

5 JUN -8 P4:53

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

RECEIVED BY _____

SENATE
S. B. No. 2049

Introduced by Senators Cayetano and Flavier

EXPLANATORY NOTE

Samar Island is very rich in natural resources. It has the largest remaining unfragmented tracts of lowland tropical forests in the country with an area of about 360,000 hectares: consisting of 120,000 hectares of primary forest and a large contiguous tract of secondary forest in good ecological condition. There are many caves in limestone karst, many of which are unexplored. The area is also drained by several river systems of which very little is known of the existing biological resources.

The Island is one of the centers of plant diversity in the country with 2,400 species of flowering plants, including 406 Philippine-endemic species, 40 species of which are only found in the island, and 12 of these species are listed in the World List of Threatened Species. The rare plant *Rafflesia manillana*, recorded only in Samar and four other localities in the country is categorized as endangered.

Samar Island is also an endemic Bird Area with a record of 197 bird species, 50 species of which are Philippine endemic. Among the highly threatened species found in the island include the Philippine Eagle, Philippine Hawk Eagle and the Philippine Cockatoo. Samar Island has one of the highest known populations of the Philippine Eagle in the whole archipelago.

A total of 39 species of mammals have been recorded, accounting for approximately 23% of the total count of land mammals in the country. Among these 39 species, 18 species are endemic (11 are Philippine endemic and 7 are endemic to Samar and Mindanao faunal region). Threatened species include: 2 endemic species of fruit bats (*Acedoron jubatus*, the largest bat in the world, *Eonycteris robusta*), 1 endemic species of insectivorous bat (*Hipposideros pygmaeus*), and endemic large mammals (*Sus philippensis*, Philippine Warty Pig and *Cervus mariannus*, Philippine Brown Deer). Among the murid rodents are two endemic species: the Mindanao forest rat, *Bullimus bagobus* and the Dinagat hairy-tailed rat, *Batomys russatus*. Two endemic species of squirrels are also listed: *Exillisciurus concinnus* and *Sundasciurus philippensis*. Most endemic mammals of Samar are forest-dependent.

There are 25 species of reptiles and 12 amphibians recorded so far, including 15 endemic species (10 reptiles and 5 amphibians). The reptiles include one freshwater turtle, 15 lizards and nine species of snakes, while the amphibian fauna is restricted to frogs and toads.

The rich biodiversity is threatened by widespread forest destruction. Over sixty percent (60%) of the original forest has been lost since the 1950s largely due to extensive commercial logging, encroachment and conversion of forest lands to agriculture and human settlements. In 1987, the remaining forest cover was estimated to be only around 340,000 hectares or only twenty-five percent of the island's total land area. Rapid forest destruction was blamed for the heavy flooding in 1989 which caused substantial loss of human lives and damage to property in the northeastern and eastern portion of the island.

The World Wildlife Fund lists Samar Island as a global zoo eco-region. The totality of its species and ecosystems serve as one of our life support system that greatly needs preservation and protection. We had witnessed the devastating effect of ecosystems' and critical habitats' destruction. The Ormoc tragedy is one painful experience that should never be repeated.


JUAN M. FLAVIER
Senator


COMPAÑERA PIA S. CAYETANO
Senator

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AN ACT
ESTABLISHING THE SAMAR ISLAND NATURAL PARK (SINP), SITUATED IN THE PROVINCES OF SAMAR, NORTHERN SAMAR AND EASTERN SAMAR, AS A PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE, PROVIDING FOR ITS MANAGEMENT PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND FOR OTHER PURPOSES

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

1 **Chapter I**

2 **INTRODUCTORY PROVISIONS**

3 **SECTION 1. Title.** – This Act shall be known as the "Samar Island Natural Park
4 Act of 2005".

5 **SEC. 2. Declaration of Policy.** – Considering the importance of unique biological
6 resources of Samar Island as well as its aesthetic and ecological importance, it thus
7 expedient for the State to undertake steps for its protection and preservation. It is
8 therefore declared a policy of the State to ensure the protection and preservation of
9 Samar Island, the communities, their culture and way of life therein, in accord with the
10 rhythm and harmony of nature. In so doing, the State shall ensure the protection and
11 biodiversity, sustainable and participatory development, and shall also advance and
12 protect the interests of legitimate inhabitants of the area and honor their customary
13 laws.

14 **SEC. 3. Category.** – Given the physical, natural features and socio-cultural and
15 economic importance that contribute to its valuable role as life support system for the
16 people living within and around Samar Island, the evaluation led to its establishment as
17 a "Natural Park" in accordance with Sections 3(b) and 4(h) of Republic Act 7586
18 otherwise known as the "National Integrated Protected Areas System (NIPAS) Act".

1 **SEC. 4. Scope.** – Samar Island Natural Park Protected Area and its Buffer Zone
 2 shall cover parcels of land located in the Municipalities of Lope de Vega, Silvino Lubos,
 3 Catubig, Las Navas and Mondragon in the Province of Northern Samar, the City of
 4 Calbayog and the Municipalities of San Jose de Buan, Paranas, Motlong, Jiabong,
 5 Catbalogan, San Jorge, Gandara, Matuguinao, Calbiga, Hinabangan, Pinabacdao,
 6 Marabut, Basey in the Province of Samar, and the Municipalities of Arteche, Dolores,
 7 Oras, Jipapad, Maslog, Can-Avid, Taft, Sulat, San Julian, Borongan, Maydolong,
 8 Balangkayan, Llorente, Hernani, General Mc Arthur, Quinapondan, Giporlos, Balangiga
 9 and Lawaan in the Province of Eastern Samar.

10 The Protected Area contains an aggregate area of Three hundred thirty three
 11 thousand three hundred (333,300) hectares, more or less.

12 The Samar Island Natural Park begins at a point marked “1” on the map, which is
 13 located at PRS Station “MAC-11” located at Barangay Alang-alang, Municipality of Gen.
 14 MacArthur, Province of Eastern Samar at 11°16’15.461” North Latitude, 125°29’25.137”
 15 East Longitude with bearing and distance to the succeeding points as follows:

| Corner 1 located at Barangay Roxas, Municipality of Gen. MacArthur, Province of Eastern Samar at 11°16’30.56” North Latitude, 125°28’26.04” East Longitude | | | | | | | |
|--|--|---------|-----|-----|-----|-------------------|-----------------------|
| Corner | | Bearing | | | | Distance (Meters) | A. LOCATION |
| | | N/S | Deg | Min | E/W | | |
| 1 | | N | 75 | 35 | W | 1,851.43 | A point on the ground |
| 2 | | S | 67 | 10 | W | 1,907.49 | A point on the ground |
| 3 | | N | 54 | 4 | W | 1,462.66 | A point on the ground |
| 4 | | N | 44 | 32 | E | 2,504.02 | A point on the ground |
| 5 | | N | 35 | 27 | W | 2,411.00 | A point on the ground |
| 6 | | S | 66 | 1 | W | 2,123.07 | A point on the ground |
| 7 | | N | 3 | 52 | E | 3,079.76 | A point on the ground |
| 8 | | S | 39 | 37 | W | 2,515.95 | A point on the ground |
| 9 | | S | 13 | 9 | W | 5,965.12 | A point on the ground |
| 10 | | S | 62 | 26 | E | 993.06 | A point on the ground |
| 11 | | S | 80 | 37 | W | 2,090.14 | A point on the ground |
| 12 | | N | 49 | 55 | W | 1,905.29 | A point on the ground |
| 13 | | S | 27 | 42 | W | 2,604.22 | A point on the ground |
| 14 | | S | 20 | 18 | E | 2,193.76 | A point on the ground |
| 15 | | N | 42 | 46 | E | 2,765.71 | A point on the ground |

| | | | | | | | | |
|----|--|---|----|----|---|----------|--|-----------------------|
| 16 | | S | 8 | 23 | E | 2,732.33 | | A point on the ground |
| 17 | | N | 55 | 7 | E | 5,652.32 | | A point on the ground |
| 18 | | S | 3 | 50 | W | 2,217.34 | | A point on the ground |
| 19 | | N | 46 | 31 | E | 2,504.61 | | A point on the ground |
| 20 | | S | 70 | 38 | E | 1,447.82 | | A point on the ground |
| 21 | | S | 0 | 33 | W | 2,713.20 | | A point on the ground |
| 22 | | S | 65 | 56 | W | 2,722.20 | | A point on the ground |
| 23 | | S | 61 | 7 | W | 1,211.73 | | A point on the ground |
| 24 | | S | 38 | 33 | W | 826.02 | | A point on the ground |
| 25 | | S | 13 | 7 | E | 2,018.32 | | A point on the ground |
| 26 | | S | 43 | 14 | W | 2,786.75 | | A point on the ground |
| 27 | | N | 15 | 31 | W | 4,558.07 | | A point on the ground |
| 28 | | N | 75 | 26 | W | 1,944.17 | | A point on the ground |
| 29 | | N | 46 | 42 | W | 5,592.34 | | A point on the ground |
| 30 | | N | 66 | 21 | W | 2,749.96 | | A point on the ground |
| 31 | | S | 77 | 15 | W | 1,679.00 | | A point on the ground |
| 32 | | S | 26 | 13 | W | 1,439.08 | | A point on the ground |
| 33 | | S | 67 | 36 | E | 1,608.43 | | A point on the ground |
| 34 | | S | 69 | 15 | W | 1,913.20 | | A point on the ground |
| 35 | | N | 20 | 35 | W | 951.43 | | A point on the ground |
| 36 | | S | 72 | 76 | W | 1,940.36 | | A point on the ground |
| 37 | | S | 34 | 26 | W | 1,714.59 | | A point on the ground |
| 38 | | S | 85 | 47 | W | 3,377.39 | | A point on the ground |
| 39 | | N | 23 | 58 | W | 3,663.54 | | A point on the ground |
| 40 | | N | 25 | 59 | E | 3,316.84 | | A point on the ground |
| 41 | | N | 15 | 6 | E | 1,973.42 | | A point on the ground |
| 42 | | S | 89 | 7 | E | 1,880.68 | | A point on the ground |
| 43 | | N | 32 | 14 | W | 3,303.19 | | A point on the ground |
| 44 | | N | 55 | 25 | E | 1,951.09 | | A point on the ground |
| 45 | | N | 15 | 37 | E | 3,254.89 | | A point on the ground |
| 46 | | N | 39 | 52 | W | 2,320.14 | | A point on the ground |
| 47 | | S | 81 | 11 | W | 1,411.26 | | A point on the ground |
| 48 | | S | 23 | 44 | E | 2,113.62 | | A point on the ground |
| 49 | | S | 43 | 56 | W | 1,921.39 | | A point on the ground |
| 50 | | N | 63 | 39 | W | 1,658.78 | | A point on the ground |
| 51 | | S | 50 | 10 | W | 2,880.75 | | A point on the ground |
| 52 | | N | 74 | 15 | W | 1,355.11 | | A point on the ground |
| 53 | | N | 36 | 14 | E | 1,486.31 | | A point on the ground |
| 54 | | N | 39 | 48 | W | 2,038.48 | | A point on the ground |
| 55 | | N | 14 | 48 | E | 3,432.71 | | A point on the ground |
| 56 | | N | 80 | 27 | W | 1,291.44 | | A point on the ground |

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|----|--|---|----|----|---|----------|--|------------------------------|
| 57 | | S | 8 | 41 | W | 1,398.78 | | A point on the ground |
| 58 | | S | 55 | 46 | W | 3,006.21 | | A point on the ground |
| 59 | | N | 17 | 54 | W | 1,581.71 | | A point on the ground |
| 60 | | N | 6 | 17 | E | 3,585.69 | | A point on the ground |
| 61 | | S | 86 | 43 | E | 2,125.76 | | A point on the ground |
| 62 | | N | 22 | 1 | W | 2,915.67 | | A point on the ground |
| 63 | | N | 42 | 7 | W | 2,939.54 | | A point on the ground |
| 64 | | N | 6 | 55 | W | 5,818.02 | | A point on the ground |
| 65 | | N | 0 | 22 | W | 5,100.29 | | A point on the ground |
| 66 | | N | 15 | 42 | E | 2,457.89 | | A point on the ground |
| 67 | | N | 30 | 6 | W | 3,265.99 | | A point on the ground |
| 68 | | N | 29 | 45 | E | 5,734.38 | | A point on the ground |
| 69 | | N | 19 | 54 | W | 1,960.22 | | A point on the ground |
| 70 | | N | 84 | 14 | W | 4,262.39 | | A point on the ground |
| 71 | | S | 58 | 31 | W | 2,237.12 | | A point on the ground |
| 72 | | N | 66 | 32 | W | 1,618.42 | | A point on the ground |
| 73 | | S | 69 | 44 | W | 1,065.42 | | A point on the ground |
| 74 | | N | 71 | 20 | W | 1,438.88 | | A point on the ground |
| 75 | | N | 81 | 55 | W | 1,743.94 | | A point on the ground |
| 76 | | N | 54 | 42 | W | 2,338.58 | | A point on the ground |
| 77 | | N | 10 | 21 | W | 843.27 | | A point on the ground |
| 78 | | N | 58 | 54 | E | 1,308.72 | | A point on the ground |
| 79 | | S | 83 | 28 | E | 8,627.65 | | A point on the ground |
| 80 | | N | 4 | 40 | E | 3,329.41 | | At the edge of a rocky cliff |
| 81 | | N | 14 | 58 | E | 2,576.32 | | A point on the ground |
| 82 | | N | 49 | 10 | W | 3,522.92 | | A point on the ground |
| 83 | | N | 12 | 54 | W | 2,174.65 | | A point on the ground |
| 84 | | N | 47 | 37 | E | 7,251.37 | | A point on the ground |
| 85 | | N | 15 | 4 | E | 2,673.15 | | A point on the ground |
| 86 | | N | 21 | 13 | W | 2,932.55 | | A point on the ground |
| 87 | | N | 89 | 21 | W | 2,572.98 | | A point on the ground |
| 88 | | N | 42 | 35 | W | 6,174.33 | | A point on the ground |
| 89 | | S | 53 | 11 | W | 718.10 | | A point on the ground |
| 90 | | N | 12 | 38 | W | 1,385.35 | | A point on the ground |
| 91 | | N | 27 | 10 | W | 1,657.53 | | A point on the ground |
| 92 | | N | 66 | 28 | E | 1,155.06 | | A point on the ground |
| 93 | | S | 30 | 54 | E | 2,004.76 | | A point on the ground |
| 94 | | N | 1 | 56 | E | 1,783.07 | | A point on the ground |
| 95 | | N | 39 | 17 | E | 2,818.90 | | A point on the ground |
| 96 | | N | 29 | 9 | W | 2,673.10 | | A point on the ground |
| 97 | | S | 85 | 58 | W | 879.58 | | A point on the ground |

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|-----|--|-----------|----|----|---|----------|--|-----------------------|
| 98 | | N | 22 | 38 | W | 865.40 | | A point on the ground |
| 99 | | N | 87 | 9 | E | 1,241.99 | | A point on the ground |
| 100 | | S | 49 | 57 | E | 1,383.94 | | A point on the ground |
| 101 | | S | 30 | 36 | E | 1,962.82 | | A point on the ground |
| 102 | | S | 86 | 24 | E | 970.21 | | A point on the ground |
| 103 | | N | 34 | 59 | E | 1,687.93 | | A point on the ground |
| 104 | | N | 18 | 12 | W | 1,358.19 | | A point on the ground |
| 105 | | S | 67 | 17 | W | 1,115.01 | | A point on the ground |
| 106 | | N | 20 | 36 | E | 2,232.48 | | A point on the ground |
| 107 | | S | 52 | 41 | W | 3,346.73 | | A point on the ground |
| 108 | | N | 7 | 41 | E | 2,480.43 | | A point on the ground |
| 109 | | S | 72 | 51 | W | 1,772.89 | | A point on the ground |
| 110 | | N | 54 | 43 | W | 4,040.59 | | A point on the ground |
| 111 | | S | 52 | 13 | W | 3,712.24 | | A point on the ground |
| 112 | | N | 32 | 10 | E | 3,521.41 | | A point on the ground |
| 113 | | N | 27 | 43 | W | 1,561.65 | | A point on the ground |
| 114 | | N | 48 | 46 | E | 2,051.21 | | A point on the ground |
| 115 | | N | 18 | 36 | E | 2,463.98 | | A point on the ground |
| 116 | | N | 89 | 26 | W | 3,024.71 | | A point on the ground |
| 117 | | N | 6 | 37 | W | 1,577.46 | | A point on the ground |
| 118 | | N | 71 | 55 | W | 890.83 | | A point on the ground |
| 119 | | Due North | | | | 2,335.12 | | A point on the ground |
| 120 | | N | 39 | 42 | E | 1,278.03 | | A point on the ground |
| 121 | | N | 3 | 15 | E | 1,600.29 | | A point on the ground |
| 122 | | N | 79 | 23 | W | 1,999.78 | | A point on the ground |
| 123 | | S | 68 | 14 | W | 1,823.29 | | A point on the ground |
| 124 | | N | 7 | 30 | E | 3,740.99 | | A point on the ground |
| 125 | | S | 87 | 8 | W | 1,846.67 | | A point on the ground |
| 126 | | S | 20 | 30 | W | 1,640.16 | | A point on the ground |
| 127 | | S | 4 | 59 | W | 4,873.02 | | A point on the ground |
| 128 | | S | 37 | 34 | W | 2,480.60 | | A point on the ground |
| 129 | | S | 7 | 52 | E | 1,767.97 | | A point on the ground |
| 130 | | N | 64 | 20 | E | 3,120.81 | | A point on the ground |
| 131 | | S | 44 | 59 | W | 2,909.94 | | A point on the ground |
| 132 | | N | 82 | 38 | E | 1,677.39 | | A point on the ground |
| 133 | | S | 25 | 37 | E | 1,328.96 | | A point on the ground |
| 134 | | S | 77 | 33 | W | 2,849.84 | | A point on the ground |
| 135 | | S | 8 | 55 | E | 2,923.58 | | A point on the ground |
| 136 | | S | 36 | 53 | W | 2,419.79 | | A point on the ground |
| 137 | | S | 13 | 31 | W | 1,295.55 | | A point on the ground |
| 138 | | S | 54 | 13 | E | 2,312.21 | | A point on the ground |

