 S27°30'	03"	W	47.91 m.
2	1748	—	1749 S06°13'	05"	E	54.82 m.
3	1749	—	1750 S32°55'	29"	E	54.50 m.
4	1750	—	1751 S73°11'	46"	E	95.12 m.
5	1751	—	1752 S84°52'	24"	E	114.71 m.
6	1752	—	1753 S88°15'	48"	E	107.24 m.
7	1753	—	1754 S70°12'	04"	E	77.85 m.
8	1754	—	1755 S49°33'	13"	E	135.26 m.
9	1755	—	1756 S31°25'	06"	E	71.34 m.
10	1756	—	1757 S11°18'	36"	W	52.26 m.
11	1757	—	1758 S67°40'	29"	W	35.54 m.
12	1758	—	1759 N76°41'	03"	W	54.27 m.
13	1759	—	1760 N69°25'	59"	W	64.42 m.
14	1760	—	1761 S60°20'	38"	W	60.13 m.
15	1761	—	1762 S20°55'	51"	W	51.26 m.
16	1762	—	1763 S22°35'	53"	W	121.99 m.
17	1763	—	1764 S00°54'	22"	W	71.14 m.
18	1764	—	1765 S17°54'	42"	E	56.09 m.
19	1765	—	1766 S02°38'	25"	W	128.89 m.
20	1766	—	1767 S33°52'	29"	E	47.43 m.
21	1767	—	1768 S50°40'	13"	E	50.10 m.
22	1768	—	1769 S55°56'	54"	E	38.40 m.
23	1769	—	1770 N84°43'	03"	E	58.44 m.
24	1770	—	1771 N76°18'	16"	E	54.36 m.
25	1771	—	1772 S77°46'	54"	E	58.45 m.
26	1772	—	1773 S53°13'	12"	E	61.18 m.
27	1773	—	1774 S57°10'	35"	E	75.64 m.
28	1774	—	1775 S42°55'	31"	E	60.94 m.
29	1775	—	1776 S06°08'	40"	E	60.73 m.
30	1776	—	1777 S33°15'	24"	W	41.26 m.
31	1777	—	1778 S79°51'	14"	W	76.64 m.
32	1778	—	1779 N73°41'	52"	W	105.56 m.
33	1779	—	1780 N50°21'	24"	W	81.90 m.
34	1780	—	1781 N47°06'	09"	W	60.23 m.
35	1781	—	1782DUE WEST			48.50 m.
36	1782	—	1783 S35°19'	47"	W	56.85 m.
37	1783	—	1784 S02°12'	09"	E	84.56 m.
38	1784	—	1785 S20°56'	19"	E	96.36 m.
39	1785	—	1786 S69°39'	37"	E	72.99 m.

1	1786	–	1787 N81°41'	01"	E	85.52 m.
2	1787	–	1788 N87°37'	50"	E	54.42 m.
3	1788	–	1789 S84°29'	34"	E	96.38 m.
4	1789	–	1790 S59°16'	04"	E	55.77 m.
5	1790	–	1791 S80°32'	51"	E	89.02 m.
6	1791	–	1792 N68°57'	29"	E	54.31 m.
7	1792	–	1793 N68°59'	46"	E	76.72 m.
8	1793	–	1794 S75°40'	31"	E	61.15 m.
9	1794	–	1795 S45°00'	10"	E	70.88 m.
10	1795	–	1796 S07°02'	28"	E	74.95 m.
11	1796	–	1797 S18°44'	13"	E	60.32 m.
12	1797	–	1798 S08°23'	23"	E	140.50 m.
13	1798	–	1799 S13°51'	23"	E	96.56 m.
14	1799	–	1800 S26°00'	29"	W	74.97 m.
15	1800	–	1801 S03°06'	27"	E	10.39 m.
16	1801	–	1802 N50°21'	24"	W	81.90 m.
17	1802	–	1803 N47°06'	09"	W	60.23 m.
18	1803	–	1804 DUE WEST			48.50 m.
19	1804	–	1805 S35°19'	47"	W	56.85 m.
20	1805	–	1806 S02°12'	09"	E	84.56 m.
21	1806	–	1807 S20°56'	19"	E	96.36 m.
22	1807	–	1808 S69°39'	37"	E	72.99 m.
23	1808	–	1809 N81°41'	01"	E	85.52 m.
24	1809	–	1810 N87°37'	50"	E	54.42 m.
25	1810	–	1811 S84°29'	34"	E	96.38 m.
26	1811	–	1812 S59°16'	04"	E	55.77 m.
27	1812	–	1813 S80°32'	51"	E	89.02 m.
28	1813	–	1814 N68°57'	29"	E	54.31 m.
29	1814	–	1815 N68°59'	46"	E	76.72 m.
30	1815	–	1816 S75°40'	31"	E	61.15 m.
31	1816	–	1817 S45°00'	10"	E	70.88 m.
32	1817	–	1818 S07°02'	28"	E	74.95 m.
33	1818	–	1819 S18°44'	13"	E	60.32 m.
34	1819	–	1820 S08°23'	23"	E	140.50 m.
35	1820	–	1821 S13°51'	23"	E	96.56 m.
36	1821	–	1822 S26°00'	29"	W	74.97 m.
37	1822	–	1 S03°06'27"	E 10.39 m.,	the point of beginning,	

38 containing an area of twenty-eight thousand four hundred fifty-two (28,452) hectares.

