

MALACAÑANG  
Manila

BY THE PRESIDENT OF THE PHILIPPINES

**PROCLAMATION NO. 228**

**DECLARING MT. MALINDANG NATIONAL PARK SITUATED IN THE PROVINCE OF MISAMIS OCCIDENTAL AS A PROTECTED AREA AND ITS PERIPHERAL AREAS AS BUFFER ZONE PURSUANT TO REPUBLIC ACT 7586 (NIPAS ACT OF 1992) AND SHALL BE KNOWN AS MT. MALINDANG NATURAL PARK**

Upon recommendation of the Secretary of Environment and Natural Resources and pursuant to the powers vested upon me by law, I, **GLORIA MACAPAGAL-ARROYO**, President of the Philippines, do hereby set aside and declare, for the benefit of the populace of the Provinces of Misamis Occidental, Zamboanga del Norte and Zamboanga del Sur and of the entire Philippines, certain parcels of land of the public domain covering Mt. Malindang Range situated at the eastern tip of the Zamboanga Peninsula, province of Misamis Occidental subject to prior private rights and without prejudice to the rights of the indigenous peoples as provided for in R.A. No. 8371, DENR Administrative Order 93-02 and other related rules and regulation, if any there be, as a Protected area under the category of a Natural Park, and its peripheral areas as buffer zone, subject to ground verification.

The Mt. Malindang Natural Park Protected Area shall have the following technical description, to wit:

Beginning at point marked "1" on DENR NIPAS Map No. 07 at N 4°52'8"13,316,43 meters more or less, from BLLM No. 35 at 8°09'12.2" latitude and 123°50'55.43" longitude, Barangay Tiaman, Municipality of Bonifacio, Misamis Occidental, thence;

Thence N48° 37' 53" E	420.73 meters to point 2
Thence S80° 02' 58" W	916.54 meters to point 3
Thence N05° 20' 53" W	3,921.45 meters to point 4
Thence N08° 51' 30" W	589.72 meters to point 5
Thence N60° 47' 47" E	345.48 meters to point 6
Thence N20° 49' 35" W	621.95 meters to point 7
Thence S87° 50' 53" E	537.63 meters to point 8
Thence N15° 09' 20" E	898.63 meters to point 9
Thence N46° 40' 39" E	929.98 meters to point 10
Thence N14° 44' 32" E	538.86 meters to point 11
Thence S82° 10' 29" W	575.17 meters to point 12
Thence N80° 39' 05" W	134.66 meters to point 13
Thence N04° 09' 39" W	745.09 meters to point 14
Thence N 80°58'15" E	398.25 meters to point 15

Thence N 05°28'23" W	1,978.33 meters to point 16
Thence N 28°35'42" W	463.19 meters to point 17
Thence N 20°15'59" W	609.15 meters to point 18
Thence N 70°10'16" W	71.49 meters to point 19
Thence N 14°47'28" E	399.29 meters to point 20
Thence N 07°01'39" W	486.84 meters to point 21
Thence S 83°43'26" W	635.75 meters to point 22
Thence N 75°19'53" W	556.32 meters to point 23
Thence N 53°54'19" E	582.97 meters to point 24
Thence N 89°28'14" E	859.04 meters to point 25
Thence N 38°13'58" W	2,143.06 meters to point 26
Thence N 82°53'32" E	1,908.79 meters to point 27
Thence N 12°00'09" E	549.70 meters to point 28
Thence N 89°03'43" E	1,042.33 meters to point 29
Thence N 00°02'23" W	994.13 meters to point 30
Thence N 15°28'28" W	944.03 meter to point 31
— Thence N 84°50'47" W	1,065.93 meters to point 32
Thence S 85°41'10" W	1,005.35 meters to point 33
Thence N 19°24'54" W	411.39 meters to point 34
Thence N 21°32'19" W	726.09 meters to point 35
Thence N 59°55'17" W	666.79 meters to point 36
Thence N 48°30'21" E	533.36 meters to point 37
Thence N 53°04'43" W	817.66 meters to point 38
Thence N 08°22'30" W	996.82 meters to point 39
Thence N 78°24'01" E	249.60 meters to point 40
Thence N 35°44'02" E	1,137.37 meters to point 41
Thence N 65°37'41" W	657.33 meters to point 42
Thence N 07°09'12" E	453.72 meters to point 43
Thence N 23°08'52" E	871.27 meters to point 44
Thence N 12°13'55" W	1,273.79 meters to point 45
Thence N 40°41'15" E	1,244.19 meters to point 46
Thence N 47°07'44" E	397.31 meters to point 47
Thence N 55°19'23" E	932.97 meters to point 48
Thence N 40°19'16" E	541.77 meters to point 49
Thence N 81°49'40" E	1,132.18 meters to point 50
Thence S 52°27'36" E	581.39 meters to point 51
Thence N 24°03'34" E	1,708.90 meters to point 52
Thence N 37°15'10" E	645.51 meters to point 53
Thence S 42°03'16" E	1,149.77 meters to point 54
Thence N42 <sup>0</sup> 11' 12" E	1,161.50 meters to point 55
Thence N28 <sup>0</sup> 14' 02" E	2,089.40 meters to point 56
Thence S26 <sup>0</sup> 51' 18" E	132.54 meters to point 57
Thence S02 <sup>0</sup> 52' 55" W	274.72 meters to point 58
Thence S04 <sup>0</sup> 52' 51" E	210.83 meters to point 59
Thence S01 <sup>0</sup> 06' 25" W	559.73 meters to point 60
Thence S06 <sup>0</sup> 26' 59" E	296.00 meters to point 61