| | | | | | | | | |
|-----|--|-----------|----|----|---|----------|--|-----------------------|
| 139 | | S | 81 | 15 | E | 1,010.18 | | A point on the ground |
| 140 | | N | 60 | 56 | E | 3,288.43 | | A point on the ground |
| 141 | | S | 40 | 40 | W | 2,228.15 | | A point on the ground |
| 142 | | S | 19 | 15 | W | 3,579.83 | | A point on the ground |
| 143 | | S | 54 | 31 | W | 1,746.63 | | A point on the ground |
| 144 | | S | 26 | 42 | E | 1,616.41 | | A point on the ground |
| 145 | | S | 53 | 55 | W | 1,460.49 | | A point on the ground |
| 146 | | S | 10 | 57 | W | 1,752.49 | | A point on the ground |
| 147 | | N | 58 | 1 | W | 3,888.32 | | A point on the ground |
| 148 | | N | 37 | 23 | E | 3,788.86 | | A point on the ground |
| 149 | | N | 82 | 40 | W | 2,410.13 | | A point on the ground |
| 150 | | N | 13 | 57 | E | 4,146.96 | | A point on the ground |
| 151 | | N | 22 | 36 | W | 5,192.36 | | A point on the ground |
| 152 | | N | 22 | 45 | W | 2,032.55 | | A point on the ground |
| 153 | | N | 7 | 38 | E | 3,192.90 | | A point on the ground |
| 154 | | Due North | | | | 3,226.14 | | A point on the ground |
| 155 | | N | 34 | 1 | W | 5,079.24 | | A point on the ground |
| 156 | | N | 59 | 28 | E | 2,598.47 | | A point on the ground |
| 157 | | N | 37 | 6 | W | 3,005.75 | | A point on the ground |
| 158 | | N | 37 | 2 | E | 4,117.53 | | A point on the ground |
| 159 | | N | 24 | 48 | W | 3,385.14 | | A point on the ground |
| 160 | | N | 42 | 1 | W | 2,482.40 | | A point on the ground |
| 161 | | N | 64 | 48 | W | 2,671.90 | | A point on the ground |
| 162 | | S | 32 | 16 | W | 4,249.98 | | A point on the ground |
| 163 | | S | 16 | 10 | W | 3,806.35 | | A point on the ground |
| 164 | | S | 51 | 8 | W | 2,641.82 | | A point on the ground |
| 165 | | N | 69 | 20 | W | 1,744.41 | | A point on the ground |
| 166 | | N | 84 | 55 | W | 698.05 | | A point on the ground |
| 167 | | S | 11 | 40 | E | 1,192.36 | | A point on the ground |
| 168 | | N | 63 | 42 | W | 2,292.31 | | A point on the ground |
| 169 | | S | 59 | 46 | W | 1,645.41 | | A point on the ground |
| 170 | | N | 11 | 56 | W | 1,601.90 | | A point on the ground |
| 171 | | N | 39 | 28 | W | 2,708.27 | | A point on the ground |
| 172 | | N | 26 | 49 | E | 1,342.18 | | A point on the ground |
| 173 | | S | 49 | 2 | E | 2,720.55 | | A point on the ground |
| 174 | | N | 79 | 55 | E | 2,272.43 | | A point on the ground |
| 175 | | N | 4 | 44 | E | 1,849.73 | | A point on the ground |
| 176 | | N | 24 | 34 | W | 2,467.22 | | A point on the ground |
| 177 | | N | 83 | 44 | W | 4,256.63 | | A point on the ground |
| 178 | | N | 83 | 50 | W | 4,620.49 | | A point on the ground |
| 179 | | N | 10 | 5 | W | 1,373.39 | | A point on the ground |

| | | | | | | | | |
|-----|--|---|----|----|---|----------|--|-----------------------|
| 180 | | N | 76 | 10 | E | 2,303.90 | | A point on the ground |
| 181 | | N | 46 | 51 | W | 1,034.55 | | A point on the ground |
| 182 | | N | 27 | 16 | E | 1,520.17 | | A point on the ground |
| 183 | | S | 81 | 54 | W | 2,381.37 | | A point on the ground |
| 184 | | S | 33 | 1 | W | 4,833.61 | | A point on the ground |
| 185 | | N | 54 | 35 | W | 1,593.38 | | A point on the ground |
| 186 | | S | 63 | 42 | E | 1,112.00 | | A point on the ground |
| 187 | | N | 10 | 46 | W | 3,535.13 | | A point on the ground |
| 188 | | N | 73 | 49 | E | 5,823.20 | | A point on the ground |
| 189 | | N | 26 | 57 | E | 2,204.87 | | A point on the ground |
| 190 | | N | 9 | 11 | E | 4,574.52 | | A point on the ground |
| 191 | | N | 71 | 12 | E | 4,660.87 | | A point on the ground |
| 192 | | S | 57 | 14 | E | 682.23 | | A point on the ground |
| 193 | | S | 20 | 46 | W | 1,281.14 | | A point on the ground |
| 194 | | S | 55 | 49 | E | 876.06 | | A point on the ground |
| 195 | | S | 51 | 53 | W | 2,536.19 | | A point on the ground |
| 196 | | S | 28 | 29 | E | 2,657.75 | | A point on the ground |
| 197 | | S | 88 | 45 | E | 2,931.76 | | A point on the ground |
| 198 | | S | 23 | 53 | E | 2,756.47 | | A point on the ground |
| 199 | | N | 28 | 2 | E | 1,287.53 | | A point on the ground |
| 200 | | N | 11 | 58 | W | 2,324.55 | | A point on the ground |
| 201 | | N | 41 | 33 | E | 410.32 | | A point on the ground |
| 202 | | S | 50 | 38 | E | 2,617.59 | | A point on the ground |
| 203 | | S | 86 | 5 | E | 1,362.93 | | A point on the ground |
| 204 | | N | 12 | 4 | E | 3,769.87 | | A point on the ground |
| 205 | | N | 64 | 18 | E | 1,911.59 | | A point on the ground |
| 206 | | S | 20 | 16 | W | 1,047.95 | | A point on the ground |
| 207 | | S | 48 | 6 | E | 3,084.04 | | A point on the ground |
| 208 | | N | 26 | 12 | E | 2,944.56 | | A point on the ground |
| 209 | | N | 79 | 0 | E | 2,893.43 | | A point on the ground |
| 210 | | S | 13 | 57 | E | 2,881.11 | | A point on the ground |
| 211 | | S | 45 | 41 | W | 2,154.43 | | A point on the ground |
| 212 | | S | 82 | 58 | W | 3,501.59 | | A point on the ground |
| 213 | | S | 6 | 42 | W | 2,598.59 | | A point on the ground |
| 214 | | S | 44 | 30 | E | 4,396.03 | | A point on the ground |
| 215 | | N | 80 | 8 | E | 2,147.55 | | A point on the ground |
| 216 | | N | 73 | 49 | E | 3,304.59 | | A point on the ground |
| 217 | | N | 40 | 26 | W | 2,422.46 | | A point on the ground |
| 218 | | N | 23 | 28 | E | 1,138.78 | | A point on the ground |
| 219 | | S | 75 | 44 | E | 2,993.38 | | A point on the ground |
| 220 | | S | 39 | 26 | E | 2,426.61 | | A point on the ground |

| | | | | | | | | |
|-----|--|----------|----|----|---|----------|--|-------------------------------------|
| 221 | | S | 23 | 21 | E | 1,372.20 | | A point on the ground |
| 222 | | N | 67 | 52 | E | 815.67 | | A point on the ground |
| 223 | | N | 9 | 6 | E | 2,862.88 | | A point on the ground |
| 224 | | N | 83 | 3 | W | 2,283.33 | | A point on the ground |
| 225 | | N | 82 | 52 | E | 5,695.12 | | A point on the ground |
| 226 | | S | 25 | 33 | E | 1,191.82 | | A point on the ground |
| 227 | | S | 7 | 9 | W | 1,455.45 | | A point on the ground |
| 228 | | S | 14 | 4 | E | 1,742.08 | | A point on the ground |
| 229 | | N | 74 | 4 | E | 2,577.12 | | A point on the ground |
| 230 | | N | 45 | 13 | E | 1,745.26 | | A point on the ground |
| 231 | | N | 58 | 50 | W | 1,483.63 | | A point on the ground |
| 232 | | N | 1 | 48 | E | 3,811.90 | | A point on the ground |
| 233 | | N | 56 | 34 | E | 1,339.32 | | A point on the ground |
| 234 | | S | 49 | 5 | E | 5,439.93 | | A point on the ground |
| 235 | | N | 33 | 26 | E | 2,246.77 | | A point on the ground |
| 236 | | N | 60 | 44 | E | 3,774.53 | | A point on the ground |
| 237 | | S | 38 | 5 | E | 3,628.43 | | A point on the ground |
| 238 | | S | 54 | 18 | W | 1,264.71 | | A point on the ground |
| 239 | | S | 17 | 18 | E | 611.30 | | A point on the ground |
| 240 | | S | 75 | 33 | E | 1,841.63 | | A point on the ground |
| 241 | | N | 42 | 34 | E | 2,588.68 | | A point on the ground |
| 242 | | S | 79 | 41 | E | 1,536.06 | | A point on the ground |
| 243 | | S | 31 | 14 | E | 1,867.62 | | A point on the ground |
| 244 | | N | 87 | 2 | W | 1,755.25 | | A point on the ground |
| 245 | | S | 24 | 55 | E | 2,946.37 | | A point on the ground |
| 246 | | S | 18 | 6 | W | 1,455.09 | | A point on the ground |
| 247 | | S | 37 | 38 | E | 3,915.70 | | A point on the ground |
| 248 | | S | 19 | 57 | W | 2,386.86 | | A point on the ground |
| 249 | | S | 3 | 53 | E | 2,709.93 | | A point on the ground |
| 250 | | Due West | | | | 4,141.99 | | A point on the ground |
| 251 | | S | 27 | 16 | E | 3,040.59 | | A point on the ground |
| 252 | | N | 79 | 3 | E | 4,064.38 | | A point on the ground |
| 253 | | S | 23 | 24 | E | 1,907.53 | | A point on the ground |
| 254 | | S | 21 | 57 | W | 1,855.88 | | A point on the ground |
| 255 | | S | 5 | 37 | E | 5,618.47 | | A point on the ground |
| 256 | | S | 26 | 22 | E | 8,054.52 | | Boundary of A&D and Timberland area |
| 257 | | S | 55 | 55 | W | 6,205.35 | | A point on the ground |
| 258 | | S | 6 | 54 | E | 5,075.14 | | A point on the ground |
| 259 | | S | 34 | 14 | E | 2,154.28 | | A point on the ground |
| 260 | | S | 88 | 36 | E | 2,421.76 | | A point on the ground |
| 261 | | N | 69 | 19 | E | 6,369.48 | | A point on the ground |

| | | | | | | | | |
|-----|--|-----------|----|----|---|----------|--|-----------------------|
| 262 | | S | 43 | 54 | W | 4,184.08 | | A point on the ground |
| 263 | | S | 8 | 35 | E | 3,883.46 | | A point on the ground |
| 264 | | S | 42 | 7 | E | 3,931.23 | | A point on the ground |
| 265 | | N | 21 | 58 | E | 5,403.22 | | A point on the ground |
| 266 | | S | 52 | 18 | E | 3,561.16 | | A point on the ground |
| 267 | | S | 34 | 41 | W | 4,300.74 | | A point on the ground |
| 268 | | S | 3 | 36 | W | 2,832.55 | | A point on the ground |
| 269 | | S | 82 | 42 | E | 2,869.54 | | A point on the ground |
| 270 | | S | 21 | 39 | W | 6,052.66 | | A point on the ground |
| 271 | | S | 52 | 57 | E | 2,392.60 | | A point on the ground |
| 272 | | S | 55 | 49 | E | 2,564.88 | | A point on the ground |
| 273 | | S | 0 | 51 | E | 2,243.14 | | A point on the ground |
| 274 | | N | 80 | 7 | W | 3,197.78 | | A point on the ground |
| 275 | | S | 3 | 32 | W | 2,401.33 | | A point on the ground |
| 276 | | S | 37 | 31 | W | 2,830.39 | | A point on the ground |
| 277 | | S | 31 | 7 | E | 2,761.12 | | A point on the ground |
| 278 | | S | 65 | 0 | W | 3,206.87 | | A point on the ground |
| 279 | | S | 13 | 47 | W | 2,658.12 | | A point on the ground |
| 280 | | Due South | | | | 2,949.57 | | A point on the ground |
| 281 | | S | 63 | 35 | E | 1,929.40 | | A point on the ground |
| 282 | | S | 34 | 13 | E | 2,375.71 | | A point on the ground |
| 283 | | S | 26 | 45 | E | 1,822.37 | | A point on the ground |
| 284 | | N | 85 | 6 | E | 3,284.28 | | A point on the ground |
| 285 | | N | 1 | 41 | E | 983.66 | | A point on the ground |
| 286 | | N | 88 | 41 | E | 1,424.48 | | A point on the ground |
| 287 | | S | 3 | 0 | E | 1,784.36 | | A point on the ground |
| 288 | | S | 73 | 57 | W | 1,229.18 | | A point on the ground |
| 289 | | S | 57 | 11 | W | 1,477.09 | | A point on the ground |
| 290 | | S | 11 | 32 | W | 752.80 | | A point on the ground |
| 291 | | S | 30 | 42 | E | 1,785.10 | | A point on the ground |
| 292 | | S | 37 | 7 | W | 501.38 | | A point on the ground |
| 293 | | N | 75 | 19 | W | 5,547.15 | | A point on the ground |
| 294 | | N | 1 | 29 | E | 2,234.71 | | A point on the ground |
| 295 | | Due North | | | | 251.08 | | A point on the ground |
| 296 | | S | 63 | 45 | W | 2,228.58 | | A point on the ground |
| 297 | | N | 41 | 43 | W | 2,097.22 | | A point on the ground |
| 298 | | N | 26 | 11 | E | 1,301.76 | | A point on the ground |
| 299 | | N | 41 | 45 | W | 1,275.53 | | A point on the ground |
| 300 | | S | 12 | 27 | W | 2,517.74 | | A point on the ground |
| 301 | | S | 26 | 0 | E | 2,494.12 | | A point on the ground |
| 302 | | S | 40 | 2 | E | 1,603.75 | | A point on the ground |

| | | | | | | | | |
|-----|--|---|----|----|---|----------|--|-----------------------|
| 303 | | S | 53 | 52 | W | 2,661.82 | | A point on the ground |
| 304 | | N | 61 | 3 | W | 2,217.76 | | A point on the ground |
| 305 | | S | 64 | 50 | W | 774.64 | | A point on the ground |
| 306 | | N | 17 | 5 | W | 931.81 | | A point on the ground |
| 307 | | S | 29 | 35 | W | 919.12 | | A point on the ground |
| 308 | | S | 45 | 50 | E | 4,272.23 | | A point on the ground |
| 309 | | N | 3 | 58 | E | 862.42 | | A point on the ground |
| 310 | | N | 53 | 26 | W | 566.48 | | A point on the ground |
| 311 | | N | 36 | 45 | E | 1,112.86 | | A point on the ground |
| 312 | | S | 23 | 23 | E | 4,516.85 | | A point on the ground |
| 313 | | N | 40 | 2 | E | 3,293.77 | | A point on the ground |
| 314 | | S | 29 | 6 | E | 2,811.03 | | A point on the ground |
| 315 | | S | 3 | 27 | W | 1,970.10 | | A point on the ground |
| 316 | | S | 46 | 53 | E | 2,244.89 | | A point on the ground |
| 317 | | N | 19 | 26 | E | 1,271.19 | | A point on the ground |
| 318 | | N | 82 | 28 | E | 947.72 | | A point on the ground |
| 319 | | S | 11 | 24 | W | 1,065.97 | | A point on the ground |
| 320 | | S | 85 | 15 | E | 365.06 | | A point on the ground |
| 321 | | N | 12 | 53 | E | 1,891.69 | | A point on the ground |
| 322 | | N | 54 | 44 | E | 853.07 | | A point on the ground |
| 323 | | S | 47 | 15 | E | 1,446.46 | | A point on the ground |
| 324 | | S | 8 | 20 | E | 2,111.14 | | A point on the ground |
| 325 | | S | 76 | 21 | W | 1,309.78 | | A point on the ground |
| 326 | | S | 36 | 46 | W | 2,073.08 | | A point on the ground |
| 327 | | S | 43 | 4 | E | 755.96 | | A point on the ground |
| 328 | | N | 72 | 34 | E | 4,224.33 | | A point on the ground |
| 329 | | S | 22 | 50 | W | 3,269.17 | | A point on the ground |
| 330 | | N | 55 | 19 | E | 2,651.74 | | A point on the ground |
| 331 | | S | 17 | 45 | W | 1,484.70 | | A point on the ground |
| 332 | | N | 73 | 56 | W | 662.85 | | A point on the ground |
| 333 | | S | 7 | 45 | E | 682.03 | | A point on the ground |
| 334 | | S | 76 | 31 | E | 2,619.95 | | A point on the ground |
| 335 | | S | 12 | 13 | W | 2,987.49 | | A point on the ground |
| 336 | | S | 18 | 32 | E | 2,396.67 | | A point on the ground |
| 337 | | S | 64 | 46 | W | 1,373.57 | | A point on the ground |
| 338 | | S | 81 | 24 | E | 1,625.96 | | A point on the ground |
| 339 | | S | 32 | 4 | E | 3,549.89 | | A point on the ground |

- 1 The Buffer Zone of the Samar Island Natural Park contains an aggregate area of
- 2 **ONE HUNDRED TWENTY FIVE THOUSAND FOUR HUNDRED (125,400) hectares,**
- 3 more or less, and shall have the following technical description:

| Tie point is at corner 1 located at 11°49'44" North Latitude and 125°16'07" East Longitude, Center of Canhagimit Bridge | | | | | | | |
|---|---------|-----|-----|-----|----------------------|-------------|-----------------------|
| Cor- ner | BEARING | | | | Distance (meters) | B. LOCATION | |
| | N/S | Deg | Min | E/W | | | |
| 1 | S | 87 | 37 | E | 2,125.03 | | A point on the ground |
| 2 | S | 22 | 36 | W | 2,830.65 | | A point on the ground |
| 3 | S | 41 | 24 | W | 1,968.79 | | A point on the ground |
| 4 | S | 55 | 11 | E | 1,664.45 | | A point on the ground |
| 5 | S | 9 | 26 | E | 2,428.74 | | A point on the ground |
| 6 | S | 2 | 18 | W | 2,183.33 | | A point on the ground |
| 7 | S | 84 | 17 | W | 2,194.91 | | A point on the ground |
| 8 | S | 69 | 13 | W | 1,913.35 | | A point on the ground |
| 9 | S | 17 | 26 | W | 3,930.68 | | A point on the ground |
| 10 | S | 13 | 57 | E | 1,012.69 | | A point on the ground |
| 11 | S | 79 | 6 | W | 1,637.29 | | A point on the ground |
| 12 | S | 68 | 16 | W | 1,665.06 | | A point on the ground |
| 13 | N | 37 | 55 | W | 2,917.99 | | A point on the ground |
| 14 | N | 13 | 57 | W | 2,025.38 | | A point on the ground |
| 15 | N | 75 | 17 | W | 1,443.48 | | A point on the ground |
| 16 | N | 27 | 15 | W | 863.45 | | A point on the ground |
| 17 | N | 21 | 11 | E | 1,087.90 | | A point on the ground |
| 18 | N | 69 | 5 | W | 4,289.04 | | A point on the ground |
| 19 | S | 43 | 21 | W | 2,030.34 | | A point on the ground |
| 20 | S | 77 | 27 | W | 1,988.70 | | A point on the ground |
| 21 | N | 76 | 7 | W | 1,656.76 | | A point on the ground |
| 22 | S | 36 | 52 | W | 1,767.74 | | A point on the ground |
| 23 | S | 75 | 0 | W | 2,857.64 | | A point on the ground |
| 24 | N | 70 | 15 | W | 3,901.49 | | A point on the ground |
| 25 | N | 8 | 38 | W | 3,045.10 | | A point on the ground |
| 26 | N | 39 | 20 | W | 1,389.32 | | A point on the ground |
| 27 | N | 19 | 44 | E | 6,007.33 | | A point on the ground |
| 28 | S | 21 | 10 | E | 4,447.91 | | A point on the ground |
| 29 | N | 14 | 2 | W | 7,632.34 | | A point on the ground |
| 30 | S | 75 | 55 | W | 2,532.10 | | A point on the ground |
| 31 | S | 80 | 57 | W | 2,548.60 | | A point on the ground |
| 32 | N | 2 | 55 | E | 3,537.92 | | A point on the ground |
| 33 | N | 66 | 3 | W | 3,551.37 | | A point on the ground |