39 PARCEL "B"

1 Note : Coordinate of Corner 1 is (UTM) 1143252.00 N and 592478.75 E

2	<u>Lines</u>	<u>Bearing</u>	<u>Distance</u>
3	1 – 2	S62°56'49"W	75.02 m.
4	2 – 3	S31°40'54"W	511.47 m.
5	3 – 4	S32°52'11"W	353.77 m.
6	4 – 5	S34°04'02"W	550.62 m.
7	5 – 6	S05°09'53" E	308.25 m.
8	6 – 7	S33°00'47" E	447.50 m.
9	7 – 8	S08°38'35"W	639.64 m.
10	8 – 9	S13°07'22"W	819.52 m.
11	9 – 10	S02°17'47"W	336.90 m.
12	10 – 11	S47°41'37" E	170.29 m.
13	11 – 12	S77°58'18" E	353.32 m.
14	12 – 13	N68°05'49" E	277.80 m.
15	13 – 14	N57°57'50" E	252.37 m.
16	14 – 15	N50°51'42" E	1047.62 m.
17	15 – 16	N34°12'14" E	1099.70 m.
18	16 – 17	N16°13'37"W	513.07 m.
19	17 – 18	N56°24'10"W	152.02 m.
20	18 – 19	N64°43'28"W	193.53 m.
21	19 – 20	N16°10'56" E	305.21 m.
22	20 – 21	N49°35'46" E	384.36 m.
23	21 – 22	N02°59'27" E	164.09 m.
24	22 – 23	N57°39'40"W	423.20 m.
25	23 – 24	N85°56'08"W	493.80 m.
26	24 – 25	N50°10'23"W	387.22 m.
27	25 – 1	N60°04'41"W	355.08 m., the point of beginning,

28 containing an area of six hundred ten (610) hectares.

29 All existing land use and resource use permits within the CCPL shall be reviewed
 30 and shall not be renewed upon their expiration unless consistent with the management
 31 plan, as provided herein, and upon approval by the Protected Area Management Board
 32 (PAMB). Moreover, areas determined as wildlife habitats and potable water sources and
 33 reservoirs shall be delineated as strict protected and special use zones, respectively, and
 34 their management and uses shall be consistent with the provisions of the respective
 35 previous executive orders, presidential proclamations and amendments establishing them.

36 SEC. 4. *Definition of Terms.* – For purposes of this Act:

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

1 (b) "Component area" shall refer to any or all of the areas previously ordered or
2 proclaimed as the Buhisan Watershed Forest Reserve, the Sudlon National Park, the
3 Central Cebu National Park, the Mananga Watershed Forest Reserve and the Kotkot-
4 Lusaran Rivers Watershed Forest Reserve, and now comprising and collectively referred
5 to as the Central Cebu Protected Landscape (CCPL).

6 (c) "Consultation" shall refer to the meeting or dialogue with concerned or affected
7 individuals and groups within and outside the CCPL designed to identify and resolve
8 issues and problems affecting them in relation to the protection, conservation and
9 sustainable development of the CCPL.

10 (d) "Critical watershed" shall refer to any or all of the watersheds of Mananga, Kotkot,
11 Lusaran and Buhisan where present or planned water supply is or will be sourced or
12 generated from; where public sector infrastructure projects are operational or will be
13 constructed; or where there is severe environmental degradation.

14 (e) "Department" shall refer to the Department of Environment and Natural
15 Resources (DENR).

16 (f) "Derivatives" shall refer to anything extracted from wild species such as, but not
17 limited to, blood, oil, saliva, musk, resin, gum, seed, spore, pollen and the like.

18 (g) "Endemic species" shall refer to species or subspecies which have limited
19 distribution often within the geographical limits of the State or specific biogeographic
20 regions.

21 (h) "Exotic species" shall refer to species or subspecies of flora and fauna which do
22 not naturally occur within the CCPL at present or in historical time.

23 (i) "Exploration" shall refer to searching or prospecting for mineral resources, as
24 defined by law, by geological, geochemical or geophysical surveys, remote sensing, test
25 pitting, trenching, drilling, shaft sinking, tunneling or any other means for the purpose of
26 determining the existence, extent, quantity and quality thereof and the feasibility of mining
27 them for profit.

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

30 (k) "Habitat" shall refer to an area inhabited by wildlife in the natural state.