Thence S17 <sup>0</sup> 51' 05" W	733.57 meters to point 62
Thence S07 <sup>0</sup> 12' 16" E	509.33 meters to point 63
Thence S42 <sup>0</sup> 16' 59" E	186.44 meters to point 64
Thence S02 <sup>0</sup> 06' 51" W	523.54 meters to point 65
Thence S86 <sup>0</sup> 21' 08" E	406.70 meters to point 66
Thence N65 <sup>0</sup> 06' 44" E	211.04 meters to point 67
Thence N51 <sup>0</sup> 43' 48" E	406.16 meters to point 68
Thence S71 <sup>0</sup> 15' 28" E	965.97 meters to point 69
Thence N13 <sup>0</sup> 13' 14" E	506.94 meters to point 70
Thence S86 <sup>0</sup> 50' 34" E	351.78 meters to point 71
Thence S06 <sup>0</sup> 56' 15" E	2,109.63 meters to point 72
Thence N83 <sup>0</sup> 41' 39" E	1,217.18 meters to point 73
Thence S36 <sup>0</sup> 00' 05" W	305.16 meters to point 74
Thence S12 <sup>0</sup> 23' 51" E	1,195.31 meters to point 75
Thence N45 <sup>0</sup> 19' 25" E	445.88 meters to point 76
Thence N45 <sup>0</sup> 37' 08" E	1,010.65 meters to point 77
Thence N75 <sup>0</sup> 21' 58" E	687.49 meters to point 78
Thence S69 <sup>0</sup> 36' 21" E	1,718.00 meters to point 79
Thence S 78 <sup>0</sup> 24' 36" W	777.73 meters to point 80
Thence S 40 <sup>0</sup> 34' 28" E	318.44 meters to point 81
Thence S 30 <sup>0</sup> 27' 39" E	156.33 meters to point 82
Thence S 60 <sup>0</sup> 10' 19" W	593.21 meters to point 83
Thence S 11 <sup>0</sup> 41' 53" W	1,154.73 meters to point 84
Thence S 87 <sup>0</sup> 06' 27" E	1,693.10 meters to point 85
Thence S 38 <sup>0</sup> 11' 05" W	1,593.54 meters to point 86
Thence S 48 <sup>0</sup> 55' 08" W	507.61 meters to point 87
Thence S 50 <sup>0</sup> 58' 13" E	1,012.94 meters to point 88
Thence S 38 <sup>0</sup> 36' 06" W	442.18 meters to point 89
Thence S 61 <sup>0</sup> 59' 04" E	750.86 meters to point 90
Thence S 17 <sup>0</sup> 35' 36" W	2,361.19 meters to point 91
Thence S 33 <sup>0</sup> 34' 20" W	430.50 meters to point 92
Thence S 28 <sup>0</sup> 27' 53" E	268.95 meters to point 93
Thence S 20 <sup>0</sup> 06' 49" W	758.98 meters to point 94
Thence S 16 <sup>0</sup> 00' 05" W	518.07 meters to point 95
Thence S 08 <sup>0</sup> 38' 36" W	375.96 meters to point 96
Thence S 22 <sup>0</sup> 04' 49" W	966.17 meters to point 97
Thence N 88 <sup>0</sup> 39' 31" W	744.95 meters to point 98
Thence N 75 <sup>0</sup> 41' 47" W	1,276.51 meters to point 99
Thence S 41 <sup>0</sup> 55' 50" W	623.95 meters to point 100
Thence S 54 <sup>0</sup> 19' 29" E	2,239.84 meters to point 101
Thence S60 <sup>0</sup> 31' 18" W	1,886.83 meters to point 102
Thence S57 <sup>0</sup> 00' 50" E	1,361.39 meters to point 103
Thence S02 <sup>0</sup> 53' 38" W	756.40 meters to point 104
Thence S52 <sup>0</sup> 10' 48" W	954.34 meters to point 105
Thence N83 <sup>0</sup> 16' 34" W	251.42 meters to point 106
Thence S03 <sup>0</sup> 30' 50" W	1,201.26 meters to point 107

Thence S79 <sup>0</sup> 53' 58" E	1,061.64 meters to point 108
Thence S47 <sup>0</sup> 37' 18" E	1,503.38 meters to point 109
Thence S42 <sup>0</sup> 51' 16" W	739.00 meters to point 110
Thence S54 <sup>0</sup> 18' 21" W	737.09 meters to point 111
Thence S41 <sup>0</sup> 24' 40" E	583.18 meters to point 112
Thence S81 <sup>0</sup> 49' 30" E	959.94 meters to point 113
Thence S05 <sup>0</sup> 59' 32" W	1,837.41 meters to point 114
Thence S69 <sup>0</sup> 47' 12" W	745.81 meters to point 115
Thence S02 <sup>0</sup> 28' 56" E	888.96 meters to point 116
Thence S77 <sup>0</sup> 49' 57" E	322.62 meters to point 117
Thence S15 <sup>0</sup> 56' 56" E	554.08 meters to point 118
Thence S77 <sup>0</sup> 41' 33" E	216.09 meters to point 119
Thence S28 <sup>0</sup> 52' 16" E	309.11 meters to point 120
Thence S49 <sup>0</sup> 11' 41" W	201.80 meters to point 121
Thence S29 <sup>0</sup> 13' 39" W	291.84 meters to point 122
Thence N77 <sup>0</sup> 32' 55" W	361.76 meters to point 123
Thence S22 <sup>0</sup> 40' 08" W	184.71 meters to point 124
Thence S57 <sup>0</sup> 14' 22" E	332.29 meters to point 125
Thence S20 <sup>0</sup> 20' 27" W	1,088.17 meters to point 126
Thence N86 <sup>0</sup> 24' 59" W	395.96 meters to point 127
Thence S25 <sup>0</sup> 01' 28" W	146.57 meters to point 128
Thence S56 <sup>0</sup> 42' 43" E	528.61 meters to point 129
Thence S52 <sup>0</sup> 15' 02" E	574.97 meters to point 130
Thence S68 <sup>0</sup> 19' 19" W	129.27 meters to point 131
Thence S46 <sup>0</sup> 14' 30" W	216.16 meters to point 132
Thence N89 <sup>0</sup> 17' 59" W	317.02 meters to point 133
Thence S19 <sup>0</sup> 34' 18" W	492.19 meters to point 134
Thence S85 <sup>0</sup> 50' 10" W	202.28 meters to point 135
Thence S24 <sup>0</sup> 50' 00" W	1,669.57 meters to point 136
Thence N63 <sup>0</sup> 50' 23" W	360.07 meters to point 137
Thence S46 <sup>0</sup> 21' 29" W	484.86 meters to point 138
Thence S36 <sup>0</sup> 05' 19" W	756.32 meters to point 139
Thence N44 <sup>0</sup> 10' 39" W	163.14 meters to point 140
Thence S08 <sup>0</sup> 15' 08" E	290.44 meters to point 141
Thence N63 <sup>0</sup> 40' 17" W	345.53 meters to point 142
Thence N67 <sup>0</sup> 49' 58" W	741.43 meters to point 143
Thence N76 <sup>0</sup> 19' 35" W	237.16 meters to point 144
Thence S77 <sup>0</sup> 28' 13" W	924.77 meters to point 145
Thence S02 <sup>0</sup> 19' 57" E	301.00 meters to point 146
Thence N60 <sup>0</sup> 29' 32" W	817.19 meters to point 147
Thence S44 <sup>0</sup> 57' 09" W	320.76 meters to point 148
Thence N76 <sup>0</sup> 08' 11" W	568.37 meters to point 149
Thence N62 <sup>0</sup> 39' 01" W	900.05 meters to point 150
Thence S86 <sup>0</sup> 23' 05" W	252.75 meters to point 151
Thence S33 <sup>0</sup> 45' 20" W	303.47 meters to point 152
Thence S65 <sup>0</sup> 20' 52" W	782.17 meters to point 153