| | | | | | | |
|----|-----------|----|----|---|----------|---|
| 34 | N | 87 | 57 | W | 849.57 | A point on the ground |
| 35 | N | 25 | 19 | E | 1,699.83 | A point on the ground |
| 36 | N | 21 | 26 | W | 2,409.03 | A point on the ground |
| 37 | N | 21 | 38 | E | 2,710.74 | A point on the ground |
| 38 | N | 37 | 51 | W | 2,372.73 | A point on the ground |
| 39 | N | 9 | 28 | W | 2,958.79 | A point on the ground |
| 40 | N | 10 | 51 | W | 4,035.18 | A point on the ground |
| 41 | N | 1 | 21 | W | 5,224.49 | A point on the ground |
| 42 | N | 17 | 29 | E | 2,416.34 | A point on the ground |
| 43 | N | 36 | 0 | W | 2,011.97 | A point on the ground |
| 44 | N | 13 | 52 | W | 1,645.49 | A point on the ground |
| 45 | N | 30 | 20 | E | 6,053.36 | A point on the ground |
| 46 | N | 60 | 23 | W | 3,415.82 | At the edge of a rocky cliff |
| 47 | S | 42 | 56 | W | 755.65 | At the edge of a rocky cliff |
| 48 | S | 61 | 20 | W | 897.39 | At the edge of a rocky cliff |
| 49 | S | 67 | 27 | W | 721.50 | At the edge of a rocky cliff |
| 50 | N | 79 | 34 | W | 677.65 | At the edge of a rocky cliff |
| 51 | N | 67 | 34 | W | 884.94 | At the edge of a rocky cliff |
| 52 | S | 79 | 21 | W | 832.16 | At the edge of a rocky cliff |
| 53 | N | 85 | 52 | W | 425.19 | At the edge of a rocky cliff |
| 54 | N | 70 | 40 | W | 834.71 | At the edge of a rocky cliff |
| 55 | N | 67 | 21 | W | 558.05 | On the north bank of Palaspas Creek |
| 56 | S | 75 | 49 | W | 999.74 | At the edge of a rocky cliff |
| 57 | Due North | | | | 214.68 | At the edge of a rocky cliff |
| 58 | S | 68 | 41 | W | 422.68 | On the north bank of Macanog Creek |
| 59 | N | 40 | 48 | W | 324.62 | On the north bank of Macabacod Creek |
| 60 | N | 80 | 25 | W | 552.97 | At the edge of a rocky cliff |
| 61 | N | 63 | 7 | W | 815.12 | At the edge of a rocky cliff |
| 62 | N | 36 | 29 | W | 458.52 | At the edge of a rocky cliff |
| 63 | N | 22 | 20 | W | 398.58 | On the north edge of logging trail |
| 64 | N | 42 | 38 | W | 626.28 | Near edge of rock cliff |
| 65 | N | 78 | 32 | W | 463.58 | Near edge of rock cliff |
| 66 | N | 47 | 20 | W | 453.22 | On the north side of logging trail |
| 67 | N | 33 | 19 | E | 551.49 | At the edge of a rocky forest |
| 68 | N | 33 | 18 | E | 220.59 | On the east side of a logging trail/ edge of a rocky forest |
| 69 | N | 4 | 20 | E | 801.13 | Near edge of cliff and rocky land |
| 70 | N | 80 | 24 | E | 1,290.11 | Corner 9 A & D Block 1 Samar LC Proj. 36 Wright LC 1182 |
| 71 | N | 87 | 20 | E | 6,639.95 | A point on the ground |
| 72 | N | 16 | 19 | E | 3,553.84 | A point on the ground |

| | | | | | | | | |
|-----|--|-----------|----|----|---|----------|--|-----------------------|
| 73 | | N | 34 | 11 | W | 4,529.96 | | A point on the ground |
| 74 | | N | 31 | 39 | W | 288.68 | | A point on the ground |
| 75 | | N | 13 | 49 | E | 1,898.60 | | A point on the ground |
| 76 | | N | 35 | 7 | E | 3,945.09 | | A point on the ground |
| 77 | | N | 58 | 38 | E | 2,658.37 | | A point on the ground |
| 78 | | N | 29 | 56 | E | 1,879.47 | | A point on the ground |
| 79 | | N | 13 | 28 | W | 2,084.87 | | A point on the ground |
| 80 | | S | 81 | 19 | W | 1,837.11 | | A point on the ground |
| 81 | | N | 47 | 13 | W | 3,300.65 | | A point on the ground |
| 82 | | N | 31 | 34 | W | 2,487.62 | | A point on the ground |
| 83 | | S | 80 | 23 | W | 2,210.10 | | A point on the ground |
| 84 | | N | 20 | 58 | W | 2,961.17 | | A point on the ground |
| 85 | | N | 3 | 7 | E | 2,769.37 | | A point on the ground |
| 86 | | N | 22 | 35 | E | 4,725.59 | | A point on the ground |
| 87 | | N | 12 | 35 | W | 1,668.40 | | A point on the ground |
| 88 | | N | 36 | 2 | W | 2,469.27 | | A point on the ground |
| 89 | | N | 50 | 40 | W | 2,424.51 | | A point on the ground |
| 90 | | S | 21 | 29 | W | 495.33 | | A point on the ground |
| 91 | | S | 59 | 21 | W | 4,219.86 | | A point on the ground |
| 92 | | S | 35 | 33 | W | 1,925.80 | | A point on the ground |
| 93 | | S | 11 | 17 | W | 2,318.50 | | A point on the ground |
| 94 | | S | 33 | 18 | W | 3,308.06 | | A point on the ground |
| 95 | | S | 11 | 8 | E | 2,348.65 | | A point on the ground |
| 96 | | S | 50 | 55 | W | 1,949.48 | | A point on the ground |
| 97 | | N | 59 | 33 | W | 5,336.04 | | A point on the ground |
| 98 | | N | 3 | 53 | E | 3,141.09 | | A point on the ground |
| 99 | | Due North | | | | 2,826.69 | | A point on the ground |
| 100 | | N | 18 | 31 | E | 3,337.14 | | A point on the ground |
| 101 | | N | 25 | 51 | W | 2,219.41 | | A point on the ground |
| 102 | | N | 39 | 49 | W | 3,400.69 | | A point on the ground |
| 103 | | N | 21 | 38 | W | 2,049.57 | | A point on the ground |
| 104 | | N | 2 | 40 | W | 2,583.75 | | A point on the ground |
| 105 | | N | 21 | 34 | W | 3,535.47 | | A point on the ground |
| 106 | | N | 11 | 53 | W | 3,516.93 | | A point on the ground |
| 107 | | N | 31 | 40 | E | 3,861.69 | | A point on the ground |
| 108 | | N | 26 | 32 | W | 2,164.03 | | A point on the ground |
| 109 | | N | 34 | 6 | E | 2,967.62 | | A point on the ground |
| 110 | | N | 41 | 9 | W | 1,836.82 | | A point on the ground |
| 111 | | Due North | | | | 1,997.15 | | A point on the ground |
| 112 | | N | 52 | 31 | W | 2,475.25 | | A point on the ground |
| 113 | | S | 23 | 11 | W | 2,305.86 | | A point on the ground |

| | | | | | | |
|-----|-----------|----|----|---|----------|-----------------------|
| 114 | S | 28 | 24 | W | 2,863.28 | A point on the ground |
| 115 | Due South | | | | 2,089.33 | A point on the ground |
| 116 | S | 55 | 0 | W | 3,212.05 | A point on the ground |
| 117 | S | 74 | 5 | W | 2,012.53 | A point on the ground |
| 118 | N | 82 | 23 | W | 2,562.14 | A point on the ground |
| 119 | S | 78 | 18 | W | 2,717.59 | A point on the ground |
| 120 | N | 39 | 24 | W | 2,188.64 | A point on the ground |
| 121 | N | 29 | 18 | W | 4,194.66 | A point on the ground |
| 122 | N | 42 | 22 | E | 1,661.79 | A point on the ground |
| 123 | N | 68 | 53 | W | 4,275.67 | A point on the ground |
| 124 | S | 88 | 33 | W | 2,328.33 | A point on the ground |
| 125 | S | 82 | 15 | W | 2,257.86 | A point on the ground |
| 126 | N | 26 | 51 | W | 2,136.51 | A point on the ground |
| 127 | N | 29 | 25 | W | 1,412.04 | A point on the ground |
| 128 | N | 10 | 23 | W | 1,499.72 | A point on the ground |
| 129 | N | 53 | 43 | E | 3,265.03 | A point on the ground |
| 130 | N | 74 | 54 | E | 5,636.07 | A point on the ground |
| 131 | N | 1 | 6 | W | 2,981.04 | A point on the ground |
| 132 | N | 3 | 37 | E | 4,371.57 | A point on the ground |
| 133 | N | 70 | 56 | E | 1,406.95 | A point on the ground |
| 134 | N | 66 | 4 | E | 2,116.27 | A point on the ground |
| 135 | N | 69 | 28 | E | 2,097.57 | A point on the ground |
| 136 | S | 89 | 57 | E | 1,963.64 | A point on the ground |
| 137 | S | 36 | 9 | E | 1,637.37 | A point on the ground |
| 138 | S | 20 | 53 | E | 2,368.49 | A point on the ground |
| 139 | S | 42 | 36 | W | 1,417.09 | A point on the ground |
| 140 | S | 57 | 3 | E | 791.76 | A point on the ground |
| 141 | N | 80 | 36 | E | 1,684.67 | A point on the ground |
| 142 | S | 65 | 39 | E | 2,387.36 | A point on the ground |
| 143 | N | 34 | 32 | E | 3,840.33 | A point on the ground |
| 144 | S | 68 | 53 | E | 2,817.31 | A point on the ground |
| 145 | N | 63 | 29 | E | 3,850.11 | A point on the ground |
| 146 | S | 88 | 43 | E | 2,780.14 | A point on the ground |
| 147 | S | 39 | 19 | E | 715.02 | A point on the ground |
| 148 | S | 10 | 4 | W | 1,903.50 | A point on the ground |
| 149 | S | 19 | 49 | E | 1,959.73 | A point on the ground |
| 150 | S | 44 | 32 | W | 1,292.82 | A point on the ground |
| 151 | S | 47 | 10 | W | 2,349.36 | A point on the ground |
| 152 | S | 85 | 20 | W | 1,879.85 | A point on the ground |
| 153 | S | 13 | 26 | W | 1,042.37 | A point on the ground |
| 154 | S | 38 | 11 | E | 2,932.29 | A point on the ground |

| | | | | | | |
|-----|---|----|----|---|-----------|-----------------------|
| 155 | N | 73 | 59 | E | 2,892.91 | A point on the ground |
| 156 | N | 26 | 38 | W | 1,684.49 | A point on the ground |
| 157 | N | 64 | 22 | E | 1,206.80 | A point on the ground |
| 158 | S | 81 | 9 | E | 3,394.80 | A point on the ground |
| 159 | N | 58 | 41 | E | 3,961.41 | A point on the ground |
| 160 | S | 63 | 3 | E | 1,830.56 | A point on the ground |
| 161 | S | 78 | 31 | E | 1,541.86 | A point on the ground |
| 162 | N | 72 | 37 | E | 2,058.09 | A point on the ground |
| 163 | N | 44 | 31 | E | 1,508.33 | A point on the ground |
| 164 | N | 37 | 50 | W | 2,217.24 | A point on the ground |
| 165 | N | 69 | 16 | E | 2,778.28 | A point on the ground |
| 166 | S | 55 | 0 | E | 2,730.36 | A point on the ground |
| 167 | S | 79 | 47 | E | 1,381.77 | A point on the ground |
| 168 | S | 11 | 9 | E | 2,348.58 | A point on the ground |
| 169 | N | 55 | 39 | E | 2,451.68 | A point on the ground |
| 170 | N | 45 | 57 | E | 4,201.22 | A point on the ground |
| 171 | S | 41 | 0 | E | 3,825.11 | A point on the ground |
| 172 | N | 64 | 30 | E | 1,572.87 | A point on the ground |
| 173 | S | 79 | 48 | E | 2,763.59 | A point on the ground |
| 174 | S | 39 | 51 | E | 3,918.91 | A point on the ground |
| 175 | S | 47 | 41 | W | 1,919.08 | A point on the ground |
| 176 | S | 18 | 6 | W | 3,201.19 | A point on the ground |
| 177 | S | 71 | 43 | E | 10,253.70 | A point on the ground |
| 178 | S | 79 | 10 | W | 6,246.53 | A point on the ground |
| 179 | S | 18 | 57 | W | 1,949.79 | A point on the ground |
| 180 | S | 8 | 16 | E | 2,328.30 | A point on the ground |
| 181 | S | 46 | 46 | E | 1,702.90 | A point on the ground |
| 182 | S | 9 | 22 | W | 2,585.13 | A point on the ground |
| 183 | S | 9 | 32 | E | 1,837.86 | A point on the ground |
| 184 | S | 5 | 54 | E | 5,652.06 | A point on the ground |
| 185 | S | 33 | 25 | E | 5,885.80 | A point on the ground |
| 186 | S | 2 | 37 | W | 1,291.88 | A point on the ground |
| 187 | S | 13 | 1 | E | 3,373.50 | A point on the ground |
| 188 | S | 61 | 40 | W | 583.95 | A point on the ground |
| 189 | S | 77 | 3 | W | 5,369.60 | A point on the ground |
| 190 | S | 7 | 36 | E | 3,688.21 | A point on the ground |
| 191 | S | 39 | 55 | E | 1,841.29 | A point on the ground |
| 192 | N | 70 | 15 | E | 7,937.80 | A point on the ground |
| 193 | S | 46 | 41 | E | 1,207.57 | A point on the ground |
| 194 | S | 22 | 1 | E | 2,186.29 | A point on the ground |
| 195 | S | 53 | 47 | W | 4,271.98 | A point on the ground |

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|-----|---|----|----|---|----------|---------------------------------------|
| 196 | S | 4 | 31 | W | 2,650.85 | Corner 145 Project 31 Block G LC-2827 |
| 197 | S | 65 | 57 | E | 1,127.56 | A point on the ground |
| 198 | N | 46 | 39 | E | 5,154.54 | A point on the ground |
| 199 | S | 41 | 17 | E | 4,410.57 | A point on the ground |
| 200 | S | 15 | 38 | W | 1,340.60 | A point on the ground |
| 201 | S | 38 | 41 | W | 2,127.59 | A point on the ground |
| 202 | S | 29 | 23 | W | 2,893.43 | A point on the ground |
| 203 | S | 82 | 2 | E | 3,515.89 | A point on the ground |
| 204 | S | 20 | 15 | E | 1,931.27 | A point on the ground |
| 205 | S | 49 | 28 | W | 2,983.77 | A point on the ground |
| 206 | S | 6 | 15 | W | 2,194.90 | A point on the ground |
| 207 | S | 70 | 26 | E | 1,736.16 | A point on the ground |
| 208 | S | 19 | 7 | E | 1,300.07 | A point on the ground |
| 209 | S | 86 | 46 | E | 1,061.60 | A point on the ground |
| 210 | S | 32 | 44 | E | 2,189.36 | A point on the ground |
| 211 | S | 14 | 12 | W | 3,804.67 | A point on the ground |
| 212 | S | 74 | 17 | W | 1,824.10 | A point on the ground |
| 213 | N | 72 | 58 | W | 1,774.63 | A point on the ground |
| 214 | S | 16 | 31 | W | 2,757.19 | A point on the ground |
| 215 | S | 18 | 59 | E | 4,579.42 | A point on the ground |
| 216 | S | 71 | 6 | W | 3,616.79 | A point on the ground |
| 217 | S | 5 | 53 | E | 2,995.66 | A point on the ground |
| 218 | S | 59 | 52 | E | 1,839.11 | A point on the ground |
| 219 | S | 24 | 20 | E | 2,729.55 | A point on the ground |
| 220 | N | 60 | 24 | E | 2,681.18 | A point on the ground |
| 221 | S | 81 | 45 | E | 2,756.03 | A point on the ground |
| 222 | S | 10 | 4 | E | 4,024.31 | A point on the ground |
| 223 | S | 74 | 6 | W | 2,141.75 | A point on the ground |
| 224 | S | 5 | 10 | W | 3,980.14 | A point on the ground |
| 225 | S | 88 | 35 | W | 4,699.26 | A point on the ground |
| 226 | S | 72 | 57 | W | 4,280.94 | A point on the ground |
| 227 | S | 55 | 33 | E | 4,120.01 | A point on the ground |
| 228 | S | 41 | 2 | E | 3,051.51 | A point on the ground |
| 229 | S | 85 | 43 | E | 4,438.28 | A point on the ground |
| 230 | S | 40 | 25 | E | 4,917.44 | A point on the ground |
| 231 | S | 25 | 33 | W | 1,260.99 | A point on the ground |
| 232 | S | 29 | 58 | E | 5,173.35 | A point on the ground |
| 233 | S | 70 | 2 | E | 7,973.07 | A point on the ground |
| 234 | N | 88 | 29 | E | 3,761.21 | A point on the ground |
| 235 | S | 4 | 57 | W | 2,745.27 | A point on the ground |
| 236 | S | 16 | 25 | E | 1,728.65 | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 237 | S | 64 | 35 | W | 503.19 | | A point on the ground |
| 238 | N | 45 | 29 | W | 3,280.70 | | A point on the ground |
| 239 | N | 64 | 39 | W | 5,004.09 | | A point on the ground |
| 240 | S | 63 | 52 | W | 4,690.86 | | A point on the ground |
| 241 | S | 29 | 49 | E | 4,953.46 | | A point on the ground |
| 242 | N | 87 | 37 | W | 2,125.03 | | A point on the ground |
| 243 | N | 32 | 4 | W | 3,549.89 | | A point on the ground |
| 244 | N | 81 | 24 | W | 1,625.96 | | A point on the ground |
| 245 | N | 64 | 46 | E | 1,373.57 | | A point on the ground |
| 246 | N | 18 | 32 | W | 2,396.67 | | A point on the ground |
| 247 | N | 12 | 13 | E | 2,987.49 | | A point on the ground |
| 248 | N | 76 | 31 | W | 2,619.95 | | A point on the ground |
| 249 | N | 7 | 45 | W | 682.03 | | A point on the ground |
| 250 | S | 73 | 56 | E | 662.85 | | A point on the ground |
| 251 | N | 17 | 45 | E | 1,484.70 | | A point on the ground |
| 252 | S | 55 | 19 | W | 2,651.74 | | A point on the ground |
| 253 | N | 22 | 50 | E | 3,269.17 | | A point on the ground |
| 254 | S | 72 | 34 | W | 4,224.33 | | A point on the ground |
| 255 | N | 43 | 4 | W | 755.96 | | A point on the ground |
| 256 | N | 36 | 46 | E | 2,073.08 | | A point on the ground |
| 257 | N | 76 | 21 | E | 1,309.78 | | A point on the ground |
| 258 | N | 8 | 20 | W | 2,111.14 | | A point on the ground |
| 259 | N | 47 | 15 | W | 1,446.46 | | A point on the ground |
| 260 | S | 54 | 44 | W | 853.07 | | A point on the ground |
| 261 | S | 12 | 53 | W | 1,891.69 | | A point on the ground |
| 262 | N | 85 | 15 | W | 365.06 | | A point on the ground |
| 263 | N | 11 | 24 | E | 1,065.97 | | A point on the ground |
| 264 | S | 82 | 28 | W | 947.72 | | A point on the ground |
| 265 | S | 19 | 26 | W | 1,271.19 | | A point on the ground |
| 266 | N | 46 | 53 | W | 2,244.89 | | A point on the ground |
| 267 | N | 3 | 27 | E | 1,970.10 | | A point on the ground |
| 268 | N | 29 | 6 | W | 2,811.03 | | A point on the ground |
| 269 | S | 40 | 2 | W | 3,293.77 | | A point on the ground |
| 270 | N | 23 | 23 | W | 4,516.85 | | A point on the ground |
| 271 | S | 36 | 45 | W | 1,112.86 | | A point on the ground |
| 272 | S | 53 | 26 | E | 566.48 | | A point on the ground |
| 273 | S | 3 | 58 | W | 862.42 | | A point on the ground |
| 274 | N | 45 | 50 | W | 4,272.23 | | A point on the ground |
| 275 | N | 29 | 35 | E | 919.12 | | A point on the ground |
| 276 | S | 17 | 5 | E | 931.81 | | A point on the ground |
| 277 | N | 64 | 5 | E | 774.64 | | A point on the ground |