31 (l) "Integrated Water Resources Management (IWRM)" shall refer to the concept
32 promoted by the Global Water Partnership (GWP) that aims to ensure the coordinated
33 development and management of water, land and related resources by maximizing
34 economic and social welfare without compromising the sustainability of vital environmental
35 systems. GWP is an international network established in 1996 open to all organizations
36 involved in water resources management; developed and developing country government
37 institutions, agencies of the United Nations, bilateral and multilateral development banks,
38 professional associations, research institutions, nongovernment organizations and the
39 private sector.

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

3 (n) "National park" shall refer to a forest reservation essentially of natural
4 wilderness character which has been withdrawn from settlement, occupancy or any form
5 of exploitation except in conformity with the approved management plan and set aside as
6 such exclusively to conserve the area or preserve the scenery, the natural and historic
7 objects, wild animals and plants therein and to provide enjoyment of these features in
8 such areas.

9 (o) "NIPAS Act" shall refer to the National Integrated Protected Areas System Act of
10 1992 or Republic Act No. 7586, and its pertinent rules and regulations.

11 (p) "Nongovernment organization (NGO)" shall refer to any social development,
12 conservation, or philanthropic, nonstock, nonprofit organization, duly registered, with its
13 own constitution and bylaws and a democratically-elected representation.

14 (q) "Nonrenewable resources" shall refer to those resources within the CCPL, the
15 natural replenishment rate of which is not known.

16 (r) "PASu" shall refer to the Protected Area Superintendent.

17 (s) "PAMB" shall refer to the Protected Area Management Board.

18 (t) "People's organization (PO)" shall refer to any organized group of people residing
19 within the CCPL formed to advance the interests of the sector it represents.

20 (u) "Protected landscape" shall refer to areas of national significance which are
21 characterized by the harmonious interaction of man and land while providing opportunities
22 for public enjoyment through recreation and tourism within the normal lifestyle and
23 economic activity of these areas; and unless the context otherwise provides, shall herein
24 refer to the CCPL.

25 (v) "Protected area (PA)" shall refer to identified portions of land and water set aside
26 by reason of their unique physical and biological significance manage to enhance
27 biological diversity and natural ecological and physical functions and processes, and
28 protected against destructive human exploitation and utilization; and unless the context
29 otherwise provides, shall herein refer to the CCPL or its component areas, namely: the
30 Buhisan Watershed Forest Reserve, the Sudlon National Park, the Central Cebu National
31 Park, the Mananga Watershed Forest Reserve and the Kotkot-Lusaran Rivers Watershed
32 Forest Reserve.

33 (w) "Quarrying" shall refer to the process of extracting, removing and disposing
34 quarry resources, as defined by law, found on or underneath the surface of private and
35 public land.

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

1 (y) "Sustainable" shall refer to the use of components of biological diversity and
2 physical attributes and functions in a way and at a rate that does not lead to the decline of
3 the species used and the diminution of functions; and not causing permanent or long-term
4 diminishment or qualitative degradation of biological species, other resources extracted or
5 disturbed, or of ecological functions, thereby maintaining its potential to meet the needs
6 and aspirations of the present and future Filipino generations.

7 (z) "Strict protection zones" shall refer to areas with high biodiversity value which
8 shall be closed to all human activity except for scientific studies and ceremonial or
9 religious use.

10 (aa) "Tenured migrants" shall refer to individuals and households within the CCPL
11 who have actually and continuously occupied such areas for five years prior to June 1,
12 1992 and are substantially dependent therein for subsistence.

13 (bb) "Watershed forest reserve" shall refer to areas such as the Buhisan Watershed
14 Forest Reserve, the Mananga Watershed Forest Reserve and the Kotkot-Lusaran Rivers
15 Watershed Forest Reserve proclaimed as such by the issuance of an executive order or a
16 presidential proclamation for purposes of protecting, maintaining or improving the water
17 yield and providing restraining mechanisms for inappropriate forest exploitation and
18 disruptive land use.

19 (cc) "Wildlife" shall refer to wild forms and varieties of flora and fauna, including
20 captive-bred fauna or propagated parts, derivatives and by-products of these species.

21 (dd) "Zones" shall refer to the divisions within the CCPL consisting of levels of
22 protection and permitted use of natural resources such as strict protection zone,
23 sustainable use zone, restoration zone and special use zone, as provided under existing
24 rules and regulations of the NIPAS.