Thence N14 <sup>0</sup> 35' 53" W	905.87 meters to point 154
Thence S71 <sup>0</sup> 15' 22" W	304.39 meters to point 155
Thence N59 <sup>0</sup> 52' 54" W	593.50 meters to point 156
Thence N85 <sup>0</sup> 08' 22" W	462.48 meters to point 157
Thence N10 <sup>0</sup> 46' 23" W	1,387.64 meters to point 158
Thence N45 <sup>0</sup> 04' 42" E	194.45 meters to point 159
Thence N11 <sup>0</sup> 25' 08" W	470.37 meters to point 160
Thence N11 <sup>0</sup> 29' 47" E	561.01 meters to point 161
Thence N74 <sup>0</sup> 11' 57" W	1,337.47 meters to point 1

And the Buffer Zone shall have the following technical description, to wit:

PARCEL 1

Thence N67 <sup>0</sup> 49' 58" E	180.86 meters to point 2 *
Thence N46 <sup>0</sup> 19' 35" E	237.16 meters to point 3 *
Thence S77 <sup>0</sup> 28' 13" E	56.02 meters to point 4 *
Thence S69 <sup>0</sup> 58' 25" E	20.62 meters to point 5
Thence S60 <sup>0</sup> 50' 01" E	139.79 meters to point 6
Thence S66 <sup>0</sup> 48' 38" E	152.85 meters to point 7
Thence S86 <sup>0</sup> 32' 26" E	99.43 meters to point 8
Thence N71 <sup>0</sup> 59' 31" W	74.20 meters to point 9
Thence N07 <sup>0</sup> 33' 40" W	6.18 meters to point 1

PARCEL 2

Thence N14 <sup>0</sup> 35' 53" W	383.50 meters to point 2 *
Thence S71 <sup>0</sup> 15' 22" W	304.40 meters to point 3 *
Thence N59 <sup>0</sup> 53' 54" W	227.74 meters to point 4 *
Thence S43 <sup>0</sup> 52' 41" E	15.78 meters to point 5
Thence S52 <sup>0</sup> 38' 46" E	152.46 meters to point 6
Thence S50 <sup>0</sup> 58' 21" E	155.04 meters to point 7
Thence S46 <sup>0</sup> 18' 04" E	136.24 meters to point 8
Thence S46 <sup>0</sup> 02' 05" E	159.08 meters to point 9
Thence S87 <sup>0</sup> 36' 02" E	65.68 meters to point 10
Thence N67 <sup>0</sup> 18' 36" E	54.60 meters to point 1

PARCEL 3

Thence S20 <sup>0</sup> 20' 27" W	570.05 meters to point 2 *
Thence N86 <sup>0</sup> 24' 59" W	395.96 meters to point 3 *
Thence S25 <sup>0</sup> 01' 28" W	146.57 meters to point 4 *
Thence S56 <sup>0</sup> 42' 43" E	528.61 meters to point 5 *
Thence S52 <sup>0</sup> 15' 02" E	574.97 meters to point 6 *
Thence S68 <sup>0</sup> 19' 19" E	129.27 meters to point 7 *
Thence S46 <sup>0</sup> 14' 31" W	216.16 meters to point 8 *
Thence N89 <sup>0</sup> 17' 59" W	317.02 meters to point 9 *
Thence S19 <sup>0</sup> 34' 18" W	492.19 meters to point 10*
Thence S85 <sup>0</sup> 50' 10" W	202.28 meters to point 11*

Thence S24 <sup>0</sup> 50' 00" W	1,669.57 meters to point 12*
Thence N63 <sup>0</sup> 50' 23" W	360.07 meters to point 13*
Thence S46 <sup>0</sup> 21' 29" W	484.86 meters to point 14*
Thence S36 <sup>0</sup> 05' 19" W	262.06 meters to point 15*
Thence N72 <sup>0</sup> 59' 56" E	1,120.92 meters to point 16
Thence N53 <sup>0</sup> 08' 10" E	485.59 meters to point 17
Thence N83 <sup>0</sup> 39' 27" E	684.00 meters to point 18
Thence N23 <sup>0</sup> 57' 39" E	425.07 meters to point 19
Thence N49 <sup>0</sup> 32' 11" W	964.42 meters to point 20
Thence N47 <sup>0</sup> 01' 49" E	1,076.5 meters to point 21
Thence N84 <sup>0</sup> 47' 50" W	119.24 meters to point 22
Thence N47 <sup>0</sup> 17' 21" W	381.74 meters to point 23
Thence N70 <sup>0</sup> 20' 50" W	641.69 meters to point 24
Thence N14 <sup>0</sup> 20' 53" W	478.94 meters to point 25
Thence N50 <sup>0</sup> 03' 40" W	605.17 meters to point 26
Thence Due West	345.31 meters to point 27
Thence N67 <sup>0</sup> 08' 47" W	208.56 meters to point 1