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|-----|-----------|----|----|---|----------|--|-----------------------|
| 278 | S | 61 | 3 | E | 2,217.76 | | A point on the ground |
| 279 | N | 53 | 52 | E | 2,661.82 | | A point on the ground |
| 280 | N | 40 | 2 | W | 1,603.75 | | A point on the ground |
| 281 | N | 26 | 0 | W | 2,494.12 | | A point on the ground |
| 282 | N | 12 | 27 | E | 2,517.74 | | A point on the ground |
| 283 | S | 41 | 45 | E | 1,275.53 | | A point on the ground |
| 284 | S | 26 | 11 | W | 1,301.76 | | A point on the ground |
| 285 | S | 41 | 43 | E | 2,097.22 | | A point on the ground |
| 286 | N | 63 | 45 | E | 2,228.58 | | A point on the ground |
| 287 | S | 0 | 4 | E | 215.08 | | A point on the ground |
| 288 | S | 1 | 29 | W | 2,243.71 | | A point on the ground |
| 289 | S | 75 | 19 | E | 5,547.15 | | A point on the ground |
| 290 | N | 37 | 7 | E | 501.38 | | A point on the ground |
| 291 | N | 30 | 42 | W | 1,785.10 | | A point on the ground |
| 292 | N | 11 | 32 | E | 752.80 | | A point on the ground |
| 293 | N | 57 | 11 | E | 1,477.09 | | A point on the ground |
| 294 | N | 73 | 57 | E | 1,229.18 | | A point on the ground |
| 295 | N | 3 | 0 | W | 1,784.36 | | A point on the ground |
| 296 | S | 88 | 41 | W | 1,424.48 | | A point on the ground |
| 297 | S | 1 | 41 | W | 983.66 | | A point on the ground |
| 298 | S | 85 | 6 | W | 3,284.28 | | A point on the ground |
| 299 | N | 26 | 45 | W | 1,822.37 | | A point on the ground |
| 300 | N | 34 | 13 | W | 2,375.71 | | A point on the ground |
| 301 | N | 63 | 35 | W | 1,929.40 | | A point on the ground |
| 302 | Due South | | | | 2,949.57 | | A point on the ground |
| 303 | N | 13 | 47 | E | 2,658.12 | | A point on the ground |
| 304 | N | 65 | 0 | E | 3,206.87 | | A point on the ground |
| 305 | N | 31 | 7 | W | 2,761.12 | | A point on the ground |
| 306 | N | 37 | 31 | E | 2,830.39 | | A point on the ground |
| 307 | N | 3 | 32 | E | 2,401.33 | | A point on the ground |
| 308 | S | 80 | 7 | E | 3,197.78 | | A point on the ground |
| 309 | N | 0 | 51 | W | 2,243.14 | | A point on the ground |
| 310 | N | 55 | 49 | W | 2,564.88 | | A point on the ground |
| 311 | N | 52 | 57 | W | 2,392.60 | | A point on the ground |
| 312 | N | 21 | 39 | E | 6,052.66 | | A point on the ground |
| 313 | N | 82 | 42 | W | 2,869.54 | | A point on the ground |
| 314 | N | 3 | 36 | E | 2,832.55 | | A point on the ground |
| 315 | N | 34 | 41 | E | 4,300.74 | | A point on the ground |
| 316 | N | 52 | 18 | W | 3,561.16 | | A point on the ground |
| 317 | S | 21 | 58 | W | 5,403.22 | | A point on the ground |
| 318 | N | 42 | 7 | W | 3,931.23 | | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 319 | N | 8 | 35 | W | 3,883.46 | | A point on the ground |
| 320 | N | 43 | 54 | E | 4,184.08 | | A point on the ground |
| 321 | S | 69 | 19 | W | 6,369.48 | | A point on the ground |
| 322 | N | 88 | 36 | W | 2,421.76 | | A point on the ground |
| 323 | N | 34 | 14 | W | 2,154.28 | | A point on the ground |
| 324 | N | 6 | 54 | W | 5,075.14 | | A point on the ground |
| 325 | N | 55 | 55 | E | 6,205.35 | | A point on the ground |
| 326 | N | 26 | 22 | W | 8,054.52 | | A point on the ground |
| 327 | N | 5 | 37 | W | 5,618.47 | | A point on the ground |
| 328 | N | 21 | 57 | E | 1,855.88 | | A point on the ground |
| 329 | N | 23 | 24 | W | 1,907.53 | | A point on the ground |
| 330 | S | 79 | 3 | W | 4,064.38 | | A point on the ground |
| 331 | N | 27 | 16 | W | 3,040.59 | | A point on the ground |
| 332 | N | 89 | 57 | E | 4,141.99 | | A point on the ground |
| 333 | N | 3 | 53 | W | 2,709.93 | | A point on the ground |
| 334 | N | 19 | 57 | E | 2,386.86 | | A point on the ground |
| 335 | N | 37 | 38 | W | 3,915.70 | | A point on the ground |
| 336 | N | 18 | 6 | E | 1,455.09 | | A point on the ground |
| 337 | N | 24 | 55 | W | 2,946.37 | | A point on the ground |
| 338 | S | 87 | 2 | E | 1,755.25 | | A point on the ground |
| 339 | N | 31 | 14 | W | 1,867.62 | | A point on the ground |
| 340 | N | 79 | 41 | W | 1,536.06 | | A point on the ground |
| 341 | S | 42 | 34 | W | 2,588.68 | | A point on the ground |
| 342 | N | 75 | 33 | W | 1,841.63 | | A point on the ground |
| 343 | N | 17 | 18 | W | 611.30 | | A point on the ground |
| 344 | N | 54 | 18 | E | 1,264.71 | | A point on the ground |
| 345 | N | 38 | 5 | W | 3,628.43 | | A point on the ground |
| 346 | S | 60 | 44 | W | 3,774.53 | | A point on the ground |
| 347 | S | 33 | 26 | W | 2,246.77 | | A point on the ground |
| 348 | N | 49 | 5 | W | 5,439.93 | | A point on the ground |
| 349 | S | 56 | 34 | W | 1,339.32 | | A point on the ground |
| 350 | S | 1 | 48 | W | 3,811.90 | | A point on the ground |
| 351 | S | 58 | 50 | E | 1,483.63 | | A point on the ground |
| 352 | S | 45 | 13 | W | 1,745.26 | | A point on the ground |
| 353 | S | 74 | 4 | W | 2,577.12 | | A point on the ground |
| 354 | N | 14 | 4 | W | 1,742.08 | | A point on the ground |
| 355 | N | 7 | 9 | E | 1,455.45 | | A point on the ground |
| 356 | N | 25 | 33 | W | 1,191.82 | | A point on the ground |
| 357 | S | 82 | 52 | W | 5,695.12 | | A point on the ground |
| 358 | S | 83 | 3 | E | 2,283.33 | | A point on the ground |
| 359 | S | 9 | 6 | W | 2,862.88 | | A point on the ground |

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|-----|---|----|----|---|----------|-----------------------|
| 360 | S | 67 | 52 | W | 815.67 | A point on the ground |
| 361 | N | 23 | 21 | W | 1,372.20 | A point on the ground |
| 362 | N | 39 | 26 | W | 2,426.61 | A point on the ground |
| 363 | N | 75 | 44 | W | 2,993.38 | A point on the ground |
| 364 | S | 23 | 28 | W | 1,138.78 | A point on the ground |
| 365 | S | 40 | 26 | E | 2,422.46 | A point on the ground |
| 366 | S | 73 | 49 | W | 3,304.59 | A point on the ground |
| 367 | S | 80 | 8 | W | 2,147.55 | A point on the ground |
| 368 | N | 44 | 30 | W | 4,396.03 | A point on the ground |
| 369 | N | 6 | 42 | E | 2,598.59 | A point on the ground |
| 370 | N | 82 | 58 | E | 3,501.59 | A point on the ground |
| 371 | N | 45 | 41 | E | 2,154.43 | A point on the ground |
| 372 | N | 13 | 57 | W | 2,881.11 | A point on the ground |
| 373 | S | 79 | 0 | W | 2,893.43 | A point on the ground |
| 374 | S | 26 | 12 | W | 2,944.56 | A point on the ground |
| 375 | N | 48 | 6 | W | 3,084.04 | A point on the ground |
| 376 | N | 20 | 16 | E | 1,047.95 | A point on the ground |
| 377 | S | 64 | 18 | W | 1,911.59 | A point on the ground |
| 378 | S | 12 | 4 | W | 3,769.87 | A point on the ground |
| 379 | N | 86 | 5 | W | 1,362.93 | A point on the ground |
| 380 | N | 50 | 38 | W | 2,617.59 | A point on the ground |
| 381 | S | 41 | 33 | W | 410.32 | A point on the ground |
| 382 | S | 11 | 58 | E | 2,324.55 | A point on the ground |
| 383 | S | 28 | 2 | W | 1,287.53 | A point on the ground |
| 384 | N | 23 | 53 | W | 2,756.47 | A point on the ground |
| 385 | N | 88 | 45 | W | 2,931.76 | A point on the ground |
| 386 | N | 28 | 29 | W | 2,657.75 | A point on the ground |
| 387 | N | 51 | 53 | E | 2,536.19 | A point on the ground |
| 388 | N | 55 | 49 | W | 876.06 | A point on the ground |
| 389 | N | 20 | 46 | E | 1,281.14 | A point on the ground |
| 390 | N | 57 | 14 | W | 682.23 | A point on the ground |
| 391 | S | 71 | 12 | W | 4,660.87 | A point on the ground |
| 392 | S | 9 | 11 | W | 4,574.57 | A point on the ground |
| 393 | S | 26 | 57 | W | 2,204.87 | A point on the ground |
| 394 | S | 73 | 49 | W | 5,823.20 | A point on the ground |
| 395 | S | 10 | 46 | E | 3,535.13 | A point on the ground |
| 396 | N | 63 | 42 | W | 1,112.00 | A point on the ground |
| 397 | S | 54 | 35 | E | 1,593.38 | A point on the ground |
| 398 | N | 33 | 1 | E | 4,833.61 | A point on the ground |
| 399 | N | 81 | 54 | E | 2,381.37 | A point on the ground |
| 400 | S | 27 | 16 | W | 1,520.17 | A point on the ground |

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|-----|-----------|----|----|---|----------|--|-----------------------|
| 401 | S | 46 | 51 | E | 1,034.55 | | A point on the ground |
| 402 | S | 76 | 10 | W | 2,303.90 | | A point on the ground |
| 403 | S | 10 | 5 | E | 1,373.39 | | A point on the ground |
| 404 | S | 83 | 50 | E | 4,620.49 | | A point on the ground |
| 405 | S | 83 | 44 | E | 4,256.63 | | A point on the ground |
| 406 | S | 24 | 34 | E | 2,467.22 | | A point on the ground |
| 407 | S | 4 | 44 | W | 1,849.73 | | A point on the ground |
| 408 | S | 79 | 55 | W | 2,272.43 | | A point on the ground |
| 409 | N | 49 | 2 | W | 2,720.55 | | A point on the ground |
| 410 | S | 26 | 49 | W | 1,342.18 | | A point on the ground |
| 411 | S | 39 | 28 | E | 2,708.27 | | A point on the ground |
| 412 | S | 11 | 56 | E | 1,601.90 | | A point on the ground |
| 413 | N | 59 | 46 | E | 1,645.41 | | A point on the ground |
| 414 | S | 63 | 42 | E | 2,292.31 | | A point on the ground |
| 415 | N | 11 | 40 | W | 1,192.36 | | A point on the ground |
| 416 | S | 84 | 55 | E | 698.05 | | A point on the ground |
| 417 | S | 69 | 20 | E | 1,744.41 | | A point on the ground |
| 418 | N | 51 | 8 | E | 2,641.82 | | A point on the ground |
| 419 | N | 16 | 10 | E | 3,806.35 | | A point on the ground |
| 420 | N | 32 | 16 | E | 4,249.98 | | A point on the ground |
| 421 | S | 64 | 38 | E | 2,671.90 | | A point on the ground |
| 422 | S | 42 | 1 | E | 2,482.40 | | A point on the ground |
| 423 | S | 24 | 48 | E | 3,385.14 | | A point on the ground |
| 424 | S | 37 | 2 | W | 4,117.53 | | A point on the ground |
| 425 | S | 37 | 6 | E | 3,005.75 | | A point on the ground |
| 426 | S | 59 | 28 | W | 2,598.47 | | A point on the ground |
| 427 | S | 34 | 1 | E | 5,079.24 | | A point on the ground |
| 428 | Due South | | | | 3,226.14 | | A point on the ground |
| 429 | S | 7 | 38 | W | 3,192.90 | | A point on the ground |
| 430 | S | 22 | 45 | E | 2,032.55 | | A point on the ground |
| 431 | S | 22 | 36 | E | 5,192.36 | | A point on the ground |
| 432 | S | 13 | 57 | W | 4,146.96 | | A point on the ground |
| 433 | S | 82 | 40 | E | 2,410.13 | | A point on the ground |
| 434 | S | 37 | 23 | W | 3,788.86 | | A point on the ground |
| 435 | S | 58 | 1 | E | 3,888.32 | | A point on the ground |
| 436 | N | 10 | 57 | E | 1,752.49 | | A point on the ground |
| 437 | N | 53 | 55 | E | 1,460.49 | | A point on the ground |
| 438 | N | 26 | 42 | W | 1,616.41 | | A point on the ground |
| 439 | N | 54 | 31 | E | 1,746.63 | | A point on the ground |
| 440 | N | 19 | 15 | E | 3,579.83 | | A point on the ground |
| 441 | N | 40 | 40 | E | 2,228.15 | | A point on the ground |

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|-----|-----------|----|----|---|----------|-----------------------|
| 442 | S | 60 | 56 | W | 3,288.43 | A point on the ground |
| 443 | N | 81 | 15 | W | 1,010.18 | A point on the ground |
| 444 | N | 54 | 13 | W | 2,312.21 | A point on the ground |
| 445 | N | 13 | 31 | E | 1,295.55 | A point on the ground |
| 446 | N | 36 | 53 | E | 2,419.79 | A point on the ground |
| 447 | N | 8 | 55 | W | 2,923.58 | A point on the ground |
| 448 | N | 77 | 33 | E | 2,849.84 | A point on the ground |
| 449 | N | 25 | 37 | W | 1,328.96 | A point on the ground |
| 450 | S | 82 | 38 | W | 1,677.39 | A point on the ground |
| 451 | N | 44 | 59 | E | 2,909.94 | A point on the ground |
| 452 | S | 64 | 20 | W | 3,120.81 | A point on the ground |
| 453 | N | 7 | 52 | W | 1,767.97 | A point on the ground |
| 454 | N | 37 | 34 | E | 2,480.60 | A point on the ground |
| 455 | N | 4 | 59 | E | 4,873.02 | A point on the ground |
| 456 | N | 20 | 30 | E | 1,640.16 | A point on the ground |
| 457 | N | 87 | 8 | E | 1,846.67 | A point on the ground |
| 458 | S | 7 | 30 | W | 3,470.99 | A point on the ground |
| 459 | N | 68 | 14 | E | 1,823.29 | A point on the ground |
| 460 | S | 79 | 23 | E | 1,999.78 | A point on the ground |
| 461 | S | 3 | 15 | W | 1,600.29 | A point on the ground |
| 462 | S | 39 | 42 | W | 1,278.03 | A point on the ground |
| 463 | Due South | | | | 2,335.12 | A point on the ground |
| 464 | S | 71 | 55 | E | 890.83 | A point on the ground |
| 465 | S | 6 | 37 | E | 1,577.46 | A point on the ground |
| 466 | S | 89 | 26 | E | 3,024.71 | A point on the ground |
| 467 | S | 18 | 36 | W | 2,463.98 | A point on the ground |
| 468 | S | 48 | 46 | W | 2,051.21 | A point on the ground |
| 469 | S | 27 | 43 | E | 1,561.65 | A point on the ground |
| 470 | S | 32 | 10 | W | 3,521.41 | A point on the ground |
| 471 | N | 52 | 13 | E | 3,712.24 | A point on the ground |
| 472 | S | 54 | 43 | E | 4,040.59 | A point on the ground |
| 473 | N | 72 | 51 | E | 1,772.89 | A point on the ground |
| 474 | S | 7 | 41 | W | 2,480.43 | A point on the ground |
| 475 | N | 52 | 41 | E | 3,346.73 | A point on the ground |
| 476 | S | 20 | 36 | W | 2,232.48 | A point on the ground |
| 477 | N | 67 | 17 | E | 1,115.01 | A point on the ground |
| 478 | S | 18 | 12 | E | 1,358.19 | A point on the ground |
| 479 | S | 34 | 59 | W | 1,687.93 | A point on the ground |
| 480 | N | 86 | 24 | W | 970.21 | A point on the ground |
| 481 | N | 30 | 36 | W | 1,962.82 | A point on the ground |
| 482 | N | 49 | 57 | W | 1,383.94 | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 483 | S | 87 | 9 | W | 1,241.99 | | A point on the ground |
| 484 | S | 22 | 38 | E | 865.40 | | A point on the ground |
| 485 | N | 85 | 58 | E | 879.58 | | A point on the ground |
| 486 | S | 29 | 9 | E | 2,673.10 | | A point on the ground |
| 487 | S | 39 | 17 | W | 2,818.90 | | A point on the ground |
| 488 | S | 1 | 56 | W | 1,783.07 | | A point on the ground |
| 489 | N | 30 | 54 | W | 2,004.76 | | A point on the ground |
| 490 | S | 66 | 28 | W | 1,155.06 | | A point on the ground |
| 491 | S | 27 | 10 | E | 1,657.53 | | A point on the ground |
| 492 | S | 12 | 38 | E | 1,385.35 | | A point on the ground |
| 493 | N | 53 | 11 | E | 718.10 | | A point on the ground |
| 494 | S | 42 | 35 | E | 6,174.33 | | A point on the ground |
| 495 | S | 89 | 21 | E | 2,572.98 | | A point on the ground |
| 496 | S | 21 | 13 | E | 2,932.55 | | A point on the ground |
| 497 | S | 15 | 4 | W | 2,673.15 | | A point on the ground |
| 498 | S | 47 | 37 | W | 7,251.37 | | A point on the ground |
| 499 | S | 12 | 54 | E | 2,174.65 | | A point on the ground |
| 500 | S | 49 | 10 | E | 3,522.92 | | A point on the ground |
| 501 | S | 14 | 58 | W | 2,576.32 | | A point on the ground |
| 502 | S | 4 | 40 | W | 3,329.41 | | A point on the ground |
| 503 | N | 83 | 28 | W | 8,627.65 | | A point on the ground |
| 504 | S | 58 | 54 | W | 1,308.72 | | A point on the ground |
| 505 | S | 10 | 21 | E | 843.27 | | A point on the ground |
| 506 | S | 54 | 42 | E | 2,338.58 | | A point on the ground |
| 507 | S | 81 | 55 | E | 1,743.94 | | A point on the ground |
| 508 | S | 71 | 20 | E | 1,438.88 | | A point on the ground |
| 509 | N | 69 | 44 | E | 1,065.42 | | A point on the ground |
| 510 | S | 66 | 32 | E | 1,618.42 | | A point on the ground |
| 511 | N | 58 | 31 | E | 2,237.12 | | A point on the ground |
| 512 | S | 84 | 14 | E | 4,262.39 | | A point on the ground |
| 513 | S | 19 | 54 | E | 1,960.22 | | A point on the ground |
| 514 | S | 29 | 45 | W | 5,734.38 | | A point on the ground |
| 515 | S | 30 | 6 | E | 3,265.99 | | A point on the ground |
| 516 | S | 15 | 42 | W | 2,457.89 | | A point on the ground |
| 517 | S | 0 | 22 | E | 5,100.29 | | A point on the ground |
| 518 | S | 6 | 55 | E | 5,818.02 | | A point on the ground |
| 519 | S | 42 | 7 | E | 2,939.54 | | A point on the ground |
| 520 | S | 22 | 1 | E | 2,915.67 | | A point on the ground |
| 521 | N | 86 | 43 | W | 2,125.76 | | A point on the ground |
| 522 | S | 6 | 17 | W | 3,585.69 | | A point on the ground |
| 523 | S | 17 | 54 | E | 1,581.71 | | A point on the ground |