25 ARTICLE II

26 MANAGEMENT, MANAGEMENT PLAN AND ZONING

27 SEC. 5. *Central Cebu Protected Landscape-Protected Area Management Board*
28 *(CCPL-PAMB)*. – In addition to the duties and functions enumerated in the implementing
29 rules and regulations of the NIPAS Act, the CCPL-PAMB, which shall decide by
30 consensus or majority vote, shall have the following duties and functions:

31 (a) Decide matters relating to planning, resource protection and general
32 administration of the area in accordance with the approved general management plan or
33 the watershed management plan;

34 (b) Approve proposals, work plans and guidelines for management of the CCPL in
35 accordance with the approved general management plan or the watershed management
36 plan;

37 (c) Delineate and demarcate the CCPL boundaries and management zones on the
38 ground;

1 (d) Promulgate rules and regulations to promote development programs and project
2 on biodiversity conservation, watershed management and sustainable development
3 consistent with the general management plan or the watershed management plan of the
4 PA;

5 (e) Control and regulate the construction, operation and maintenance of all facilities,
6 roads, trails, waterworks, sewerage, fire protection and sanitation system, utilities and
7 other land uses or activities within the PA;

8 (f) Monitor and evaluate the performance and activities of PA personnel in
9 accordance with their code of conduct and performance standards;

10 (g) Monitor and evaluate the activities and projects of NGOs, POs, national
11 government agencies (NGAs), local government units (LGUs), the communities and other
12 groups in providing for biodiversity conservation, sociocultural and economic development
13 and report their assessment to the DENR;

14 (h) Approve fees and charges in accordance with DAO 51, Series of 2000 and raise
15 funds for the PA;

16 (i) Manage the allocation of the Central Cebu Protected Area Fund, established in
17 Section 25 herein and other funds for the PA, ensure their proper administration and
18 render accounting;

19 (j) Recommend appropriate policy changes to the DENR and other government
20 authorities;

21 (k) Ratify all policies, procedures, guidelines and reports formulated and
22 implemented by the executive committee created under Section 10 hereof;

23 (l) Affirm all decisions made by the executive committee; and

24 (m) Reorganize the executive committee and the composition of committees in
25 the interest of the CCPL.

26 The CCPL-PAMB *en banc* shall hold regular meetings at least once every quarter.
27 In addition to actual and necessary travel and subsistence expenses incurred in the
28 performance of their duties, the CCPL-PAMB members and area council members shall
29 be entitled to term insurance coverage in attending the CCPL-PAMB meetings and other
30 PAMB activities. These expenses shall be included in the budget for the CCPL.

31 The DENR, through the Regional Executive Director (RED), shall ensure that the
32 CCPL-PAMB acts within the scope of its powers and functions. In case of conflict
33 between administrative orders issued by the DENR pursuant to the NIPAS Act and the
34 resolutions issued by the CCPL-PAMB, the DENR Secretary shall decide whether to apply
35 the rule or withdraw its application from the CCPL.

36 **SEC. 6. Composition.** – The members of the CCPL-PAMB are as follows:

37 (a) Regional Executive Director of the DENR-Region VII, as chairman;

38 (b) Provincial planning and development officer of Cebu;

39 (c) Congressional district representatives;

1 (d) The local chief executives of the cities and municipalities with territory within the
2 CCPL;

3 (f) Representatives of at least three local NGOs with stakes in the PA;

4 (g) Representatives of at least three POs based in the PA;

5 (h) Representatives from government agencies involved in the PA management as
6 may be determined by the DENR, as members

7 (i) Representative of the Metro Cebu Water District (MCWD) and a representative
8 from organized water service providers operating within the PA; and

9 (j) A representative of business or industry organizations who has an interest in
10 the sustainable management of the PA.

11 The members of the CCPL-PAMB shall be appointed by the Secretary of the DENR
12 in conformity with the provisions of the NIPAS Act. As a transitory provision, the initial
13 members of the CCPL-PAMB shall be nominated from the current members of the interim
14 PAMBs of the five component areas of the CCPL. Their nominations shall be conducted
15 in a joint meeting of the current members of the interim PAMBs duly called for the
16 purpose: *Provided, further,* That the members shall include a number of women.

17 **SEC. 7. *The Executive Committee (ExeCom).*** – In view of the large size of the
18 CCPL-PAMB, an executive committee is hereby created composed of the following:

19 (a) The DENR regional technical director for Protected Areas, Wildlife, Coastal and
20 Marine Zone Management Service (PAWCMZMS), as chairperson;

21 (b) Cebu City and Balamban mayors as co-chairs;

22 (c) Cebu provincial planning and development officer; and

23 (d) The respective chairperson and co-chairs of the different permanent committees
24 that may be created by the CCPL-PAMB.