#### PARCEL 4

Thence S17 <sup>0</sup> 35' 36" W	747.61 meters to point 2 *
Thence S33 <sup>0</sup> 34' 20" W	430.50 meters to point 3 *
Thence S28 <sup>0</sup> 27' 53" E	268.95 meters to point 4 *
Thence S20 <sup>0</sup> 06' 49" W	758.98 meters to point 5 *
Thence S16 <sup>0</sup> 00' 05" W	518.07 meters to point 6 *
Thence S08 <sup>0</sup> 38' 36" W	375.96 meters to point 7 *
Thence S22 <sup>0</sup> 04' 49" W	966.17 meters to point 8 *
Thence N88 <sup>0</sup> 39' 31" W	744.95 meters to point 9 *
Thence N75 <sup>0</sup> 41' 47" W	1,276.51 meters to point 10*
Thence S41 <sup>0</sup> 55' 50" W	623.95 meters to point 11*
Thence S54 <sup>0</sup> 19' 29" E	2,239.84 meters to point 12*
Thence S60 <sup>0</sup> 31' 18" W	1,886.83 meters to point 13*
Thence S57 <sup>0</sup> 00' 50" E	1,361.39 meters to point 14*
Thence S02 <sup>0</sup> 53' 38" W	756.40 meters to point 15*
Thence S52 <sup>0</sup> 10' 48" W	954.34 meters to point 16*
Thence N83 <sup>0</sup> 16' 34" W	251.42 meters to point 17*
Thence S03 <sup>0</sup> 30' 50" W	1,201.26 meters to point 18*
Thence S79 <sup>0</sup> 53' 58" E	1,061.64 meters to point 19*
Thence S47 <sup>0</sup> 37' 18" E	1,503.38 meters to point 20*
Thence S42 <sup>0</sup> 51' 16" W	739.00 meters to point 21*
Thence S54 <sup>0</sup> 18' 21" W	737.09 meters to point 22*
Thence S41 <sup>0</sup> 24' 41" E	583.18 meters to point 23*
Thence S81 <sup>0</sup> 49' 30" E	959.94 meters to point 24*
Thence S05 <sup>0</sup> 59' 32" W	675.41 meters to point 25*
Thence N70 <sup>0</sup> 19' 50" E	950.33 meters to point 26
Thence N87 <sup>0</sup> 17' 00" E	188.59 meters to point 27
Thence Due North	188.31 meters to point 28

Thence N17 <sup>0</sup> 53' 19" W	292.19 meters to point 29
Thence N59 <sup>0</sup> 43' 51" W	124.61 meters to point 30
Thence S88 <sup>0</sup> 19' 16" W	305.07 meters to point 31
Thence N25 <sup>0</sup> 12' 20" W	168.48 meters to point 32
Thence N22 <sup>0</sup> 06' 00" E	309.83 meters to point 33
Thence N71 <sup>0</sup> 52' 53" E	519.12 meters to point 34
Thence S84 <sup>0</sup> 10' 27" E	883.56 meters to point 35
Thence N51 <sup>0</sup> 04' 31" E	299.82 meters to point 36
Thence N84 <sup>0</sup> 26' 42" E	648.86 meters to point 37
Thence N63 <sup>0</sup> 25' 53" E	441.29 meters to point 38
Thence N13 <sup>0</sup> 06' 55" E	948.62 meters to point 39
Thence N61 <sup>0</sup> 33' 02" E	244.81 meters to point 40
Thence S88 <sup>0</sup> 09' 51" E	1,121.83 meters to point 41
Thence N71 <sup>0</sup> 32' 60" E	226.91 meters to point 42
Thence N10 <sup>0</sup> 18' 28" E	100.24 meters to point 43
Thence N61 <sup>0</sup> 48' 12" W	578.17 meters to point 44
Thence N80 <sup>0</sup> 32' 12" W	597.57 meters to point 45
Thence N61 <sup>0</sup> 01' 37" W	1,806.89 meters to point 46
Thence N20 <sup>0</sup> 09' 32" W	751.54 meters to point 47
Thence N45 <sup>0</sup> 00' 00" W	391.56 meters to point 48
Thence N84 <sup>0</sup> 08' 56" W	350.07 meters to point 49
Thence N23 <sup>0</sup> 20' 53" W	1,147.60 meters to point 50
Thence N80 <sup>0</sup> 47' 44" W	305.94 meters to point 51
Thence N32 <sup>0</sup> 53' 05" W	165.03 meters to point 52
Thence N15 <sup>0</sup> 25' 10" E	491.05 meters to point 53
Thence N38 <sup>0</sup> 19' 32" W	1,092.42 meters to point 54
Thence N87 <sup>0</sup> 03' 59" W	318.73 meters to point 55
Thence N51 <sup>0</sup> 22' 16" W	52.25 meters to point 56
Thence N35 <sup>0</sup> 04' 56" E	194.76 meters to point 57
Thence N66 <sup>0</sup> 02' 23" E	312.42 meters to point 58
Thence N89 <sup>0</sup> 00' 41" E	920.01 meters to point 59
Thence N50 <sup>0</sup> 41' 42" E	112.68 meters to point 60
Thence Due North	190.31 meters to point 61
Thence N29 <sup>0</sup> 02' 15" W	81.64 meters to point 62
Thence N41 <sup>0</sup> 40' 23" E	2,898.28 meters to point 63
Thence N06 <sup>0</sup> 55' 59" E	1,671.85 meters to point 64
Thence N43 <sup>0</sup> 27' 14" W	191.65 meters to point 65
Thence N88 <sup>0</sup> 45' 23" W	673.85 meters to point 66
Thence N54 <sup>0</sup> 16' 11" W	514.15 meters to point 67
Thence N67 <sup>0</sup> 37' 32" W	134.64 meters to point 68
Thence N72 <sup>0</sup> 46' 31" W	892.79 meters to point 1