| | | | | | | | |
|-----|---|----|----|---|----------|--|-----------------------|
| 524 | N | 55 | 46 | E | 3,006.21 | | A point on the ground |
| 525 | N | 8 | 41 | E | 1,398.78 | | A point on the ground |
| 526 | S | 80 | 27 | E | 1,291.44 | | A point on the ground |
| 527 | S | 14 | 48 | W | 3,432.71 | | A point on the ground |
| 528 | S | 39 | 48 | E | 2,038.48 | | A point on the ground |
| 529 | S | 36 | 14 | W | 1,486.31 | | A point on the ground |
| 530 | S | 74 | 15 | E | 1,355.11 | | A point on the ground |
| 531 | N | 50 | 10 | E | 2,880.75 | | A point on the ground |
| 532 | S | 63 | 39 | E | 1,658.78 | | A point on the ground |
| 533 | N | 43 | 56 | E | 1,921.39 | | A point on the ground |
| 534 | N | 23 | 44 | W | 2,113.62 | | A point on the ground |
| 535 | N | 81 | 11 | E | 1,411.26 | | A point on the ground |
| 536 | S | 39 | 52 | E | 2,320.14 | | A point on the ground |
| 537 | S | 15 | 37 | W | 3,254.89 | | A point on the ground |
| 538 | S | 55 | 25 | W | 1,951.09 | | A point on the ground |
| 539 | S | 32 | 14 | E | 3,303.19 | | A point on the ground |
| 540 | N | 89 | 7 | W | 1,880.68 | | A point on the ground |
| 541 | S | 15 | 6 | W | 1,973.42 | | A point on the ground |
| 542 | S | 25 | 59 | W | 3,316.84 | | A point on the ground |
| 543 | S | 23 | 58 | E | 3,663.54 | | A point on the ground |
| 544 | N | 85 | 47 | E | 3,377.39 | | A point on the ground |
| 545 | N | 34 | 26 | E | 1,714.59 | | A point on the ground |
| 546 | N | 72 | 26 | E | 1,940.36 | | A point on the ground |
| 547 | S | 20 | 35 | E | 951.43 | | A point on the ground |
| 548 | N | 69 | 15 | E | 1,913.20 | | A point on the ground |
| 549 | N | 67 | 36 | W | 1,608.43 | | A point on the ground |
| 550 | N | 26 | 13 | E | 1,439.08 | | A point on the ground |
| 551 | N | 77 | 15 | E | 1,679.00 | | A point on the ground |
| 552 | S | 66 | 21 | E | 2,749.96 | | A point on the ground |
| 553 | S | 46 | 42 | E | 5,592.34 | | A point on the ground |
| 554 | S | 75 | 26 | E | 1,944.17 | | A point on the ground |
| 555 | S | 15 | 31 | E | 4,558.07 | | A point on the ground |
| 556 | N | 43 | 14 | E | 2,786.75 | | A point on the ground |
| 557 | N | 13 | 7 | W | 2,018.32 | | A point on the ground |
| 558 | N | 38 | 33 | E | 826.02 | | A point on the ground |
| 559 | N | 61 | 7 | E | 1,211.73 | | A point on the ground |
| 560 | N | 65 | 56 | E | 2,722.50 | | A point on the ground |
| 561 | N | 0 | 33 | E | 2,713.20 | | A point on the ground |
| 562 | N | 70 | 38 | W | 1,447.82 | | A point on the ground |
| 563 | S | 46 | 31 | W | 2,504.61 | | A point on the ground |
| 564 | N | 3 | 50 | E | 2,217.34 | | A point on the ground |

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|-----|---|----|----|---|----------|-----------------------|
| 565 | S | 55 | 7 | W | 5,652.32 | A point on the ground |
| 566 | N | 8 | 23 | W | 2,732.33 | A point on the ground |
| 567 | S | 42 | 46 | W | 2,765.71 | A point on the ground |
| 568 | N | 20 | 18 | W | 2,193.76 | A point on the ground |
| 569 | N | 27 | 42 | E | 2,604.22 | A point on the ground |
| 570 | S | 49 | 55 | E | 1,905.29 | A point on the ground |
| 571 | N | 80 | 37 | E | 2,090.14 | A point on the ground |
| 572 | N | 62 | 26 | W | 993.06 | A point on the ground |
| 573 | N | 13 | 9 | E | 5,965.12 | A point on the ground |
| 574 | N | 39 | 37 | E | 2,515.95 | A point on the ground |
| 575 | S | 3 | 52 | W | 3,079.76 | A point on the ground |
| 576 | N | 66 | 1 | E | 2,123.07 | A point on the ground |
| 577 | S | 35 | 27 | E | 2,411.00 | A point on the ground |
| 578 | S | 44 | 32 | W | 2,504.02 | A point on the ground |
| 579 | S | 54 | 4 | E | 1,462.66 | A point on the ground |
| 580 | N | 67 | 10 | E | 1,907.49 | A point on the ground |
| 581 | N | 2 | 35 | W | 2,091.25 | A point on the ground |

- 1 The Buffer Zone of the Samar Island Natural Park shall cover areas along its periphery
- 2 and within the following metes and bounds:

| Tie point is at corner 1 located at 11°49'44" North Latitude and 125°16'07" East Longitude, Center of Canhagimit Bridge | | | | | | |
|---|---------|-----|-----|-----|-------------------|-----------------------|
| Corner | BEARING | | | | Distance (meters) | C. LOCATION |
| | N/S | Deg | Min | E/W | | |
| 1 | S | 87 | 37 | E | 2,125.03 | A point on the ground |
| 2 | S | 22 | 36 | W | 2,830.65 | A point on the ground |
| 3 | S | 41 | 24 | W | 1,968.79 | A point on the ground |
| 4 | S | 55 | 11 | E | 1,664.45 | A point on the ground |
| 5 | S | 9 | 26 | E | 2,428.74 | A point on the ground |
| 6 | S | 2 | 18 | W | 2,183.33 | A point on the ground |
| 7 | S | 84 | 17 | W | 2,194.91 | A point on the ground |
| 8 | S | 69 | 13 | W | 1,913.35 | A point on the ground |
| 9 | S | 17 | 26 | W | 3,930.68 | A point on the ground |
| 10 | S | 13 | 57 | E | 1,012.69 | A point on the ground |
| 11 | S | 79 | 6 | W | 1,637.29 | A point on the ground |
| 12 | S | 68 | 16 | W | 1,665.06 | A point on the ground |
| 13 | N | 37 | 55 | W | 2,917.99 | A point on the ground |
| 14 | N | 13 | 57 | W | 2,025.38 | A point on the ground |
| 15 | N | 75 | 17 | W | 1,443.48 | A point on the ground |
| 16 | N | 27 | 15 | W | 863.45 | A point on the ground |

| | | | | | | | |
|----|-----------|----|----|---|----------|--|-------------------------------------|
| 17 | N | 21 | 11 | E | 1,087.90 | | A point on the ground |
| 18 | N | 69 | 5 | W | 4,289.04 | | A point on the ground |
| 19 | S | 43 | 21 | W | 2,030.34 | | A point on the ground |
| 20 | S | 77 | 27 | W | 1,988.70 | | A point on the ground |
| 21 | N | 76 | 7 | W | 1,656.76 | | A point on the ground |
| 22 | S | 36 | 52 | W | 1,767.74 | | A point on the ground |
| 23 | S | 75 | 0 | W | 2,857.64 | | A point on the ground |
| 24 | N | 70 | 15 | W | 3,901.49 | | A point on the ground |
| 25 | N | 8 | 38 | W | 3,045.10 | | A point on the ground |
| 26 | N | 39 | 20 | W | 1,389.32 | | A point on the ground |
| 27 | N | 19 | 44 | E | 6,007.33 | | A point on the ground |
| 28 | S | 21 | 10 | E | 4,447.91 | | A point on the ground |
| 29 | N | 14 | 2 | W | 7,632.34 | | A point on the ground |
| 30 | S | 75 | 55 | W | 2,532.10 | | A point on the ground |
| 31 | S | 80 | 57 | W | 2,548.60 | | A point on the ground |
| 32 | N | 2 | 55 | E | 3,537.92 | | A point on the ground |
| 33 | N | 66 | 3 | W | 3,551.37 | | A point on the ground |
| 34 | N | 87 | 57 | W | 849.57 | | A point on the ground |
| 35 | N | 25 | 19 | E | 1,699.83 | | A point on the ground |
| 36 | N | 21 | 26 | W | 2,409.03 | | A point on the ground |
| 37 | N | 21 | 38 | E | 2,710.74 | | A point on the ground |
| 38 | N | 37 | 51 | W | 2,372.73 | | A point on the ground |
| 39 | N | 9 | 28 | W | 2,958.79 | | A point on the ground |
| 40 | N | 10 | 51 | W | 4,035.18 | | A point on the ground |
| 41 | N | 1 | 21 | W | 5,224.49 | | A point on the ground |
| 42 | N | 17 | 29 | E | 2,416.34 | | A point on the ground |
| 43 | N | 36 | 0 | W | 2,011.97 | | A point on the ground |
| 44 | N | 13 | 52 | W | 1,645.49 | | A point on the ground |
| 45 | N | 30 | 20 | E | 6,053.36 | | A point on the ground |
| 46 | N | 60 | 23 | W | 3,415.82 | | At the edge of a rocky cliff |
| 47 | S | 42 | 56 | W | 755.65 | | At the edge of a rocky cliff |
| 48 | S | 61 | 20 | W | 897.39 | | At the edge of a rocky cliff |
| 49 | S | 67 | 27 | W | 721.50 | | At the edge of a rocky cliff |
| 50 | N | 79 | 34 | W | 677.65 | | At the edge of a rocky cliff |
| 51 | N | 67 | 34 | W | 884.94 | | At the edge of a rocky cliff |
| 52 | S | 79 | 21 | W | 832.16 | | At the edge of a rocky cliff |
| 53 | N | 85 | 52 | W | 425.19 | | At the edge of a rocky cliff |
| 54 | N | 70 | 40 | W | 834.71 | | At the edge of a rocky cliff |
| 55 | N | 67 | 21 | W | 558.05 | | On the north bank of Palaspas Creek |
| 56 | S | 75 | 49 | W | 999.74 | | At the edge of a rocky cliff |
| 57 | Due North | | | | 214.68 | | At the edge of a rocky cliff |

| | | | | | | |
|----|---|----|----|---|----------|---|
| 58 | S | 68 | 41 | W | 422.68 | On the north bank of Macanog Creek |
| 59 | N | 40 | 48 | W | 324.62 | On the north bank of Macabacod Creek |
| 60 | N | 80 | 25 | W | 552.97 | At the edge of a rocky cliff |
| 61 | N | 63 | 7 | W | 815.12 | At the edge of a rocky cliff |
| 62 | N | 36 | 29 | W | 458.52 | At the edge of a rocky cliff |
| 63 | N | 22 | 20 | W | 398.58 | On the north edge of logging trail |
| 64 | N | 42 | 38 | W | 626.28 | Near edge of rock cliff |
| 65 | N | 78 | 32 | W | 463.58 | Near edge of rock cliff |
| 66 | N | 47 | 20 | W | 453.22 | On the north side of logging trail |
| 67 | N | 33 | 19 | E | 551.49 | At the edge of a rocky forest |
| 68 | N | 33 | 18 | E | 220.59 | On the east side of a logging trail/ edge of a rocky forest |
| 69 | N | 4 | 20 | E | 801.13 | Near edge of cliff and rocky land |
| 70 | N | 80 | 24 | E | 1,290.11 | Corner 9 A & D Block 1 Samar LC Proj. 36 Wright LC 1182 |
| 71 | N | 87 | 20 | E | 6,639.95 | A point on the ground |
| 72 | N | 16 | 19 | E | 3,553.84 | A point on the ground |
| 73 | N | 34 | 11 | W | 4,529.96 | A point on the ground |
| 74 | N | 31 | 39 | W | 288.68 | A point on the ground |
| 75 | N | 13 | 49 | E | 1,898.60 | A point on the ground |
| 76 | N | 35 | 7 | E | 3,945.09 | A point on the ground |
| 77 | N | 58 | 38 | E | 2,658.37 | A point on the ground |
| 78 | N | 29 | 56 | E | 1,879.47 | A point on the ground |
| 79 | N | 13 | 28 | W | 2,084.87 | A point on the ground |
| 80 | S | 81 | 19 | W | 1,837.11 | A point on the ground |
| 81 | N | 47 | 13 | W | 3,300.65 | A point on the ground |
| 82 | N | 31 | 34 | W | 2,487.62 | A point on the ground |
| 83 | S | 80 | 23 | W | 2,210.10 | A point on the ground |
| 84 | N | 20 | 58 | W | 2,961.17 | A point on the ground |
| 85 | N | 3 | 7 | E | 2,769.37 | A point on the ground |
| 86 | N | 22 | 35 | E | 4,725.59 | A point on the ground |
| 87 | N | 12 | 35 | W | 1,668.40 | A point on the ground |
| 88 | N | 36 | 2 | W | 2,469.27 | A point on the ground |
| 89 | N | 50 | 40 | W | 2,424.51 | A point on the ground |
| 90 | S | 21 | 29 | W | 495.33 | A point on the ground |
| 91 | S | 59 | 21 | W | 4,219.86 | A point on the ground |
| 92 | S | 35 | 33 | W | 1,925.80 | A point on the ground |
| 93 | S | 11 | 17 | W | 2,318.50 | A point on the ground |
| 94 | S | 33 | 18 | W | 3,308.06 | A point on the ground |
| 95 | S | 11 | 8 | E | 2,348.65 | A point on the ground |
| 96 | S | 50 | 55 | W | 1,949.48 | A point on the ground |

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|-----|--|-----------|----|----|---|----------|--|-----------------------|
| 97 | | N | 59 | 33 | W | 5,336.04 | | A point on the ground |
| 98 | | N | 3 | 53 | E | 3,141.09 | | A point on the ground |
| 99 | | Due North | | | | 2,826.69 | | A point on the ground |
| 100 | | N | 18 | 31 | E | 3,337.14 | | A point on the ground |
| 101 | | N | 25 | 51 | W | 2,219.41 | | A point on the ground |
| 102 | | N | 39 | 49 | W | 3,400.69 | | A point on the ground |
| 103 | | N | 21 | 38 | W | 2,049.57 | | A point on the ground |
| 104 | | N | 2 | 40 | W | 2,583.75 | | A point on the ground |
| 105 | | N | 21 | 34 | W | 3,535.47 | | A point on the ground |
| 106 | | N | 11 | 53 | W | 3,516.93 | | A point on the ground |
| 107 | | N | 31 | 40 | E | 3,861.69 | | A point on the ground |
| 108 | | N | 26 | 32 | W | 2,164.03 | | A point on the ground |
| 109 | | N | 34 | 6 | E | 2,967.62 | | A point on the ground |
| 110 | | N | 41 | 9 | W | 1,836.82 | | A point on the ground |
| 111 | | Due North | | | | 1,997.15 | | A point on the ground |
| 112 | | N | 52 | 31 | W | 2,475.25 | | A point on the ground |
| 113 | | S | 23 | 11 | W | 2,305.86 | | A point on the ground |
| 114 | | S | 28 | 24 | W | 2,863.28 | | A point on the ground |
| 115 | | Due South | | | | 2,089.33 | | A point on the ground |
| 116 | | S | 55 | 0 | W | 3,212.05 | | A point on the ground |
| 117 | | S | 74 | 5 | W | 2,012.53 | | A point on the ground |
| 118 | | N | 82 | 23 | W | 2,562.14 | | A point on the ground |
| 119 | | S | 78 | 18 | W | 2,717.59 | | A point on the ground |
| 120 | | N | 39 | 24 | W | 2,188.64 | | A point on the ground |
| 121 | | N | 29 | 18 | W | 4,194.66 | | A point on the ground |
| 122 | | N | 42 | 22 | E | 1,661.79 | | A point on the ground |
| 123 | | N | 68 | 53 | W | 4,275.67 | | A point on the ground |
| 124 | | S | 88 | 33 | W | 2,328.33 | | A point on the ground |
| 125 | | S | 82 | 15 | W | 2,257.86 | | A point on the ground |
| 126 | | N | 26 | 51 | W | 2,136.51 | | A point on the ground |
| 127 | | N | 29 | 25 | W | 1,412.04 | | A point on the ground |
| 128 | | N | 10 | 23 | W | 1,499.72 | | A point on the ground |
| 129 | | N | 53 | 43 | E | 3,265.03 | | A point on the ground |
| 130 | | N | 74 | 54 | E | 5,636.07 | | A point on the ground |
| 131 | | N | 1 | 6 | W | 2,981.04 | | A point on the ground |
| 132 | | N | 3 | 37 | E | 4,371.57 | | A point on the ground |
| 133 | | N | 70 | 56 | E | 1,406.95 | | A point on the ground |
| 134 | | N | 66 | 4 | E | 2,116.27 | | A point on the ground |
| 135 | | N | 69 | 28 | E | 2,097.57 | | A point on the ground |
| 136 | | S | 89 | 57 | E | 1,963.64 | | A point on the ground |
| 137 | | S | 36 | 9 | E | 1,637.37 | | A point on the ground |

| | | | | | | | | |
|-----|--|---|----|----|---|-----------|--|-----------------------|
| 138 | | S | 20 | 53 | E | 2,368.49 | | A point on the ground |
| 139 | | S | 42 | 36 | W | 1,417.09 | | A point on the ground |
| 140 | | S | 57 | 3 | E | 791.76 | | A point on the ground |
| 141 | | N | 80 | 36 | E | 1,684.67 | | A point on the ground |
| 142 | | S | 65 | 39 | E | 2,387.36 | | A point on the ground |
| 143 | | N | 34 | 32 | E | 3,840.33 | | A point on the ground |
| 144 | | S | 68 | 53 | E | 2,817.31 | | A point on the ground |
| 145 | | N | 63 | 29 | E | 3,850.11 | | A point on the ground |
| 146 | | S | 88 | 43 | E | 2,780.14 | | A point on the ground |
| 147 | | S | 39 | 19 | E | 715.02 | | A point on the ground |
| 148 | | S | 10 | 4 | W | 1,903.50 | | A point on the ground |
| 149 | | S | 19 | 49 | E | 1,959.73 | | A point on the ground |
| 150 | | S | 44 | 32 | W | 1,292.82 | | A point on the ground |
| 151 | | S | 47 | 10 | W | 2,349.36 | | A point on the ground |
| 152 | | S | 85 | 20 | W | 1,879.85 | | A point on the ground |
| 153 | | S | 13 | 26 | W | 1,042.37 | | A point on the ground |
| 154 | | S | 38 | 11 | E | 2,932.29 | | A point on the ground |
| 155 | | N | 73 | 59 | E | 2,892.91 | | A point on the ground |
| 156 | | N | 26 | 38 | W | 1,684.49 | | A point on the ground |
| 157 | | N | 64 | 22 | E | 1,206.80 | | A point on the ground |
| 158 | | S | 81 | 9 | E | 3,394.80 | | A point on the ground |
| 159 | | N | 58 | 41 | E | 3,961.41 | | A point on the ground |
| 160 | | S | 63 | 3 | E | 1,830.56 | | A point on the ground |
| 161 | | S | 78 | 31 | E | 1,541.86 | | A point on the ground |
| 162 | | N | 72 | 37 | E | 2,058.09 | | A point on the ground |
| 163 | | N | 44 | 31 | E | 1,508.33 | | A point on the ground |
| 164 | | N | 37 | 50 | W | 2,217.24 | | A point on the ground |
| 165 | | N | 69 | 16 | E | 2,778.28 | | A point on the ground |
| 166 | | S | 55 | 0 | E | 2,730.36 | | A point on the ground |
| 167 | | S | 79 | 47 | E | 1,381.77 | | A point on the ground |
| 168 | | S | 11 | 9 | E | 2,348.58 | | A point on the ground |
| 169 | | N | 55 | 39 | E | 2,451.68 | | A point on the ground |
| 170 | | N | 45 | 57 | E | 4,201.22 | | A point on the ground |
| 171 | | S | 41 | 0 | E | 3,825.11 | | A point on the ground |
| 172 | | N | 64 | 30 | E | 1,572.87 | | A point on the ground |
| 173 | | S | 79 | 48 | E | 2,763.59 | | A point on the ground |
| 174 | | S | 39 | 51 | E | 3,918.91 | | A point on the ground |
| 175 | | S | 47 | 41 | W | 1,919.08 | | A point on the ground |
| 176 | | S | 18 | 6 | W | 3,201.19 | | A point on the ground |
| 177 | | S | 71 | 43 | E | 10,253.70 | | A point on the ground |
| 178 | | S | 79 | 10 | W | 6,246.53 | | A point on the ground |