25 **SEC. 8. *Duties and Functions of the Executive Committee.*** – The CCPL-PAMB shall
26 authorize the ExeCom to perform the following:

27 (a) Approve policies and guidelines formulated and recommended by the committees
28 based on the approved CCPL general management plan or the watershed management
29 plan which shall be ratified by the Board in a general assembly;

30 (b) Act on proposals or projects recommended by the concerned committees;

31 (c) Act on requests to conduct research or studies within the CCPL;

32 (d) Recommend to the DENR or other concerned agencies the issuance of permits,
33 leases, contracts, memoranda of agreements (MOA), tenurial instruments and other
34 agreements within the CCPL;

35 (e) Determine or cite violations and recommend sanctions against violators of
36 prohibited acts within the CCPL;

37 (f) Review and recommend for approval the CCPL
38 Fee System as formulated by the Ways and Means Committee;

1 (g) Generate funds and other resources needed for the administration and
2 development of the CCPL;

3 (h) Conduct periodic review of the CCPL general management plan or the watershed
4 management plan; and

5 (i) Perform other functions as may be delegated by the Board.

6 The ExeCom shall meet on a more frequent and periodic basis to discuss regular
7 day-to-day affairs and other matters delegated by the CCPL-PAMB.

8 SEC. 9. *Term of Office.* – Every member of the CCPL-PAMB shall serve for a term of
9 five years and shall be considered to represent his or her sector and deemed to carry the
10 vote of such sector in all matters. In the case of members who are government officials,
11 the term of office shall be attached to the office held.

12 SEC. 10. *Removal from the Office.* – A PAMB member may be removed, for
13 cause and upon majority vote, on the following grounds:

14 (a) More than three consecutive unexcused absences in regular PAMB *en banc*
15 meetings;

16 (b) Commission of any of the prohibited acts as provided in this Act, the NIPAS Act,
17 or other rules and regulations governing PAs and protected species;

18 (c) Conviction for graft and corruption; and

19 (d) Conviction of any criminal offense.

20 SEC. 11. *The Central Cebu Protected Landscape Management Office.* – The
21 Central Cebu Protected Landscape Management Office (CCPLMO) is hereby created
22 within the DENR regional office to be headed by the PASu who shall serve as the chief
23 operating DENR officer of the entire CCPL. The PASu shall report directly to the RED of
24 the DENR-Region VII and shall be accountable to the PAMB. The PASu and the PASu
25 staff shall reside within the PA and establish an office and sub-offices within the CCPL in
26 order to implement this Act.

27 The PASu shall have full responsibility for the protection of land, water, wildlife and
28 other natural physical and biological resources within the CCPL. As such, the PASu shall
29 have the following duties and responsibilities:

30 (A) Administrative

31 (1) Serve as chief administrative officer of the PA for the purpose of implementing
32 the management plan as detailed in the annual work program;

33 (2) Establish a productive partnership with the local community, including groups, in
34 the planning, protection and management of the PA;

35 (3) Ensure the performance and good morale of the staff;

36 (4) Ensure the proper utilization of annual budget allocations and the proper
37 disposition of fees and other funds generated within the PA;

38 (5) Develop and implement a park information, education and visitor program;

1 (6) Develop and implement a natural history documentation program and to oversee
2 research that may be conducted within the area;

3 (7) Integrate the roles of the NGOs and the DENR in the operation of the area; and

4 (8) Document the processes involved in the establishment and management of the
5 PA, with particular reference to the development of relationships with tenured migrants
6 and other stakeholders in establishing effective protection of the area.

7 (B)Regulatory

8 (1) To act as peace officer for the purpose of maintaining peace and order within the
9 PA. As peace officer, he shall exercise police supervision therein and may arrest any
10 person found in any place within the PA who is committing, has committed or is about to
11 commit an offense which is prohibited in this Act;

12 (2) Enforce rules and regulations established to protect the area and preserve the
13 area from trespass, damage, injury and illegal occupancy;

14 (3) Require, when necessary, any person entering or passing through any part of the
15 PA under his jurisdiction to give the following information: name, address, the proposed
16 duration of stay in the PA and the portion which he intends to visit or has visited and such
17 other information of similar nature as may be referred to him;

18 (4) Summarily remove or eject from the area persons who have rendered themselves
19 obnoxious by disorderly conduct or bad behavior or who have violated any of the
20 regulations of the PA;

21 (5) Require persons cutting or gathering forest products or hunting or fishing within
22 the PA to produce, upon demand, authority or permit to do so;

23 (6) Seize and confiscate timber or other forest products, game birds, animal and fish,
24 including instruments, tools and conveyances used inside the PA by unlicensed persons,
25 or if licensed, in violation of PA laws, rules and regulations, and to report them in
26 accordance with the present rules, regulations and guidelines issued by the Secretary
27 concerning confiscation, seizure and disposition of illegally cut, gathered and transported
28 forest products, and other natural resources and confiscated wildlife; and

29 (7) Perform such other powers and duties as may from time to time be prescribed by
30 higher authorities.

31 The PASu shall be supported by a sufficient number of personnel who shall be
32 performing day to day management, protection and administration of the PA.

33 All position titles and items of the DENR employees detailed with the PA at the time
34 of the effectivity of this Act shall be transferred to form part of the Protected Area
35 Management Unit of the CCPL.