PARCEL 5

Thence S48 <sup>0</sup> 59' 34" W	205.65 meters to point 2 *
Thence S50 <sup>0</sup> 58' 13" E	1,012.95 meters to point 3 *
Thence S38 <sup>0</sup> 36' 06" W	442.18 meters to point 4 *

Thence S61 <sup>0</sup> 59' 04" E	750.86 meters to point 5 *
Thence S17 <sup>0</sup> 35' 36" W	1,073.46 meters to point 6 *
Thence S77 <sup>0</sup> 56' 40" E	114.91 meters to point 7
Thence N55 <sup>0</sup> 17' 58" E	84.54 meters to point 8
Thence N05 <sup>0</sup> 07' 03" E	510.10 meters to point 9
Thence N52 <sup>0</sup> 41' 56" E	141.19 meters to point 10
Thence N62 <sup>0</sup> 08' 45" E	160.26 meters to point 11
Thence N04 <sup>0</sup> 02' 02" E	152.82 meters to point 12
Thence N45 <sup>0</sup> 00' 00" W	75.66 meters to point 13
Thence N02 <sup>0</sup> 48' 41" E	150.37 meters to point 14
Thence N31 <sup>0</sup> 21' 16" E	147.62 meters to point 15
Thence N46 <sup>0</sup> 50' 12" E	442.65 meters to point 16
Thence N20 <sup>0</sup> 18' 24" W	105.89 meters to point 17
Thence N39 <sup>0</sup> 27' 37" W	131.38 meters to point 18
Thence N52 <sup>0</sup> 39' 35" W	791.78 meters to point 19
Thence N63 <sup>0</sup> 25' 06" W	193.45 meters to point 20
Thence N75 <sup>0</sup> 37' 00" W	643.25 meters to point 21
Thence N03 <sup>0</sup> 40' 56" E	89.53 meters to point 1

#### PARCEL 6

Thence S78 <sup>0</sup> 24' 37" W	507.59 meters to point 2 *
Thence S40 <sup>0</sup> 34' 28" E	318.44 meters to point 3 *
Thence S30 <sup>0</sup> 27' 39" E	156.33 meters to point 4 *
Thence S60 <sup>0</sup> 10' 19" W	59321 meters to point 5 *
Thence S11 <sup>0</sup> 41' 53" W	1,154.73 meters to point 6 *
Thence S87 <sup>0</sup> 06' 27" E	1,693.10 meters to point 7 *
Thence S38 <sup>0</sup> 11' 05" W	1,238.13 meters to point 8 *
Thence N56 <sup>0</sup> 51' 30" E	391.20 meters to point 9
Thence N40 <sup>0</sup> 32' 02" E	542.01 meters to point 10
Thence S79 <sup>0</sup> 36' 36" E	364.22 meters to point 11
Thence N80 <sup>0</sup> 08' 11" E	139.37 meters to point 12
Thence N49 <sup>0</sup> 42' 10" E	360.07 meters to point 13
Thence S89 <sup>0</sup> 24' 45" E	585.09 meters to point 14
Thence S07 <sup>0</sup> 35' 32" E	90.36 meters to point 15
Thence S57 <sup>0</sup> 05' 42" W	241.72 meters to point 16
Thence S17 <sup>0</sup> 05' 46" E	81.21 meters to point 17
Thence N81 <sup>0</sup> 25' 05" E	639.98 meters to point 18
Thence N71 <sup>0</sup> 36' 33" E	1,108.41 meters to point 19
Thence S47 <sup>0</sup> 34' 42" E	866.46 meters to point 20
Thence S 87°56'49" E	118.64 meters to point 21
Thence S 52°18'32" E	117.76 meters to point 22
Thence N 77°51'17" E	281.62 meters to point 23
Thence N 77°11'48" E	548.83 meters to point 24
Thence N 55°33'40" E	1,156.44 meters to point 25
Thence N 86°19'33" E	120.94 meters to point 26
Thence N 35°49'13" E	552.12 meters to point 27



Thence N 55°17'39" W	61.58 meters to point 28
Thence S 57°04'09" W	408.14 meters to point 29
Thence N 88°50'53" W	385.45 meters to point 30
Thence N 74°27'30" W	298.35 meters to point 31
Thence S 58°17'25" W	1,695.99 meters to point 32
Thence S 69°31'41" W	299.14 meters to point 33
Thence S 85°19'43" W	228.7 meters to point 34
Thence N 09°51'37" E	87.23 meters to point 35
Thence N 52°05'40" E	1,155.46 meters to point 36
Thence N 87°52'17" E	302.9 meters to point 37
Thence N 71°11'56" E	370.98 meters to point 38
Thence N 44°59'59" E	163.78 meters to point 39
Thence N 14°33'12" E	104.22 meters to point 40
Thence N 17°40'26" W	86.26 meters to point 41
Thence N 68°37'51" W	92.28 meters to point 42
Thence S 59°01'54" W	130.69 meters to point 43
Thence S 78°41'11" W	381.03 meters to point 44
Thence N 73°43'21" W	93.73 meters to point 45
Thence S 72°24'38" W	321.40 meters to point 46
Thence N 75°58'01" W	277.34 meters to point 47
Thence S 54°10'41" W	446.91 meters to point 48
Thence N 87°16'15" W	118.13 meters to point 49
Thence N 39°12'52" W	201.67 meters to point 50
Thence N 78°18'12" W	121.78 meters to point 51
Thence S 49°45'58" W	1,260.62 meters to point 52
Thence S 72°14'10" W	107.96 meters to point 53
Thence S 88°16'43" W	547.18 meters to point 54
Thence N 69°37'57" W	153.54 meters to point 55
Thence N 04°03'56" E	115.48 meters to point 56
Thence N 61°38'22" E	761.81 meters to point 57
Thence N 07°44'08" E	672.37 meters to point 58
Thence N 53°53'35" W	403.66 meters to point 59
Thence Due West	263.56 meters to point 60
Thence S64 <sup>0</sup> 58' 48" W	346.24 meters to point 61
Thence N80 <sup>0</sup> 12' 27" W	123.11 meters to point 62
Thence S55 <sup>0</sup> 41' 07" W	845.92 meters to point 63
Thence N86 <sup>0</sup> 41' 28" W	149.44 meters to point 64
Thence N59 <sup>0</sup> 09' 29" W	186.64 meters to point 65
Thence N39 <sup>0</sup> 49' 53" W	426 meters to point 1