| | | | | | | | | |
|-----|--|---|----|----|---|----------|--|---------------------------------------|
| 179 | | S | 18 | 57 | W | 1,949.79 | | A point on the ground |
| 180 | | S | 8 | 16 | E | 2,328.30 | | A point on the ground |
| 181 | | S | 46 | 46 | E | 1,702.90 | | A point on the ground |
| 182 | | S | 9 | 22 | W | 2,585.13 | | A point on the ground |
| 183 | | S | 9 | 32 | E | 1,837.86 | | A point on the ground |
| 184 | | S | 5 | 54 | E | 5,652.06 | | A point on the ground |
| 185 | | S | 33 | 25 | E | 5,885.80 | | A point on the ground |
| 186 | | S | 2 | 37 | W | 1,291.88 | | A point on the ground |
| 187 | | S | 13 | 1 | E | 3,373.50 | | A point on the ground |
| 188 | | S | 61 | 40 | W | 583.95 | | A point on the ground |
| 189 | | S | 77 | 3 | W | 5,369.60 | | A point on the ground |
| 190 | | S | 7 | 36 | E | 3,688.21 | | A point on the ground |
| 191 | | S | 39 | 55 | E | 1,841.29 | | A point on the ground |
| 192 | | N | 70 | 15 | E | 7,937.80 | | A point on the ground |
| 193 | | S | 46 | 41 | E | 1,207.57 | | A point on the ground |
| 194 | | S | 22 | 1 | E | 2,186.29 | | A point on the ground |
| 195 | | S | 53 | 47 | W | 4,271.98 | | A point on the ground |
| 196 | | S | 4 | 31 | W | 2,650.85 | | Corner 145 Project 31 Block G LC-2827 |
| 197 | | S | 65 | 57 | E | 1,127.56 | | A point on the ground |
| 198 | | N | 46 | 39 | E | 5,154.54 | | A point on the ground |
| 199 | | S | 41 | 17 | E | 4,410.57 | | A point on the ground |
| 200 | | S | 15 | 38 | W | 1,340.60 | | A point on the ground |
| 201 | | S | 38 | 41 | W | 2,127.59 | | A point on the ground |
| 202 | | S | 29 | 23 | W | 2,893.43 | | A point on the ground |
| 203 | | S | 82 | 2 | E | 3,515.89 | | A point on the ground |
| 204 | | S | 20 | 15 | E | 1,931.27 | | A point on the ground |
| 205 | | S | 49 | 28 | W | 2,983.77 | | A point on the ground |
| 206 | | S | 6 | 15 | W | 2,194.90 | | A point on the ground |
| 207 | | S | 70 | 26 | E | 1,736.16 | | A point on the ground |
| 208 | | S | 19 | 7 | E | 1,300.07 | | A point on the ground |
| 209 | | S | 86 | 46 | E | 1,061.60 | | A point on the ground |
| 210 | | S | 32 | 44 | E | 2,189.36 | | A point on the ground |
| 211 | | S | 14 | 12 | W | 3,804.67 | | A point on the ground |
| 212 | | S | 74 | 17 | W | 1,824.10 | | A point on the ground |
| 213 | | N | 72 | 58 | W | 1,774.63 | | A point on the ground |
| 214 | | S | 16 | 31 | W | 2,757.19 | | A point on the ground |
| 215 | | S | 18 | 59 | E | 4,579.42 | | A point on the ground |
| 216 | | S | 71 | 6 | W | 3,616.79 | | A point on the ground |
| 217 | | S | 5 | 53 | E | 2,995.66 | | A point on the ground |
| 218 | | S | 59 | 52 | E | 1,839.11 | | A point on the ground |
| 219 | | S | 24 | 20 | E | 2,729.55 | | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 220 | N | 60 | 24 | E | 2,681.18 | | A point on the ground |
| 221 | S | 81 | 45 | E | 2,756.03 | | A point on the ground |
| 222 | S | 10 | 4 | E | 4,024.31 | | A point on the ground |
| 223 | S | 74 | 6 | W | 2,141.75 | | A point on the ground |
| 224 | S | 5 | 10 | W | 3,980.14 | | A point on the ground |
| 225 | S | 88 | 35 | W | 4,699.26 | | A point on the ground |
| 226 | S | 72 | 57 | W | 4,280.94 | | A point on the ground |
| 227 | S | 55 | 33 | E | 4,120.01 | | A point on the ground |
| 228 | S | 41 | 2 | E | 3,051.51 | | A point on the ground |
| 229 | S | 85 | 43 | E | 4,438.28 | | A point on the ground |
| 230 | S | 40 | 25 | E | 4,917.44 | | A point on the ground |
| 231 | S | 25 | 33 | W | 1,260.99 | | A point on the ground |
| 232 | S | 29 | 58 | E | 5,173.35 | | A point on the ground |
| 233 | S | 70 | 2 | E | 7,973.07 | | A point on the ground |
| 234 | N | 88 | 29 | E | 3,761.21 | | A point on the ground |
| 235 | S | 4 | 57 | W | 2,745.27 | | A point on the ground |
| 236 | S | 16 | 25 | E | 1,728.65 | | A point on the ground |
| 237 | S | 64 | 35 | W | 503.19 | | A point on the ground |
| 238 | N | 45 | 29 | W | 3,280.70 | | A point on the ground |
| 239 | N | 64 | 39 | W | 5,004.09 | | A point on the ground |
| 240 | S | 63 | 52 | W | 4,690.86 | | A point on the ground |
| 241 | S | 29 | 49 | E | 4,953.46 | | A point on the ground |
| 242 | N | 87 | 37 | W | 2,125.03 | | A point on the ground |
| 243 | N | 32 | 4 | W | 3,549.89 | | A point on the ground |
| 244 | N | 81 | 24 | W | 1,625.96 | | A point on the ground |
| 245 | N | 64 | 46 | E | 1,373.57 | | A point on the ground |
| 246 | N | 18 | 32 | W | 2,396.67 | | A point on the ground |
| 247 | N | 12 | 13 | E | 2,987.49 | | A point on the ground |
| 248 | N | 76 | 31 | W | 2,619.95 | | A point on the ground |
| 249 | N | 7 | 45 | W | 682.03 | | A point on the ground |
| 250 | S | 73 | 56 | E | 662.85 | | A point on the ground |
| 251 | N | 17 | 45 | E | 1,484.70 | | A point on the ground |
| 252 | S | 55 | 19 | W | 2,651.74 | | A point on the ground |
| 253 | N | 22 | 50 | E | 3,269.17 | | A point on the ground |
| 254 | S | 72 | 34 | W | 4,224.33 | | A point on the ground |
| 255 | N | 43 | 4 | W | 755.96 | | A point on the ground |
| 256 | N | 36 | 46 | E | 2,073.08 | | A point on the ground |
| 257 | N | 76 | 21 | E | 1,309.78 | | A point on the ground |
| 258 | N | 8 | 20 | W | 2,111.14 | | A point on the ground |
| 259 | N | 47 | 15 | W | 1,446.46 | | A point on the ground |
| 260 | S | 54 | 44 | W | 853.07 | | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 261 | S | 12 | 53 | W | 1,891.69 | | A point on the ground |
| 262 | N | 85 | 15 | W | 365.06 | | A point on the ground |
| 263 | N | 11 | 24 | E | 1,065.97 | | A point on the ground |
| 264 | S | 82 | 28 | W | 947.72 | | A point on the ground |
| 265 | S | 19 | 26 | W | 1,271.19 | | A point on the ground |
| 266 | N | 46 | 53 | W | 2,244.89 | | A point on the ground |
| 267 | N | 3 | 27 | E | 1,970.10 | | A point on the ground |
| 268 | N | 29 | 6 | W | 2,811.03 | | A point on the ground |
| 269 | S | 40 | 2 | W | 3,293.77 | | A point on the ground |
| 270 | N | 23 | 23 | W | 4,516.85 | | A point on the ground |
| 271 | S | 36 | 45 | W | 1,112.86 | | A point on the ground |
| 272 | S | 53 | 26 | E | 566.48 | | A point on the ground |
| 273 | S | 3 | 58 | W | 862.42 | | A point on the ground |
| 274 | N | 45 | 50 | W | 4,272.23 | | A point on the ground |
| 275 | N | 29 | 35 | E | 919.12 | | A point on the ground |
| 276 | S | 17 | 5 | E | 931.81 | | A point on the ground |
| 277 | N | 64 | 5 | E | 774.64 | | A point on the ground |
| 278 | S | 61 | 3 | E | 2,217.76 | | A point on the ground |
| 279 | N | 53 | 52 | E | 2,661.82 | | A point on the ground |
| 280 | N | 40 | 2 | W | 1,603.75 | | A point on the ground |
| 281 | N | 26 | 0 | W | 2,494.12 | | A point on the ground |
| 282 | N | 12 | 27 | E | 2,517.74 | | A point on the ground |
| 283 | S | 41 | 45 | E | 1,275.53 | | A point on the ground |
| 284 | S | 26 | 11 | W | 1,301.76 | | A point on the ground |
| 285 | S | 41 | 43 | E | 2,097.22 | | A point on the ground |
| 286 | N | 63 | 45 | E | 2,228.58 | | A point on the ground |
| 287 | S | 0 | 4 | E | 215.08 | | A point on the ground |
| 288 | S | 1 | 29 | W | 2,243.71 | | A point on the ground |
| 289 | S | 75 | 19 | E | 5,547.15 | | A point on the ground |
| 290 | N | 37 | 7 | E | 501.38 | | A point on the ground |
| 291 | N | 30 | 42 | W | 1,785.10 | | A point on the ground |
| 292 | N | 11 | 32 | E | 752.80 | | A point on the ground |
| 293 | N | 57 | 11 | E | 1,477.09 | | A point on the ground |
| 294 | N | 73 | 57 | E | 1,229.18 | | A point on the ground |
| 295 | N | 3 | 0 | W | 1,784.36 | | A point on the ground |
| 296 | S | 88 | 41 | W | 1,424.48 | | A point on the ground |
| 297 | S | 1 | 41 | W | 983.66 | | A point on the ground |
| 298 | S | 85 | 6 | W | 3,284.28 | | A point on the ground |
| 299 | N | 26 | 45 | W | 1,822.37 | | A point on the ground |
| 300 | N | 34 | 13 | W | 2,375.71 | | A point on the ground |
| 301 | N | 63 | 35 | W | 1,929.40 | | A point on the ground |

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|-----|---|-----------|----|---|----------|--|-----------------------|
| 302 | | Due South | | | 2,949.57 | | A point on the ground |
| 303 | N | 13 | 47 | E | 2,658.12 | | A point on the ground |
| 304 | N | 65 | 0 | E | 3,206.87 | | A point on the ground |
| 305 | N | 31 | 7 | W | 2,761.12 | | A point on the ground |
| 306 | N | 37 | 31 | E | 2,830.39 | | A point on the ground |
| 307 | N | 3 | 32 | E | 2,401.33 | | A point on the ground |
| 308 | S | 80 | 7 | E | 3,197.78 | | A point on the ground |
| 309 | N | 0 | 51 | W | 2,243.14 | | A point on the ground |
| 310 | N | 55 | 49 | W | 2,564.88 | | A point on the ground |
| 311 | N | 52 | 57 | W | 2,392.60 | | A point on the ground |
| 312 | N | 21 | 39 | E | 6,052.66 | | A point on the ground |
| 313 | N | 82 | 42 | W | 2,869.54 | | A point on the ground |
| 314 | N | 3 | 36 | E | 2,832.55 | | A point on the ground |
| 315 | N | 34 | 41 | E | 4,300.74 | | A point on the ground |
| 316 | N | 52 | 18 | W | 3,561.16 | | A point on the ground |
| 317 | S | 21 | 58 | W | 5,403.22 | | A point on the ground |
| 318 | N | 42 | 7 | W | 3,931.23 | | A point on the ground |
| 319 | N | 8 | 35 | W | 3,883.46 | | A point on the ground |
| 320 | N | 43 | 54 | E | 4,184.08 | | A point on the ground |
| 321 | S | 69 | 19 | W | 6,369.48 | | A point on the ground |
| 322 | N | 88 | 36 | W | 2,421.76 | | A point on the ground |
| 323 | N | 34 | 14 | W | 2,154.28 | | A point on the ground |
| 324 | N | 6 | 54 | W | 5,075.14 | | A point on the ground |
| 325 | N | 55 | 55 | E | 6,205.35 | | A point on the ground |
| 326 | N | 26 | 22 | W | 8,054.52 | | A point on the ground |
| 327 | N | 5 | 37 | W | 5,618.47 | | A point on the ground |
| 328 | N | 21 | 57 | E | 1,855.88 | | A point on the ground |
| 329 | N | 23 | 24 | W | 1,907.53 | | A point on the ground |
| 330 | S | 79 | 3 | W | 4,064.38 | | A point on the ground |
| 331 | N | 27 | 16 | W | 3,040.59 | | A point on the ground |
| 332 | N | 89 | 57 | E | 4,141.99 | | A point on the ground |
| 333 | N | 3 | 53 | W | 2,709.93 | | A point on the ground |
| 334 | N | 19 | 57 | E | 2,386.86 | | A point on the ground |
| 335 | N | 37 | 38 | W | 3,915.70 | | A point on the ground |
| 336 | N | 18 | 6 | E | 1,455.09 | | A point on the ground |
| 337 | N | 24 | 55 | W | 2,946.37 | | A point on the ground |
| 338 | S | 87 | 2 | E | 1,755.25 | | A point on the ground |
| 339 | N | 31 | 14 | W | 1,867.62 | | A point on the ground |
| 340 | N | 79 | 41 | W | 1,536.06 | | A point on the ground |
| 341 | S | 42 | 34 | W | 2,588.68 | | A point on the ground |
| 342 | N | 75 | 33 | W | 1,841.63 | | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 343 | N | 17 | 18 | W | 611.30 | | A point on the ground |
| 344 | N | 54 | 18 | E | 1,264.71 | | A point on the ground |
| 345 | N | 38 | 5 | W | 3,628.43 | | A point on the ground |
| 346 | S | 60 | 44 | W | 3,774.53 | | A point on the ground |
| 347 | S | 33 | 26 | W | 2,246.77 | | A point on the ground |
| 348 | N | 49 | 5 | W | 5,439.93 | | A point on the ground |
| 349 | S | 56 | 34 | W | 1,339.32 | | A point on the ground |
| 350 | S | 1 | 48 | W | 3,811.90 | | A point on the ground |
| 351 | S | 58 | 50 | E | 1,483.63 | | A point on the ground |
| 352 | S | 45 | 13 | W | 1,745.26 | | A point on the ground |
| 353 | S | 74 | 4 | W | 2,577.12 | | A point on the ground |
| 354 | N | 14 | 4 | W | 1,742.08 | | A point on the ground |
| 355 | N | 7 | 9 | E | 1,455.45 | | A point on the ground |
| 356 | N | 25 | 33 | W | 1,191.82 | | A point on the ground |
| 357 | S | 82 | 52 | W | 5,695.12 | | A point on the ground |
| 358 | S | 83 | 3 | E | 2,283.33 | | A point on the ground |
| 359 | S | 9 | 6 | W | 2,862.88 | | A point on the ground |
| 360 | S | 67 | 52 | W | 815.67 | | A point on the ground |
| 361 | N | 23 | 21 | W | 1,372.20 | | A point on the ground |
| 362 | N | 39 | 26 | W | 2,426.61 | | A point on the ground |
| 363 | N | 75 | 44 | W | 2,993.38 | | A point on the ground |
| 364 | S | 23 | 28 | W | 1,138.78 | | A point on the ground |
| 365 | S | 40 | 26 | E | 2,422.46 | | A point on the ground |
| 366 | S | 73 | 49 | W | 3,304.59 | | A point on the ground |
| 367 | S | 80 | 8 | W | 2,147.55 | | A point on the ground |
| 368 | N | 44 | 30 | W | 4,396.03 | | A point on the ground |
| 369 | N | 6 | 42 | E | 2,598.59 | | A point on the ground |
| 370 | N | 82 | 58 | E | 3,501.59 | | A point on the ground |
| 371 | N | 45 | 41 | E | 2,154.43 | | A point on the ground |
| 372 | N | 13 | 57 | W | 2,881.11 | | A point on the ground |
| 373 | S | 79 | 0 | W | 2,893.43 | | A point on the ground |
| 374 | S | 26 | 12 | W | 2,944.56 | | A point on the ground |
| 375 | N | 48 | 6 | W | 3,084.04 | | A point on the ground |
| 376 | N | 20 | 16 | E | 1,047.95 | | A point on the ground |
| 377 | S | 64 | 18 | W | 1,911.59 | | A point on the ground |
| 378 | S | 12 | 4 | W | 3,769.87 | | A point on the ground |
| 379 | N | 86 | 5 | W | 1,362.93 | | A point on the ground |
| 380 | N | 50 | 38 | W | 2,617.59 | | A point on the ground |
| 381 | S | 41 | 33 | W | 410.32 | | A point on the ground |
| 382 | S | 11 | 58 | E | 2,324.55 | | A point on the ground |
| 383 | S | 28 | 2 | W | 1,287.53 | | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 384 | N | 23 | 53 | W | 2,756.47 | | A point on the ground |
| 385 | N | 88 | 45 | W | 2,931.76 | | A point on the ground |
| 386 | N | 28 | 29 | W | 2,657.75 | | A point on the ground |
| 387 | N | 51 | 53 | E | 2,536.19 | | A point on the ground |
| 388 | N | 55 | 49 | W | 876.06 | | A point on the ground |
| 389 | N | 20 | 46 | E | 1,281.14 | | A point on the ground |
| 390 | N | 57 | 14 | W | 682.23 | | A point on the ground |
| 391 | S | 71 | 12 | W | 4,660.87 | | A point on the ground |
| 392 | S | 9 | 11 | W | 4,574.57 | | A point on the ground |
| 393 | S | 26 | 57 | W | 2,204.87 | | A point on the ground |
| 394 | S | 73 | 49 | W | 5,823.20 | | A point on the ground |
| 395 | S | 10 | 46 | E | 3,535.13 | | A point on the ground |
| 396 | N | 63 | 42 | W | 1,112.00 | | A point on the ground |
| 397 | S | 54 | 35 | E | 1,593.38 | | A point on the ground |
| 398 | N | 33 | 1 | E | 4,833.61 | | A point on the ground |
| 399 | N | 81 | 54 | E | 2,381.37 | | A point on the ground |
| 400 | S | 27 | 16 | W | 1,520.17 | | A point on the ground |
| 401 | S | 46 | 51 | E | 1,034.55 | | A point on the ground |
| 402 | S | 76 | 10 | W | 2,303.90 | | A point on the ground |
| 403 | S | 10 | 5 | E | 1,373.39 | | A point on the ground |
| 404 | S | 83 | 50 | E | 4,620.49 | | A point on the ground |
| 405 | S | 83 | 44 | E | 4,256.63 | | A point on the ground |
| 406 | S | 24 | 34 | E | 2,467.22 | | A point on the ground |
| 407 | S | 4 | 44 | W | 1,849.73 | | A point on the ground |
| 408 | S | 79 | 55 | W | 2,272.43 | | A point on the ground |
| 409 | N | 49 | 2 | W | 2,720.55 | | A point on the ground |
| 410 | S | 26 | 49 | W | 1,342.18 | | A point on the ground |
| 411 | S | 39 | 28 | E | 2,708.27 | | A point on the ground |
| 412 | S | 11 | 56 | E | 1,601.90 | | A point on the ground |
| 413 | N | 59 | 46 | E | 1,645.41 | | A point on the ground |
| 414 | S | 63 | 42 | E | 2,292.31 | | A point on the ground |
| 415 | N | 11 | 40 | W | 1,192.36 | | A point on the ground |
| 416 | S | 84 | 55 | E | 698.05 | | A point on the ground |
| 417 | S | 69 | 20 | E | 1,744.41 | | A point on the ground |
| 418 | N | 51 | 8 | E | 2,641.82 | | A point on the ground |
| 419 | N | 16 | 10 | E | 3,806.35 | | A point on the ground |
| 420 | N | 32 | 16 | E | 4,249.98 | | A point on the ground |
| 421 | S | 64 | 38 | E | 2,671.90 | | A point on the ground |
| 422 | S | 42 | 1 | E | 2,482.40 | | A point on the ground |
| 423 | S | 24 | 48 | E | 3,385.14 | | A point on the ground |
| 424 | S | 37 | 2 | W | 4,117.53 | | A point on the ground |