36
37
38
39

ARTICLE III

TENURED MIGRANTS, UTILIZATION OF RESOURCES
AND OPERATION OF FACILITIES

1
2
3
4 SEC. 12. *Tenured Migrants.* – Whenever practicable, tenured migrant
5 communities of more than five households occupying contiguous lots within the CCPL
6 shall be provided tenurial rights over their current habitation sites. However, if these
7 areas are subsequently identified as crucial for conservation, tenured migrants shall be
8 offered alternative sites within the appropriate zones with preference over the land
9 resource users who are nontenured migrants: *Provided*, That provisions for their transfer
10 shall include payment of compensation or a provision of occupancy instrument to
11 alternative land and facilities of equivalent standard.

12 In all other cases, the grant of tenurial rights for tenured migrants shall take into
13 consideration the need to promote clustering and to avoid unnecessary displacement.
14 Tenured migrants granted tenurial instruments, where appropriate, shall be located in
15 appropriate management zones established for the purpose.

16 Tenured migrant status shall not be issued solely on the basis of tax declaration
17 receipts but must be supported by indisputable evidence of permanent land use from five
18 years before June 1, 1992, such as:

- 19 (a) Cultivated trees at their fruit-bearing stage;
20 (b) Physical structures in the area indicating prolonged occupancy;
21 (c) Certification from the barangay captain or any two respected members of the
22 community attesting to occupancy; and
23 (d) Other relevant data that may be accepted by the PAMB.

24 Existing land title instruments shall be reviewed by the CCPL/PLMO and endorsed
25 by the CCPL-PAMB to the DENR regional office for validation, reversion or cancellation as
26 the case may be. All persons who fail to qualify as tenured migrants including transient
27 farmers shall be allowed to gather and collect whatever they have planted within five
28 years from the effectivity of this Act. Any transfer of nontenured migrants from the CCPL
29 shall be undertaken with due humanitarian considerations. A comprehensive relocation
30 program shall be implemented as a component of the management plan.

31 SEC. 13. *Utilization of Resources.* – Use of resources derived from the CCPL
32 by tenured migrants for their domestic needs or for their subsistence shall not be
33 restricted, except for protected species or whenever detrimental to the ecosystem.
34 Livelihood activities requiring the use of these resources shall be allowed only when
35 sustainable, consistent with the approved management plan and after prior CCPL-PAMB
36 approval. In this case, natural resource products can be used for livelihood purposes
37 from established management zones where utilization for sustainable development are
38 allowed.

39 The CCPL-PAMB is authorized to impose regulatory measures such as, but not

1 limited to, infrastructure development and hunting moratoriums and other restrictions on
2 the use of resources within the CCPL to ensure the sustainability of species and
3 ecosystems: *Provided*, That these restrictions shall be made upon due consultation with
4 tenured migrants. Any exploitation of or utilization of nonrenewable resources within the
5 PA shall not be allowed. Energy projects, whether renewable or otherwise, shall be
6 permitted only through an Act of Congress, *Provided*, that the exploitation of renewable
7 energy up to three megawatts capacity shall be exempt from such requirement.

8 SEC. 14. *Existing Facilities Within the PA.* – Within sixty (60) days from the
9 effectivity of this Act, major existing facilities such as roads, buildings, water systems,
10 transmission lines, communication facilities, heavy equipment, and irrigation facilities
11 existing within the boundaries of the PA shall submit project description to the PAMB
12 through the PASu.

13 The PAMB, with the assistance of the DENR, shall determine whether the existence
14 of such facility and its future plan and operations will be detrimental to the PA or whether
15 conditions for its operation shall be imposed. If any such conditions are violated, the owner
16 of the facility shall be liable to pay a fine of Five thousand pesos (P5,000.00) for every
17 violation. Upon reaching a total fine of Five hundred thousand pesos (P500,000.00), the
18 PAMB through the PASu and deputizing other government entities, shall cause the
19 cessation and demolition of the facility at the cost of its owner.

20 Existing facilities allowed to remain within the PA may be charged a reasonable
21 royalty by the DENR. All income from such royalty shall accrue to the Mt. Hilong-Hilong
22 Protected Area Fund.