PARCEL 7

Thence N75 <sup>0</sup> 21' 59" E	646.65 meters to point 2 *
Thence S69 <sup>0</sup> 36' 21" E	898.86 meters to point 3 *
Thence N50 <sup>0</sup> 13' 28" W	244.13 meters to point 4
Thence N73 <sup>0</sup> 11' 17" W	325.86 meters to point 5
Thence N79 <sup>0</sup> 22' 57" W	196.74 meters to point 6

Thence N74 <sup>0</sup> 06' 09" W	123.21 meters to point 7
Thence N82 <sup>0</sup> 10' 46" W	250.33 meters to point 8
Thence S68 <sup>0</sup> 35' 31" W	270.54 meters to point 9
Thence S55 <sup>0</sup> 58' 47" W	189.35 meters to point 1

PARCEL 8

Thence N83 <sup>0</sup> 41' 39" E	642.39 meters to point 2 *
Thence S36 <sup>0</sup> 00' 05" W	305.16 meters to point 3 *
Thence S12 <sup>0</sup> 23' 51" E	1,195.31 meters to point 4 *
Thence N45 <sup>0</sup> 19' 26" E	445.88 meters to point 5 *
Thence N45 <sup>0</sup> 37' 08" E	340.32 meters to point 6 *
Thence S60 <sup>0</sup> 29' 59" W	363.00 meters to point 7
Thence S86 <sup>0</sup> 50' 03" W	157.30 meters to point 8
Thence N36 <sup>0</sup> 18' 30" W	265.25 meters to point 9
Thence N07 <sup>0</sup> 07' 31" W	175.86 meters to point 10
Thence N08 <sup>0</sup> 37' 03" E	145.58 meters to point 11
Thence N45 <sup>0</sup> 48' 33" E	219.05 meters to point 12
Thence Due North	187.63 meters to point 13
Thence N41 <sup>0</sup> 25' 34" E	197.80 meters to point 14
Thence N49 <sup>0</sup> 45' 49" E	371.45 meters to point 15
Thence N69 <sup>0</sup> 26' 51" E	111.80 meters to point 16
Thence N85 <sup>0</sup> 45' 09" E	118.14 meters to point 17
Thence N28 <sup>0</sup> 17' 35" E	128.83 meters to point 18
Thence N09 <sup>0</sup> 51' 41" E	101.82 meters to point 19
Thence N47 <sup>0</sup> 28' 43" E	142.04 meters to point 20
Thence N31 <sup>0</sup> 48' 22" E	414.93 meters to point 21
Thence N22 <sup>0</sup> 46' 49" E	839.69 meters to point 22
Thence N44 <sup>0</sup> 59' 59" E	207.98 meters to point 23
Thence N70 <sup>0</sup> 42' 59" E	164.08 meters to point 24
Thence N44 <sup>0</sup> 01' 41" E	323.02 meters to point 25
Thence N15 <sup>0</sup> 14' 36" E	264.82 meters to point 26
Thence N52 <sup>0</sup> 00' 17" E	628.76 meters to point 27
Thence N29 <sup>0</sup> 03' 27" E	239.09 meters to point 28
Thence N06 <sup>0</sup> 39' 53" E	643.54 meters to point 29
Thence N60 <sup>0</sup> 55' 31" W	68.94 meters to point 30
Thence S69 <sup>0</sup> 29' 22" W	993.75 meters to point 31
Thence S55 <sup>0</sup> 37' 14" W	154.18 meters to point 32
Thence S29 <sup>0</sup> 05' 23" W	2,107.25 meters to point 33
Thence S39 <sup>0</sup> 08' 15" W	371.23 meters to point 34
Thence S07 <sup>0</sup> 06' 36" W	380.74 meters to point 35
Thence S32 <sup>0</sup> 23' 04" W	206.19 meters to point 36
Thence S53 <sup>0</sup> 58' 01" W	231.09 meters to point 37
Thence S88 <sup>0</sup> 02' 47" W	374.03 meters to point 38
Thence S37 <sup>0</sup> 42' 27" W	578.99 meters to point 1