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|-----|--|-----------|----|----|---|----------|--|-----------------------|
| 425 | | S | 37 | 6 | E | 3,005.75 | | A point on the ground |
| 426 | | S | 59 | 28 | W | 2,598.47 | | A point on the ground |
| 427 | | S | 34 | 1 | E | 5,079.24 | | A point on the ground |
| 428 | | Due South | | | | 3,226.14 | | A point on the ground |
| 429 | | S | 7 | 38 | W | 3,192.90 | | A point on the ground |
| 430 | | S | 22 | 45 | E | 2,032.55 | | A point on the ground |
| 431 | | S | 22 | 36 | E | 5,192.36 | | A point on the ground |
| 432 | | S | 13 | 57 | W | 4,146.96 | | A point on the ground |
| 433 | | S | 82 | 40 | E | 2,410.13 | | A point on the ground |
| 434 | | S | 37 | 23 | W | 3,788.86 | | A point on the ground |
| 435 | | S | 58 | 1 | E | 3,888.32 | | A point on the ground |
| 436 | | N | 10 | 57 | E | 1,752.49 | | A point on the ground |
| 437 | | N | 53 | 55 | E | 1,460.49 | | A point on the ground |
| 438 | | N | 26 | 42 | W | 1,616.41 | | A point on the ground |
| 439 | | N | 54 | 31 | E | 1,746.63 | | A point on the ground |
| 440 | | N | 19 | 15 | E | 3,579.83 | | A point on the ground |
| 441 | | N | 40 | 40 | E | 2,228.15 | | A point on the ground |
| 442 | | S | 60 | 56 | W | 3,288.43 | | A point on the ground |
| 443 | | N | 81 | 15 | W | 1,010.18 | | A point on the ground |
| 444 | | N | 54 | 13 | W | 2,312.21 | | A point on the ground |
| 445 | | N | 13 | 31 | E | 1,295.55 | | A point on the ground |
| 446 | | N | 36 | 53 | E | 2,419.79 | | A point on the ground |
| 447 | | N | 8 | 55 | W | 2,923.58 | | A point on the ground |
| 448 | | N | 77 | 33 | E | 2,849.84 | | A point on the ground |
| 449 | | N | 25 | 37 | W | 1,328.96 | | A point on the ground |
| 450 | | S | 82 | 38 | W | 1,677.39 | | A point on the ground |
| 451 | | N | 44 | 59 | E | 2,909.94 | | A point on the ground |
| 452 | | S | 64 | 20 | W | 3,120.81 | | A point on the ground |
| 453 | | N | 7 | 52 | W | 1,767.97 | | A point on the ground |
| 454 | | N | 37 | 34 | E | 2,480.60 | | A point on the ground |
| 455 | | N | 4 | 59 | E | 4,873.02 | | A point on the ground |
| 456 | | N | 20 | 30 | E | 1,640.16 | | A point on the ground |
| 457 | | N | 87 | 8 | E | 1,846.67 | | A point on the ground |
| 458 | | S | 7 | 30 | W | 3,470.99 | | A point on the ground |
| 459 | | N | 68 | 14 | E | 1,823.29 | | A point on the ground |
| 460 | | S | 79 | 23 | E | 1,999.78 | | A point on the ground |
| 461 | | S | 3 | 15 | W | 1,600.29 | | A point on the ground |
| 462 | | S | 39 | 42 | W | 1,278.03 | | A point on the ground |
| 463 | | Due South | | | | 2,335.12 | | A point on the ground |
| 464 | | S | 71 | 55 | E | 890.83 | | A point on the ground |
| 465 | | S | 6 | 37 | E | 1,577.46 | | A point on the ground |

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|-----|---|----|----|---|----------|--|-----------------------|
| 466 | S | 89 | 26 | E | 3,024.71 | | A point on the ground |
| 467 | S | 18 | 36 | W | 2,463.98 | | A point on the ground |
| 468 | S | 48 | 46 | W | 2,051.21 | | A point on the ground |
| 469 | S | 27 | 43 | E | 1,561.65 | | A point on the ground |
| 470 | S | 32 | 10 | W | 3,521.41 | | A point on the ground |
| 471 | N | 52 | 13 | E | 3,712.24 | | A point on the ground |
| 472 | S | 54 | 43 | E | 4,040.59 | | A point on the ground |
| 473 | N | 72 | 51 | E | 1,772.89 | | A point on the ground |
| 474 | S | 7 | 41 | W | 2,480.43 | | A point on the ground |
| 475 | N | 52 | 41 | E | 3,346.73 | | A point on the ground |
| 476 | S | 20 | 36 | W | 2,232.48 | | A point on the ground |
| 477 | N | 67 | 17 | E | 1,115.01 | | A point on the ground |
| 478 | S | 18 | 12 | E | 1,358.19 | | A point on the ground |
| 479 | S | 34 | 59 | W | 1,687.93 | | A point on the ground |
| 480 | N | 86 | 24 | W | 970.21 | | A point on the ground |
| 481 | N | 30 | 36 | W | 1,962.82 | | A point on the ground |
| 482 | N | 49 | 57 | W | 1,383.94 | | A point on the ground |
| 483 | S | 87 | 9 | W | 1,241.99 | | A point on the ground |
| 484 | S | 22 | 38 | E | 865.40 | | A point on the ground |
| 485 | N | 85 | 58 | E | 879.58 | | A point on the ground |
| 486 | S | 29 | 9 | E | 2,673.10 | | A point on the ground |
| 487 | S | 39 | 17 | W | 2,818.90 | | A point on the ground |
| 488 | S | 1 | 56 | W | 1,783.07 | | A point on the ground |
| 489 | N | 30 | 54 | W | 2,004.76 | | A point on the ground |
| 490 | S | 66 | 28 | W | 1,155.06 | | A point on the ground |
| 491 | S | 27 | 10 | E | 1,657.53 | | A point on the ground |
| 492 | S | 12 | 38 | E | 1,385.35 | | A point on the ground |
| 493 | N | 53 | 11 | E | 718.10 | | A point on the ground |
| 494 | S | 42 | 35 | E | 6,174.33 | | A point on the ground |
| 495 | S | 89 | 21 | E | 2,572.98 | | A point on the ground |
| 496 | S | 21 | 13 | E | 2,932.55 | | A point on the ground |
| 497 | S | 15 | 4 | W | 2,673.15 | | A point on the ground |
| 498 | S | 47 | 37 | W | 7,251.37 | | A point on the ground |
| 499 | S | 12 | 54 | E | 2,174.65 | | A point on the ground |
| 500 | S | 49 | 10 | E | 3,522.92 | | A point on the ground |
| 501 | S | 14 | 58 | W | 2,576.32 | | A point on the ground |
| 502 | S | 4 | 40 | W | 3,329.41 | | A point on the ground |
| 503 | N | 83 | 28 | W | 8,627.65 | | A point on the ground |
| 504 | S | 58 | 54 | W | 1,308.72 | | A point on the ground |
| 505 | S | 10 | 21 | E | 843.27 | | A point on the ground |
| 506 | S | 54 | 42 | E | 2,338.58 | | A point on the ground |

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|-----|---|----|----|---|----------|-----------------------|
| 507 | S | 81 | 55 | E | 1,743.94 | A point on the ground |
| 508 | S | 71 | 20 | E | 1,438.88 | A point on the ground |
| 509 | N | 69 | 44 | E | 1,065.42 | A point on the ground |
| 510 | S | 66 | 32 | E | 1,618.42 | A point on the ground |
| 511 | N | 58 | 31 | E | 2,237.12 | A point on the ground |
| 512 | S | 84 | 14 | E | 4,262.39 | A point on the ground |
| 513 | S | 19 | 54 | E | 1,960.22 | A point on the ground |
| 514 | S | 29 | 45 | W | 5,734.38 | A point on the ground |
| 515 | S | 30 | 6 | E | 3,265.99 | A point on the ground |
| 516 | S | 15 | 42 | W | 2,457.89 | A point on the ground |
| 517 | S | 0 | 22 | E | 5,100.29 | A point on the ground |
| 518 | S | 6 | 55 | E | 5,818.02 | A point on the ground |
| 519 | S | 42 | 7 | E | 2,939.54 | A point on the ground |
| 520 | S | 22 | 1 | E | 2,915.67 | A point on the ground |
| 521 | N | 86 | 43 | W | 2,125.76 | A point on the ground |
| 522 | S | 6 | 17 | W | 3,585.69 | A point on the ground |
| 523 | S | 17 | 54 | E | 1,581.71 | A point on the ground |
| 524 | N | 55 | 46 | E | 3,006.21 | A point on the ground |
| 525 | N | 8 | 41 | E | 1,398.78 | A point on the ground |
| 526 | S | 80 | 27 | E | 1,291.44 | A point on the ground |
| 527 | S | 14 | 48 | W | 3,432.71 | A point on the ground |
| 528 | S | 39 | 48 | E | 2,038.48 | A point on the ground |
| 529 | S | 36 | 14 | W | 1,486.31 | A point on the ground |
| 530 | S | 74 | 15 | E | 1,355.11 | A point on the ground |
| 531 | N | 50 | 10 | E | 2,880.75 | A point on the ground |
| 532 | S | 63 | 39 | E | 1,658.78 | A point on the ground |
| 533 | N | 43 | 56 | E | 1,921.39 | A point on the ground |
| 534 | N | 23 | 44 | W | 2,113.62 | A point on the ground |
| 535 | N | 81 | 11 | E | 1,411.26 | A point on the ground |
| 536 | S | 39 | 52 | E | 2,320.14 | A point on the ground |
| 537 | S | 15 | 37 | W | 3,254.89 | A point on the ground |
| 538 | S | 55 | 25 | W | 1,951.09 | A point on the ground |
| 539 | S | 32 | 14 | E | 3,303.19 | A point on the ground |
| 540 | N | 89 | 7 | W | 1,880.68 | A point on the ground |
| 541 | S | 15 | 6 | W | 1,973.42 | A point on the ground |
| 542 | S | 25 | 59 | W | 3,316.84 | A point on the ground |
| 543 | S | 23 | 58 | E | 3,663.54 | A point on the ground |
| 544 | N | 85 | 47 | E | 3,377.39 | A point on the ground |
| 545 | N | 34 | 26 | E | 1,714.59 | A point on the ground |
| 546 | N | 72 | 26 | E | 1,940.36 | A point on the ground |
| 547 | S | 20 | 35 | E | 951.43 | A point on the ground |

| | | | | | | |
|-----|---|----|----|---|----------|-----------------------|
| 548 | N | 69 | 15 | E | 1,913.20 | A point on the ground |
| 549 | N | 67 | 36 | W | 1,608.43 | A point on the ground |
| 550 | N | 26 | 13 | E | 1,439.08 | A point on the ground |
| 551 | N | 77 | 15 | E | 1,679.00 | A point on the ground |
| 552 | S | 66 | 21 | E | 2,749.96 | A point on the ground |
| 553 | S | 46 | 42 | E | 5,592.34 | A point on the ground |
| 554 | S | 75 | 26 | E | 1,944.17 | A point on the ground |
| 555 | S | 15 | 31 | E | 4,558.07 | A point on the ground |
| 556 | N | 43 | 14 | E | 2,786.75 | A point on the ground |
| 557 | N | 13 | 7 | W | 2,018.32 | A point on the ground |
| 558 | N | 38 | 33 | E | 826.02 | A point on the ground |
| 559 | N | 61 | 7 | E | 1,211.73 | A point on the ground |
| 560 | N | 65 | 56 | E | 2,722.50 | A point on the ground |
| 561 | N | 0 | 33 | E | 2,713.20 | A point on the ground |
| 562 | N | 70 | 38 | W | 1,447.82 | A point on the ground |
| 563 | S | 46 | 31 | W | 2,504.61 | A point on the ground |
| 564 | N | 3 | 50 | E | 2,217.34 | A point on the ground |
| 565 | S | 55 | 7 | W | 5,652.32 | A point on the ground |
| 566 | N | 8 | 23 | W | 2,732.33 | A point on the ground |
| 567 | S | 42 | 46 | W | 2,765.71 | A point on the ground |
| 568 | N | 20 | 18 | W | 2,193.76 | A point on the ground |
| 569 | N | 27 | 42 | E | 2,604.22 | A point on the ground |
| 570 | S | 49 | 55 | E | 1,905.29 | A point on the ground |
| 571 | N | 80 | 37 | E | 2,090.14 | A point on the ground |
| 572 | N | 62 | 26 | W | 993.06 | A point on the ground |
| 573 | N | 13 | 9 | E | 5,965.12 | A point on the ground |
| 574 | N | 39 | 37 | E | 2,515.95 | A point on the ground |
| 575 | S | 3 | 52 | W | 3,079.76 | A point on the ground |
| 576 | N | 66 | 1 | E | 2,123.07 | A point on the ground |
| 577 | S | 35 | 27 | E | 2,411.00 | A point on the ground |
| 578 | S | 44 | 32 | W | 2,504.02 | A point on the ground |
| 579 | S | 54 | 4 | E | 1,462.66 | A point on the ground |
| 580 | N | 67 | 10 | E | 1,907.49 | A point on the ground |
| 581 | N | 2 | 35 | W | 2,091.25 | A point on the ground |

1 **SEC. 5. Definition of Terms.** – The following terms are hereby defined for the
2 purpose of this Act:

- 1 a. *Protected Area* – refers to identified portions of land and water set aside by
2 reason of their unique physical and biological significance, managed to enhance
3 biological diversity and protected against destructive human exploitation;
- 4 b. *Buffer Zone* – refers to the identified area outside the boundaries of an
5 immediately adjacent to designated protected areas pursuant to Section 8 of the NIPAS
6 Act that need special development control in order to avoid or minimize harm to the
7 protected area;
- 8 c. *Natural Park* – refers to a relatively large area not materially/substantially altered
9 by human activity, where extractive resource uses with long term irreversible damage
10 are not allowed and maintained to protect outstanding natural scenic areas of national
11 or international significance for scientific, educational and recreational use;
- 12 d. *Biodiversity* – refers to the variety and variability among living things, and the
13 interconnectedness of all life forms in a particular environment;
- 14 e. *Non-renewable resources* – shall refer to those resources found within the
15 protected area, the natural replenishment rate of which is either not known or takes
16 more than twenty-five (25) years;
- 17 f. *Protected Species* – refers to any individual species of plants and animals that
18 are or shall be declared as protected under the Philippine laws, rules and regulations
19 issued by the DENR, species listed as protected against trade, hunting and harvest
20 under International Conventions to which the Philippines is or will become signatory
21 including but not limited to the Convention on International Trade of Endangered
22 Species (CITES). In addition to these, they include species which may be restricted for
23 use under regulations issued by the PAMB or DENR, and those particularly mentioned
24 in the Management Plan of the protected area;
- 25 g. *Tenured Migrant Communities* – are communities within protected areas which
26 have actually and continuously occupied such areas of five (5) years before the
27 designation of the same as protected areas in accordance with the NIPAS Act and are
28 solely dependent therein for subsistence;

1 h. *Non-Government Organization (NGO)*– shall refer to any civic, developmental or
2 philanthropic organization which is multi-sectoral in character;

3 i. *People's Organization (PO)*– shall refer to any grouping of people formed to
4 advance the interests of the sector represented, provided such sector is marginalized,
5 poor or disempowered; and

6 j. *Public consultation* – refers to a meeting or dialogue with the concerned or
7 affected individuals within and outside the protected area designed to identify and
8 resolve issues and problems affecting them.

9 Chapter II

10 PROTECTED AREA MANAGEMENT

11 **SEC. 6. *Management Plan.*** – Within one (1) year from the effectivity of this Act
12 and in accordance with the General Management Planning Strategy as provided in the
13 NIPAS Act there shall be a Management Plan to be prepared by the Office of the
14 Protected Area Superintendent in coordination with the local communities, local
15 government units (LGUs), appropriate offices of the DENR, non-government (NGOs)
16 and people's organizations (POs), existing operators in the park and experts with socio-
17 economic, anthropological and ecological experience in the area.

18 The Management Plan shall contain, among others, the following:

19 a. Period of applicability of the plan preferably at least five (5) years;

20 b. *Key management issues*;

21 c. Goals and objectives of management in support of Section 2 hereof;

22 d. Site management strategy;

23 e. Major management activities such as, but not limited to, enforcement of laws,
24 biodiversity conservation, habitat and wildlife management, sustainable use
25 management, infrastructure development and maintenance, fire and pest control;

26 f. Establishment and delineation of zones and the regulated and/or prohibited
27 activities therein, such as, but not limited to, multi-purpose use zones, buffer zones,
28 recreational zones, strict protection zones and other special zones which can provide
29 effective management of the protected area and promote sustainable development of all

1 legitimate stakeholders. To avoid relocation, primary consideration shall be accorded to
2 the traditional zones used which have been proven sustainable and in consonance with
3 the biodiversity and protection of the natural characteristics of the protected area; and
4 g. Visitor management programs.

5 The Management Plan shall be consistent with the nature of Samar Island as a
6 protected area under the category of a natural park. It shall be reviewed and approved
7 by the Protected Area Management Board (PAMB) and certified to by the DENR
8 Secretary that it conforms to all laws and regulations issued by the DENR. The
9 Management Plan shall not be revised nor modified except by prior consultation with the
10 PAMB and in accordance with the procedure herein set forth. If any part or section of
11 the Management Plan is inconsistent with existing laws, the DENR Secretary shall
12 certify to the other provisions of the plan that are consistent with the laws. Unless the
13 DENR Secretary accepts or adopts such inconsistent provisions, he/she shall notify the
14 PAMB of the provisions that need modification or revision.

15 In no case shall the Management Plan be approved without conducting the
16 proper public consultation by the PAMB.

17 Two (2) years before the expiration of the initial Management Plan, there shall be
18 a subsequent plan to be prepared by the Office of the Protected Area Superintendent
19 (PASu) in the same manner as the procedure and principles herein set forth and in
20 accordance with the General Management Planning Strategy as provided for in the
21 NIPAS Act. In the same period, the Office of the PASu shall cause the publication of
22 notices for comments and suggestions on the proposed successor plan in a newspaper
23 of local circulation and the actual posting of such notices in conspicuous places within
24 the local government units in the Samar Island Natural Park. The proposed new
25 Management Plan shall be made available for public perusal in all agencies, offices,
26 and organizations duly represented in the PAMB. The proposed plan shall also be made
27 available to the public during the period for comment. The final plan shall be made
28 available for public perusal as well.

1 In the event that no subsequent plan is adopted upon the expiration of the initial
2 management plan, the latter shall remain in force subject to interim modifications that
3 may be adopted by the PAMB.

4 The Management Plan shall also be made available in the language understood
5 by the people living in the area, plainly written and obtainable at the Office of the PASu
6 by the general public.