23 24 ARTICLE IV

25 PROHIBITED ACTS AND PENALTIES

26 SEC. 15. *Prohibited Acts.* – The following acts and other acts later determined
27 by the PAMB through a resolution shall be prohibited within the CCPL, in addition to the
28 prohibited acts as provided in the NIPAS Act and its pertinent rules and regulations:

29 (a) Occupation of any portion of land without a permit from the CCPL-PAMB:
30 *Provided*, That clearing, construction of residence or any introduction of improvements,
31 particularly after June 1, 1992, shall constitute *prima facie* evidence of occupancy or
32 settlement;

33 (b) Construction or maintenance of any kind of road, edifice, facility or any
34 infrastructure project without prior permit from the CCPL-PAMB: *Provided*, That no
35 CCPL-PAMB permit can be issued unless:

36 (1) The CCPL-PAMB has been fully informed of the project or undertaking and its
37 environmental consequences;

38 (2) All other legal requirements have been complied with;

1 (3) The project is consistent with the nature of the CCPL as a protected watershed
2 and biodiversity conservation area; and

3 (4) The project is in accordance and consistent with the management plan;

4 (c) Bio-prospecting, without obtaining prior CCPL-PAMB approval in accordance with
5 existing guidelines;

6 (d) Establishment or introduction of exotic species within the CCPL which are
7 detrimental to endemic species or without prior CCPL-PAMB approval;

8 (e) Hunting, collecting, catching, wounding, killing or destroying anywhere within the
9 CCPL any protected species of plant or animal, or their by-products or derivatives without
10 prior CCPL-PAMB approval;

11 (f) Cutting, gathering, collecting or removal of timber or other forest products without
12 prior CCPL-PAMB permit: *Provided*, That any permit issued shall be valid for only one
13 year at a time and given only:

14 (1) To tenured migrants for sustainable and multiple-use areas, and monitored and
15 controlled quotas; and

16 (2) For scientific purposes necessary for PA management in accordance with
17 existing guidelines;

18 (g) Exploration, exploitation or extraction, drilling or prospecting for minerals or
19 resources or engaging in quarrying within the CCPL;

20 (h) Possession or use of blasting caps or explosives anywhere within the CCPL;

21 (i) Possession or use of chain saws and band saws without a prior permit from the
22 CCPL-PAMB: *Provided*, That permits may only be issued for multiple use;

23 (j) Transporting within or outside the CCPL any protected species of plant or animal
24 or their by-product or derivatives from the CCPL without the necessary transport permit
25 from the CCPL-PAMB;

26 (k) Destroying, excavating, vandalizing or, in any manner, damaging any natural
27 formation on land, religious, spiritual, cultural, historical sites, artifacts and other objects of
28 natural or scenic value;

29 (l) Alteration, removal or destruction of boundary marks or signs;

30 (m) Engaging in kaingin or, in any manner, causing forest fires inside the CCPL;

31 (n) Introduction, disposal, dumping or causing to be dumped into the CCPL any
32 waste material including, but not limited to, non-biodegradable, toxic, nuclear, hazardous
33 and other prohibited substances; and

34 (o) Violation of any rules and regulations provided in the management plan or any
35 resolution approved by the CCPL-PAMB in the exercise of its adjudicative functions.

36 SEC. 16. *Penalties.* – The penalties, which shall accrue to the IPAF for the
37 CCPL to be imposed for any violation of Section 20 and Section 21, are the following:

38 (a) For any violation of the provisions of Section 20 hereof, a fine of not less than
39 Five thousand pesos (P5,000.00) but not more than Five hundred thousand pesos

1 (P500,000.00) and imprisonment of not less than one year but not more than six years
2 shall be imposed;

3 (b) Any provision to the contrary notwithstanding, the commission of any unlawful act
4 as provided under Section 20 and Section 21(a) herein shall carry the penalty of
5 imprisonment of six years and one day to twelve (12) years and a minimum fine of Five
6 hundred thousand pesos (P500,000.00) in addition to accessory penalties provided in the
7 immediately succeeding paragraph;

8 (c) The commission of any of the foregoing acts shall likewise carry the accessory
9 penalties of eviction from the CCPL, payment of damages for rehabilitation or restoration
10 and the forfeiture of all equipment, devices, weapons or any other instrument or tool used
11 in the commission of the offense. Any resource found in the possession of the offender
12 shall also be forfeited. Pending the outcome of the case, any resource confiscated shall
13 be immediately turned over to the CCPL-PAMB for proper disposal and the proceeds
14 thereof deposited in a trust fund. However, in no case shall any confiscated or rescued
15 protected animal species be sold or in any manner disposed of but shall be immediately
16 turned over the PASu office for release in its natural habitat. Valuation of the damage to
17 the CCPL shall take into account biodiversity and conservation considerations as well as
18 aesthetic, socioeconomic values and rehabilitation and restoration costs. Failure to
19 comply with this provision shall constitute an offense under this subsection;

20 (d) A fine of not less than One hundred thousand pesos (P100,000.00) but not more
21 than Five hundred thousand pesos (P500,000.00) and imprisonment of not less than one
22 year but not more than six years shall be imposed upon any public officer or officer of the
23 law who shall unjustly refuse or refrain from instituting prosecution or shall tolerate the
24 commission of the abovementioned offenses. Conviction of this offense shall carry the
25 accessory penalty of perpetual disqualification from public office; and

26 (e) A fine of not less than One hundred pesos (P100.00) but not more than One
27 thousand pesos (P1,000.00) or community service from one day to one week, or both,
28 shall be imposed on anyone who enters into the strict protection zone of the CCPL without
29 prior CCPL-PAMB permit.