PARCEL 9

Thence S06 <sup>0</sup> 56' 15" E	816.94 meters to point 2 *
Thence N83 <sup>0</sup> 41' 39" E	344.89 meters to point 3 *
Thence N32 <sup>0</sup> 48' 54" E	445.98 meters to point 4
Thence N01 <sup>0</sup> 50' 47" E	188.16 meters to point 5
Thence N21 <sup>0</sup> 48' 50" E	163.32 meters to point 6
Thence N61 <sup>0</sup> 04' 29" E	263.35 meters to point 7
Thence N45 <sup>0</sup> 35' 20" E	175.86 meters to point 8
Thence Due North	109.13 meters to point 9
Thence N47 <sup>0</sup> 54' 31" E	253.43 meters to point 10
Thence N63 <sup>0</sup> 07' 31" E	496.36 meters to point 11
Thence N11 <sup>0</sup> 41' 07" E	179.60 meters to point 12
Thence N05 <sup>0</sup> 26' 16" E	127.95 meters to point 13
Thence N19 <sup>0</sup> 04' 47" E	166.92 meters to point 14
Thence N06 <sup>0</sup> 01' 01" E	347.60 meters to point 15
Thence N62 <sup>0</sup> 48' 01" E	328.02 meters to point 16
Thence N49 <sup>0</sup> 10' 55" E	202.42 meters to point 17
Thence N29 <sup>0</sup> 21' 43" E	639.24 meters to point 18
Thence N41 <sup>0</sup> 22' 21" E	389.78 meters to point 19
Thence N59 <sup>0</sup> 02' 11" E	365.53 meters to point 20
Thence N79 <sup>0</sup> 18' 59" E	375.57 meters to point 21
Thence N45 <sup>0</sup> 00' 00" E	118.18 meters to point 22
Thence N23 <sup>0</sup> 58' 23" E	137.21 meters to point 23
Thence N47 <sup>0</sup> 54' 31" E	290.91 meters to point 24
Thence N20 <sup>0</sup> 33' 59" E	119.02 meters to point 25
Thence N02 <sup>0</sup> 04' 29" E	383.25 meters to point 26
Thence N36 <sup>0</sup> 23' 10" E	164.36 meters to point 27
Thence N07 <sup>0</sup> 08' 08" E	168.43 meters to point 28
Thence N63 <sup>0</sup> 24' 52" W	77.93 meters to point 29
Thence S66 <sup>0</sup> 21' 38" W	121.58 meters to point 30
Thence S45 <sup>0</sup> 25' 13" W	674.69 meters to point 31
Thence S66 <sup>0</sup> 29' 22" W	174.69 meters to point 32
Thence S78 <sup>0</sup> 10' 33" W	305.93 meters to point 33
Thence S46 <sup>0</sup> 07' 27" W	502.36 meters to point 34
Thence S24 <sup>0</sup> 54' 41" W	215.00 meters to point 35
Thence S41 <sup>0</sup> 41' 42" W	459.24 meters to point 36
Thence S00 <sup>0</sup> 32' 00" W	745.23 meters to point 37
Thence S81 <sup>0</sup> 52' 25" W	393.96 meters to point 38
Thence N86 <sup>0</sup> 41' 14" W	481.30 meters to point 39
Thence S73 <sup>0</sup> 35' 55" W	325.82 meters to point 40
Thence S48 <sup>0</sup> 21' 30" W	187.84 meters to point 41
Thence S34 <sup>0</sup> 44' 35" W	392.40 meters to point 42
Thence S17 <sup>0</sup> 30' 30" W	812.52 meters to point 43
Thence S22 <sup>0</sup> 02' 13" W	471.24 meters to point 44
Thence S76 <sup>0</sup> 23' 03" W	247.97 meters to point 1

PARCEL 10

Thence S	86 <sup>0</sup> 50' 34" E	266.78 meters to point 2 *
Thence S	06 <sup>0</sup> 56' 15" E	866.18 meters to point 3 *
Thence N	70 <sup>0</sup> 17' 38" E	156.81 meters to point 4
Thence N	51 <sup>0</sup> 35' 03" W	316.44 meters to point 5
Thence N	13 <sup>0</sup> 34' 24" W	255.13 meters to point 6
Thence N	14 <sup>0</sup> 23' 04" E	172.08 meters to point 7
Thence N	30 <sup>0</sup> 58' 27" E	174.51 meters to point 8
Thence N	06 <sup>0</sup> 12' 08" E	197.85 meters to point 9
Thence N	73 <sup>0</sup> 01' 18" E	160.95 meters to point 10
Thence N	51 <sup>0</sup> 19' 43" E	191.64 meters to point 11
Thence N	40 <sup>0</sup> 01' 21" E	139.56 meters to point 12
Thence N	28 <sup>0</sup> 37' 07" E	321.39 meters to point 13
Thence N	50 <sup>0</sup> 43' 08" E	121.52 meters to point 14
Thence N	88 <sup>0</sup> 09' 46" E	132.57 meters to point 15
Thence S	71 <sup>0</sup> 48' 48" E	314.99 meters to point 16
Thence N	88 <sup>0</sup> 53' 01" E	218.10 meters to point 17
Thence N	56 <sup>0</sup> 46' 55" E	180.94 meters to point 18
Thence N	35 <sup>0</sup> 16' 33" E	430.94 meters to point 19
Thence N	26 <sup>0</sup> 33' 27" E	211.09 meters to point 20
Thence N	07 <sup>0</sup> 35' 41" E	194.83 meters to point 21
Thence	Due North	201.69 meters to point 22
Thence N	06 <sup>0</sup> 50' 43" W	216.04 meters to point 23
Thence N	17 <sup>0</sup> 11' 11" W	188.67 meters to point 24
Thence N	30 <sup>0</sup> 28' 00" W	169.24 meters to point 25
Thence	Due West	103.00 meters to point 26
Thence S	36 <sup>0</sup> 53' 12" W	85.80 meters to point 27
Thence S	25 <sup>0</sup> 34' 04" W	994.17 meters to point 28
Thence S	87 <sup>0</sup> 52' 06" W	115.96 meters to point 29
Thence S	66 <sup>0</sup> 40' 09" W	238.30 meters to point 30
Thence S	82 <sup>0</sup> 54' 34" W	103.79 meters to point 31
Thence S	53 <sup>0</sup> 21' 26" W	113.41 meters to point 32
Thence S	33 <sup>0</sup> 42' 14" W	143.50 meters to point 33
Thence S	29 <sup>0</sup> 44' 23" W	262.44 meters to point 34
Thence S	44 <sup>0</sup> 07' 56" W	166.32 meters to point 35
Thence S	61 <sup>0</sup> 02' 38" W	194.29 meters to point 36
Thence S	75 <sup>0</sup> 57' 49" W	134.26 meters to point 37
Thence S	51 <sup>0</sup> 32' 36" W	157.07 meters to point 38
Thence S	44 <sup>0</sup> 26' 14" W	521.87 meters to point 39
Thence S	30 <sup>0</sup> 28' 46" W	262.46 meters to point 1