7 **SEC. 7. *The Protected Area Management Board.*** – There shall be an islandwide
8 Protected Area Management Board (PAMB) which shall serve as the highest policy-
9 making body of the Samar Island Natural Park for matters concerning solely islandwide
10 concerns. It shall be composed of the following:

11 a. The Regional Executive Director of DENR Region VIII who shall sit as PAMB
12 Chairperson;

13 b. The Provincial Governors of Samar, Eastern Samar and Northern Samar or
14 their authorized permanent representative, who shall sit as Co-Chairpersons;

15 c. A representative for each province from the Municipal Mayors with territory
16 inside the protected area chosen among themselves;

17 d. The mayor of any city with territory inside the protected area;

18 e. A representative for each province from the Barangay Captains, with territory
19 inside the protected area, chosen among themselves;

20 f. Representatives from national government agencies operating within the
21 protected area which can substantially contribute to protected area management;

22 g. At least twenty-five percent (25%) of the PAMB shall come from
23 representatives from POs/NGOs involved with protected area management, chosen
24 from among themselves; and

25 h. Other stakeholders who can potentially assist and contribute in the protection,
26 preservation, and conservation of the Samar Island Natural Park.

27 In the selection of representatives from the POs and NGOs, the following criteria
28 shall be primarily considered:

1 a) active involvement in the ecological conservation, preservation, rehabilitation
2 and protection of the protected area;

3 b) great potential in community organizing and other development works;

4 c) favorable track record in community work; and

5 d) duly accredited by the LGU concerned and by the DENR.

6 Any decision, action or policy made by the islandwide PAMB involving a
7 particular province shall only become effective upon ratification of the concerned
8 Provincial PAMB.

9 **SEC. 8.** *The Provincial Protected Area Management Board.* – A PAMB for each
10 province shall be created who shall exercise the powers and functions herein set forth
11 within their respective provincial jurisdiction. Each Provincial PAMB shall be composed
12 of the following:

13 a. The DENR-PENR Officer as Chairperson;

14 b. The Governor or his duly authorized representative as the Co-Chairperson;

15 c. The City/Municipal Mayors with territory inside the protected area;

16 d. A representative for each city/municipality from the Barangay Captains, with
17 territory inside the protected area, chosen among themselves, provided that for any
18 city/municipality with all its barangays having territory inside the protected area, the
19 President of the Association of Barangay Captains (ABC) shall be the representative of
20 Barangay Captains of the subject city/municipality;

21 e. Representatives from national government agencies operating within the
22 protected area which can substantially contribute to protected area management;

23 f. At least Twenty-Five percent (25%) of the each provincial PAMB shall come
24 from representatives from POs/NGOs involved with protected area management,
25 chosen among themselves; and

26 g. Other stakeholders who can potentially assist and contribute in the protection,
27 preservation, and conservation of the Samar Island Natural Park.

28 In the selection of representatives from the POs and NGOs, the following criteria
29 shall be primarily considered:

1 a. active involvement in the ecological conservation, preservation, rehabilitation
2 and protection of the protected area;

3 b. great potential in community organizing and other development works;

4 c. favorable track record in community work; and

5 d. duly accredited by the LGU concerned and by the DENR.

6 Any action, decision and policy made by the provincial PAMB shall be valid and
7 subsisting unless overturned by two-thirds (2/3) of islandwide PAMB.

8 Any action, decision and policy made by the islandwide PAMB or any of the
9 provincial PAMBs shall be valid and subsisting unless overturned by the Secretary for
10 either being contrary to existing laws, rules and regulations or being violative of the
11 existing applicable management plan.

12 **SEC. 9. *Term of Office.*** – Every member of the PAMB, both islandwide and
13 provincial, shall serve for a term of five (5) years provided that he/she remains a
14 member or employee of the sector or office he/she is representing. In case of a
15 vacancy, a new member shall be chosen in accordance with the original selection
16 process, however, only the remaining term shall be served.

17 **SEC. 10. *Powers and Functions.*** – The PAMB of Samar Island Natural Park
18 shall have the following powers and functions:

19 a. Decide and approve matters relating to proposals, work and action plans,
20 guidelines and policies and other activities for the management of the protected area;

21 b. Review, approve and adopt the management plans and development
22 programs and their respective implementing rules and regulations;

23 c. Recommend and approve the establishment and delineation of zones;

24 d. Establish supplemental criteria and guidelines for park fees for activities
25 regulated by this Act or the management plan subject to the approval of DENR pursuant
26 to Section 10(f) of the NIPAS Act;

27 e. Ensure the effective implementation of development activities within the
28 protected area;

1 f. Adopt rules and procedures in the conduct of business, roles, and
2 responsibilities, and discipline of its board members, including the creation of standing
3 committees;

4 g. Evaluate the performance and activities of the Office of the PASu;

5 h. Accept donations, approve proposals for funding and budget allocation and
6 exercise accountability over all funds that may accrue;

7 i. Request assistance from any government agency, office, board, private or
8 public person to achieve the objectives of this Act;

9 j. Monitor and evaluate the performance of protected area personnel, NGOs,
10 and the communities in biodiversity conservation and socio-cultural and economic
11 development and report its assessment to the DENR; and

12 k. Participate in the selection and designation process of the DENR in the
13 appointment of the Protected Area Superintendent.

14 The DENR, through the Regional Executive Director, shall ensure that the PAMB
15 acts within the scope of its powers and functions. In case of conflict between
16 Administrative Orders issued by the DENR pursuant to the NIPAS Act and other laws
17 and resolutions issued by the PAMB, the DENR Secretary shall decide whether to apply
18 the rule or withdraw its application.

19 **SEC. 11.** *The Office of the Samar Island Natural Park (SINP); Protected Area*
20 *Superintendent.* – There shall be an Office of the Samar Island Natural Park (SINP)
21 within the DENR headed by the Protected Area Superintendent (PASu) who shall have
22 a minimum salary grade level of twenty-four (24) shall serve as the chief operating
23 officer of the protected area. The PASu shall have the following powers and functions:

24 *A. Administrative*

25 1. Serve as chief administrative officer of the protected area for the purpose of
26 implementing the Management Plan as detailed in the annual work program;

27 2. Establish a productive partnership with the local community, including groups,
28 in the planning, protection, and management of the protected area;

29 3. Ensure the performance and good morale of his staff;

1 4. Ensure the proper utilization of annual budget allocations and the proper
2 disposition of fees and other funds generated within the protected area;

3 5. Develop and implement a park information, education and visitor program;

4 6. Develop and implement a natural history documentation program and to
5 oversee research that may be conducted within the area;

6 7. Integrate the roles of NGO and DENR staff in the operation of the area; and

7 8. Document the processes involved in the establishment and management of
8 the protected area, with particular reference to the development of relationships with
9 cultural communities, tenured migrants, buffer zone residents and others in establishing
10 effective protection of the area.

11 *B. Regulatory*

12 1. To act as peace officer for the purpose of maintaining peace and order within
13 the protected area. As peace officer, he shall exercise police supervision therein and
14 may arrest any person found in any place within protected areas who is committing, has
15 committed, or is about to commit an offense which is prohibited in this Act;

16 2. Enforce rules and regulations established to protect the area and preserve
17 the area from trespass, damage, injury and illegal occupancy;

18 3. Require, when necessary, any person entering or passing through or any part
19 of the protected area under his jurisdiction, to give the following information: name,
20 address, the proposed duration of stay inside the protected area and the portion which
21 he intends to visit or has visited and such other information of similar nature as may be
22 referred to him;

23 4. Summarily remove or eject from the area persons who have rendered
24 themselves obnoxious by disorderly conduct or bad behavior or who have violated any
25 of the regulations on the protected area;

26 5. Require persons cutting and/or gathering forest products or hunting or fishing
27 within the protected area to produce, upon demand, authority or permit to do so;

28 6. Seize and confiscate timber or other forest products, game birds, animals,
29 and fish including instruments, tools and conveyances used inside the protected area by

1 unlicensed persons, or if licensed, in violation of protected area laws, rules and
2 regulations, and to report them in accordance with the present rules, regulations and
3 guidelines issued by the Secretary of the DENR concerning confiscation, seizure and
4 disposition of illegally cut, gathered, transported forest products, and other natural
5 resources and confiscated wildlife; and

6 7. Perform such other powers and duties as may from time to time be prescribed
7 by higher authorities.

8 The Office of the PASu shall be supported by a sufficient number of personnel
9 who shall perform day-to-day management, protection and administration of the
10 protected area.

11 All DENR employees detailed to the protected area at the time of the effectivity of
12 this Act shall be accorded preference to form part of the Protected Area Superintendent
13 Office.

14 Chapter III

15 TENURED MIGRANTS

16 **SEC. 12. Tenured Migrants.** – Tenured Migrants shall be eligible to become
17 stewards of portions of lands within the allowed and designated zones. The PAMB shall
18 identify, verify review all tenure instruments, land claims, and issuance of permits for
19 resource use within the protected area and recommend the issuance of the appropriate
20 tenure instrument consistent with the land classification, proper and allowed use of
21 resources found therein, and zoning provided in the management and successor plans.
22 Farmers who have been cultivating land within the protected area are considered to be
23 occupying such lands and shall be entitled to a tenure instrument limited to cultivation
24 and residence provided that the rights under such can only be transferred to direct
25 descendants.

26 Nothing herein shall be construed to mean any diminution of accrued rights
27 earned by tenured migrants. If the areas occupied by tenured migrants are designated
28 as zones in which no occupation or other activities are allowed, they shall be transferred

1 to multiple use zones or buffer zones to be accomplished through just and humane
2 means.

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

6 **SEC. 13. Existing Rights.** – All prior property and private rights within the
7 protected area already existing and/or vested prior to the effectivity of this Act shall be
8 protected and respected in accordance with existing laws. Consequently, all lands
9 classified as Alienable and Disposable prior to the passage of this Act shall continue to
10 be classified as Alienable and Disposable and shall be available for titling subject to
11 existing rules and regulations.

12 Existing built up barangays and populated areas within the Municipalities of
13 Silvino Lubos in the Province of Northern Samar, Maslog and Jipapad in the Province of
14 Eastern Samar and San Jose de Buan and Matuginao in the Province of Samar, and
15 other existing built-up and populated barangays within the SINP shall be surveyed by
16 the DENR and reclassified into Alienable and Disposable in accordance with existing
17 laws, rules and regulations. Development of these areas shall be in accordance with
18 the general management plan of SINP.

19 Persons who have been cultivating land within the protected area five (5) years
20 prior to the effectivity of this Act are considered to be occupying such lands and shall be
21 entitled to a tenure instrument restricted to cultivation; Provided, That the rights under
22 such can only be transferred to direct descendants.

23 Tenured migrant instruments are transferable only to the nearest of kin.
24 However, if the land is idle for at least five (5) consecutive years, the PAMB shall have
25 the right to control and manage the area.

26 **SEC. 14. Cancellation of Tenured Migrant Instruments.** – Tenured migrant
27 instruments may be cancelled for:

28 1. violation of the terms and conditions specified therein;

1 criminal action is filed in the regular courts, the said conveyances, vessels, equipment,
2 paraphernalia, implements, gear, tools and similar devices shall be in *custodia legis* but
3 shall continue to be subject to administrative confiscation and may only be released by
4 the trial court to the owner pending trial upon consultation with the PASu and with
5 proper consideration of the pending administrative proceedings and the potential
6 forfeiture of the said objects.

7 Administrative fines collected and the proceeds of the sale of all objects
8 administratively or judicially confiscated or forfeited pursuant hereto shall accrue to the
9 Integrated Protected Area Fund. The procedure for the sale thereof shall be
10 promulgated by the PAMB.

11 The LGUs responsible for the imposition of the penalties herein, the arrest of
12 violators and confiscation of materials may claim a share in the disposition thereof while
13 the rest shall accrue to the PAMB. The sharing scheme for this shall be agreed upon by
14 LGUs and the PAMB.

15 **SEC. 17. *Special Counsel.*** – The PAMB may retain the services of a competent
16 lawyer to prosecute or assist in the prosecution of cases of defend the members of the
17 PAMB, the PASu and staff or any person assisting in the protection, conservation, and
18 sustainable development of the protected area against any legal action related to their
19 powers, functions and responsibilities as provided in this Act or as delegated or tasked
20 by the PAMB.

21 Chapter VI

22 SAMAR ISLAND PROTECTED AREA FUNDS

23 **SEC. 18. *Protected Area Funds.*** – The following shall constitute part of the
24 Samar Island Protected Area Funds:

- 25 a. Visitors/Tourist fee;
- 26 b. Registration of structures/facilities;
- 27 c. Fees and royalties from permitted cutting, sale and export of flora and fauna
28 or other resources from the protected area;
- 29 d. Fees from use of portions of the protected area and other facilities;

1 e. Donations and solicitation;

2 f. Contributions from industries and facilities directly benefiting from the
3 protected area;

4 g. Taxes from permitted sale of flora and fauna;

5 h. Such other fees and incomes derived from the conduct of permitted activities
6 in particular zones of the protected area;

7 i. Fines, fees and damages, other than those intended for rehabilitation,
8 collected from violators;

9 j. Proceeds from the sale of confiscated goods; and

10 k. Such other proceeds from prohibited or penalized acts.

11 All donations, contributions, endowments and grants to Samar Island Natural
12 Park shall accrue to its protected area subfund.

13 **SEC. 19. Utilization of the Protected Area Funds.** – As provided for in Section 16
14 of Republic Act 7586, an Integrated Protected Area Fund (IPAF) shall be established as
15 a special trust fund and shall be disbursed solely for the protection, maintenance,
16 administration and management of SINP and the System. At least seventy-five (75)
17 percent of the funds collected shall form part of the SINP Subfund which shall be
18 retained in the protected area and made readily available for disbursement upon prior
19 approval of the SINP-PAMB. The remaining fund, other than the subfund, shall form
20 part of the Central IPAF which shall, in turn, be deposited in National Treasury.

21 Disbursement from the Samar Island-IPAF shall be made only for the following
22 and should be approved by the PAMB:

23 a. Rehabilitation of denuded area, riverbanks and waterways;

24 b. Finance environment—friendly livelihood programs;

25 c. PAMB operations; and

26 d. Honorarium for deputized park wardens.

27 The PAMB shall promulgate guidelines for the Samar Island Protected Area
28 Fund within one (1) month from the approval of this Act and determine an equitable

1 sharing scheme with the LGUs concerned for the revenues derived from facilities or
2 activities within the protected area.

3 The LGUs within the protected area shall continue to impose and collect other
4 fees not enumerated herein, permissible under the 1991 Local Government Code, such
5 as business permits, property taxes and rentals of local government facilities.
6 Furthermore, the LGUs may charge additional fees on top of those already imposed by
7 the PAMB: *Provided*, That such additional fees shall be established based on the
8 contribution of the LGU to the maintenance and preservation of the protected area.

9 All donations, endowments and grants to the SINP shall accrue *in toto* to its
10 protected area subfund.

11 **EXISTING FACILITIES, UTILIZATION OF NON-RENEWABLE RESOURCES,**
12 **ENVIRONMENTAL IMPACT ASSESSMENT, AND COLLABORATION AMONG**
13 **GOVERNMENT, NON-GOVERNMENT AND PEOPLES' ORGANIZATIONS**

14 **SEC. 20.** *Existing Facilities within the Protected Area.* – Existing facilities within
15 the protected area shall be inventoried and assessed by the PAMB in accordance with
16 the objectives of this Act. All future commercial facilities within the boundaries of the
17 protected area with a total capitalization exceeding One Million Pesos (P1,000,000.00),
18 which may be periodically adjusted by the PAMB, shall submit to the PAMB through the
19 PASu the following information:

- 20 a. Environmental Impact Assessment and/or Environmental Management Plan;
21 b. Environmental Compliance Certificate, if any; and
22 c. Development Plan, if any.

23 Failure to submit the required information shall constitute a violation of this Act.
24 Based on its submission, the PAMB, with the assistance of the DENR shall assess such
25 facility and its future plan and operation vis-à-vis the objectives of this Act. The PAMB
26 may prescribe conditions for the operation of the facility to ensure that it does not
27 contradict protected area management objectives. If any of such conditions are violated,
28 a fine of Five thousand pesos (P5,000.00) for every day of violation shall be imposed. If
29 the fine reaches the total amount of Five hundred thousand pesos (P500,000.00),

1 regardless of duration, the PAMB, through the PASu and deputizing other government
2 entities, shall cause the cessation and demolition of the facility at the cost of its owners.

3 Existing and future facilities allowed within the protected area may be charged a
4 reasonable fee by the PAMB, pursuant to Section 10(f) of the NIPAS Act, on the extent
5 of its impact on the environment and biodiversity.

6 **SEC. 21. *Utilization of Non-renewable Resources For Energy Projects. Ban on***
7 ***Mining Activities.*** – Any exploitation or utilization of non-renewable resources within the
8 protected area shall not be allowed. Energy projects utilizing the non-renewable energy
9 sources within the protected area shall only be allowed through an Act by Congress.

10 No mining activities shall be allowed inside the SINP, except for extraction of
11 sand and gravel limited to five (5) hectares per permit, as devolved to the Provincial/City
12 Mining Regulatory Board and subject to prior clearance from the concerned Provincial
13 PAMB.

14 **SEC. 22. *Environmental Impact Assessment System.*** – Existing laws, rules and
15 regulations relating to Environmental Impact Assessment (EIA) shall be applicable to
16 projects and activities intended in the protected area. The issuance of the
17 Environmental Compliance Certificate (ECC) or its exemption shall be coordinated with
18 the PAMB.

19 **SEC. 23. *Collaboration Among Government, Non-Government Organizations***
20 ***and Peoples' Organizations.*** – For the purpose of attaining the objectives of this Act, all
21 government agencies, NGOs and POs and their personnel shall continuously foster and
22 develop a strong and true collaboration.

23 All NGOs and POs and private entities implementing any park conservation,
24 protection and development program must be accredited by the LGUs and the DENR.

25 **SEC. 24. *Roles of Local Government Units and National Agencies in the***
26 ***Protected Area.*** – The LGUs and relevant national agencies shall be represented in the
27 PAMB and shall have the following roles:

28 a. Apprise their respective constituents, offices, and other sectors on activities
29 and programs for the protected area;

1 b. Ensure consistency in the implementation of all activities in the protected;

2 c. Retain their ordinance-making powers over the protected area and shall
3 consider the Management Plan and the rules and regulations adopted by the PAMB in
4 their legislative agenda relating to biodiversity, conservation, protection and sustainable
5 development;

6 d. In the formulation of their development plan, local government units shall
7 consider the protected area management plan for Samar Island Protected Area to be
8 prepared by the PAMB;

9 e. Assist the PAMB in the implementation of the over-all park programs,
10 including but not limited to the imposition, collection and utilization of park fees,
11 enforcement of policies, rules and regulations and other similar park activities;

12 f. Accredit POs, NGOs and other entities and groups involved in activities within
13 the protected area; and

14 g. Provide the PAMB with relevant information and data for the effective
15 management of the protected area.

16 **SEC. 25. *Projects on Public Service Utilities.*** – All existing and future
17 development projects of public service utilities involving water services, communication
18 facilities, power and energy generation, public security, health and education services
19 and other facilities which will promote public welfare, shall be implemented within areas
20 designated/approved by the PAMB and other appropriate government agencies.

21 Chapter VII

22 APPROPRIATIONS AND MISCELLANEOUS PROVISIONS

23 **SEC. 26. *Appropriations.*** – An initial amount of Thirty-three million eight hundred
24 fifty thousand pesos (P33,850,000.00) shall be included in the general appropriations
25 act as operating budget for the Samar Island Protected Area. Thereafter, such sums as
26 may be necessary for its continued operation shall be included in the annual General
27 Appropriations Act.

28 **SEC. 27. *Separability Clause.*** – If any part or section of this Act is declared
29 unconstitutional, such declaration shall not affect the other parts or sections hereof.

1 **SEC. 28. *Repealing Clause.*** – All other existing laws, rules and regulations
2 inconsistent with this Act are hereby repealed, amended or modified accordingly.

3 **SEC. 29. *Effectivity Clause.*** – This Act shall take effect fifteen (15) days after its
4 complete publication in the Official Gazette or in at least two (2) national newspapers of
5 general circulation, whichever comes earlier.

Approved,