30 SEC. 17. *Special Prosecutor and Retained Counsel.* – Within thirty (30) days
31 from the effectivity of this Act, the Department of Justice (DOJ) shall appoint a special
32 prosecutor to whom all cases of violation of laws, rules and regulations in the PA shall be
33 assigned. Such Special Prosecutor shall coordinate with the CCPL-PAMB and the PASu
34 in the performance of his/her duties and assist in the training of wardens and rangers in
35 arrest and criminal procedures. The CCPL-PAMB may retain the services of a counsel to
36 prosecute and/or assist in the prosecution of cases under the direct control and
37 supervision of the regular or special prosecutor and to defend the members of the CCPL-
38 PAMB, the PASu and the staff, or any person assisting in the protection, conservation and
39 sustainable development of the PA, against any legal action related to their powers,

1 functions and responsibilities as provided in this Act or as delegated or tasked by the
2 CCPL-PAMB.

3 ARTICLE V

4 PROCEEDS, FEES AND APPROPRIATIONS

5 SEC. 18. *Central Cebu Protected Area Fund.* – There is hereby established a
6 trust fund to be known as the Central Cebu Protected Area Fund for purposes of financing
7 projects of the CCPL. All income generated from the operation of the CCPL or
8 management of wild flora and fauna in the PA shall accrue to the fund. These income
9 shall be derived from visitors/tourists fee, fees from permitted sale and export of flora and
10 fauna and other resources from the PAs, proceeds from the registration and lease of
11 multiple-use areas, including tourism concessions, contributions from industries and
12 facilities directly benefiting from the PA, and such other fees and income derived from the
13 operation of the PA.

14 The fund may be augmented by grants, donations, endowment from various
15 sources, domestic or foreign for purposes related to their functions: *Provided*, That the
16 fund shall be deposited as a special account in the National Treasury and disbursements
17 therefrom shall be made solely for the protection, maintenance, administration and
18 management of the system, and duly approved projects endorsed by the CCPL-PAMB in
19 accordance with existing accounting and budgeting rules and regulations: *Provided*,
20 *further*, That the fund shall not be used to cover personal services expenditures.

21 The LGUs shall continue to impose and collect all other fees not enumerated herein
22 which they have traditionally collected, such as business permits, property tax, and rentals
23 of LGUs facilities. Furthermore, LGUs may charge add-ons to fees imposed by the CCPL-
24 PAMB: *Provided*, That such add-ons shall be determined based on the contribution of the
25 LGUs in the maintenance and protection of the PA.

26 SEC. 19. *Appropriations.* – The Secretary of the DENR shall immediately
27 include in the Department's program the implementation of this Act, the funding of which
28 shall be included in the annual General Appropriations Act.

29 ARTICLE VI

30 TRANSITORY AND MISCELLANEOUS PROVISIONS

31 SEC. 20. *Reporting Responsibility.* – The PASu, through the PAMB, shall
32 submit an annual accomplishment report to the Secretary of the DENR on the activities
33 undertaken in the PA.

34 SEC. 21. *Construction and Suppletory Application of Existing Laws.*

35 The provisions of this Act shall be construed liberally in favor of achieving biodiversity
36 conservation, protection and sustainable development Provisions of Republic Act No.
37 7586, otherwise known as the National Integrated Protected Areas Management Act of
38 1992 and existing forestry laws, and their corresponding rules and regulations not
39 inconsistent hereto shall have the suppletory effect in the implementation of this Act.

1 SEC. 22. *Transitory Provision.* – In order to ensure the sustainability and
2 integrity of the watersheds and water resources, the recovery and restoration of biological
3 diversity and to develop sustainable livelihood opportunities for tenured migrants, the
4 DENR shall henceforth cease to issue concessions, licenses, permits, clearances,
5 compliance documents or any other instrument that allows exploitation and utilization of
6 resources within the CCPL until the management plan shall have been put into effect.

7 SEC. 23. *Separability Clause.* – If, for any reason, any part or section of this
8 Act is declared unconstitutional or invalid, such other parts not affected thereby shall
9 remain in full force and effect.

10 SEC. 24. *Repealing Clause.* – All laws, decrees, proclamations, rules and
11 regulations inconsistent with the provisions of this Act are hereby repealed or modified
12 accordingly.

13 SEC. 25. *Effectivity Clause.* This Act shall take effect fifteen (15) days after its
14 complete publication in the *Official Gazette* or in a national newspaper of general
15 circulation available in the PA. This Act shall be translated in a dialect known in the PA by
16 the DENR within thirty (30) days from approval hereof and shall be posted for three
17 consecutive weeks in conspicuous place in the provincial, municipal and barangay halls
18 within the PA as well as in three other public places frequented by the public.

Approved,