PARCEL 11

Thence S	71 <sup>0</sup> 15' 29" E	316.05 meters to point 2 *
Thence N	13 <sup>0</sup> 13' 14" E	382.41 meters to point 3 *
Thence S	41 <sup>0</sup> 54' 20" W	279.98 meters to point 4
Thence S	72 <sup>0</sup> 40' 06" W	209.38 meters to point 1

PARCEL 12

Thence S	86 <sup>0</sup> 21' 08" E	85.92 meters to point 2 *
Thence N	65 <sup>0</sup> 06' 44" E	211.04 meters to point 3 *
Thence N	51 <sup>0</sup> 43' 48" E	406.16 meters to point 4 *
Thence S	71 <sup>0</sup> 15' 29" E	451.09 meters to point 5 *
Thence N	45 <sup>0</sup> 21' 30" W	529.94 meters to point 6
Thence N	26 <sup>0</sup> 11' 07" W	215.14 meters to point 7
Thence N	00 <sup>0</sup> 45' 34" W	240.52 meters to point 8
Thence N	22 <sup>0</sup> 31' 32" W	140.47 meters to point 9
Thence S	88 <sup>0</sup> 18' 10" W	107.61 meters to point 10
Thence S	37 <sup>0</sup> 58' 00" W	164.58 meters to point 11
Thence S	28 <sup>0</sup> 16' 38" W	474.29 meters to point 12
Thence S	06 <sup>0</sup> 01' 32" W	578.13 meters to point 1

PARCEL 13

Thence N	28 <sup>0</sup> 14' 02" E	847.64 meters to point 2 *
Thence S	26 <sup>0</sup> 51' 18" E	28.43 meters to point 3 *
Thence N	08 <sup>0</sup> 29' 19" E	976.38 meters to point 4
Thence S	79 <sup>0</sup> 11' 32" W	528.63 meters to point 5
Thence S	06 <sup>0</sup> 20' 54" E	341.97 meters to point 6
Thence S	02 <sup>0</sup> 30' 11" W	1,081.97 meters to point 7
Thence S	09 <sup>0</sup> 57' 20" W	169.55 meters to point 1

PARCEL 14

Thence S	42 <sup>0</sup> 03' 16" E	687.14 meters to point 2 *
Thence N	42 <sup>0</sup> 11' 12" E	1,161.50 meters to point 3 *
Thence N	28 <sup>0</sup> 14' 02" E	395.08 meters to point 4 *
Thence S	85 <sup>0</sup> 04' 50" W	246.35 meters to point 5
Thence S	61 <sup>0</sup> 19' 48" W	739.69 meters to point 6
Thence S	53 <sup>0</sup> 23' 50" W	147.38 meters to point 7
Thence S	74 <sup>0</sup> 10' 17" W	210.81 meters to point 8
Thence S	50 <sup>0</sup> 02' 59" W	276.14 meters to point 1

PARCEL 15

Thence S	80 <sup>0</sup> 02' 58" W	916.54 meters to point 2 *
Thence N	05 <sup>0</sup> 20' 53" W	3921.45 meters to point 3 *
Thence N	08 <sup>0</sup> 51' 30" W	589.72 meters to point 4 *
Thence N	60 <sup>0</sup> 47' 47" E	345.48 meters to point 5 *
Thence N	20 <sup>0</sup> 49' 35" W	621.95 meters to point 6 *
Thence S	87 <sup>0</sup> 50' 53" E	537.63 meters to point 7 *
Thence N	15 <sup>0</sup> 09' 20" E	898.63 meters to point 8 *
Thence N	46 <sup>0</sup> 40' 39" E	929.98 meters to point 9 *
Thence N	14 <sup>0</sup> 44' 32" E	538.86 meters to point 10*
Thence S	82 <sup>0</sup> 10' 29" W	575.17 meters to point 11*
Thence N	80 <sup>0</sup> 39' 05" W	134.66 meters to point 12*

Thence N	04 <sup>0</sup> 09' 39" W	745.09 meters to point 13*
Thence N	80 <sup>0</sup> 58' 15" E	398.25 meters to point 14*
Thence N	05 <sup>0</sup> 28' 23" W	1978.33 meters to point 15*
Thence N	28 <sup>0</sup> 35' 42" W	463.19 meters to point 16*
Thence N	20 <sup>0</sup> 15' 59" W	609.15 meters to point 17*
Thence N	70 <sup>0</sup> 10' 16" W	71.49 meters to point 18*
Thence N	14 <sup>0</sup> 47' 28" E	399.29 meters to point 19*
Thence N	07 <sup>0</sup> 01' 39" W	486.84 meters to point 20*
Thence S	83 <sup>0</sup> 43' 26" W	635.75 meters to point 21*
Thence N	75 <sup>0</sup> 19' 53" W	556.32 meters to point 22*
Thence N	53 <sup>0</sup> 54' 19" E	582.97 meters to point 23*
Thence N	89 <sup>0</sup> 28' 14" E	859.04 meters to point 24*
Thence N	38 <sup>0</sup> 13' 58" W	2143.06 meters to point 25*
Thence N	82 <sup>0</sup> 53' 32" E	1908.79 meters to point 26*
Thence N	12 <sup>0</sup> 00' 09" E	549.70 meters to point 27*
Thence N	89 <sup>0</sup> 03' 43" E	1042.33 meters to point 28*
Thence N	00 <sup>0</sup> 02' 23" W	994.13 meters to point 29*
Thence N	15 <sup>0</sup> 28' 28" W	944.03 meters to point 30*
Thence N	84 <sup>0</sup> 50' 47" W	1065.93 meters to point 31*
Thence S	85 <sup>0</sup> 41' 10" W	1005.35 meters to point 32*
Thence N	19 <sup>0</sup> 24' 54" W	411.39 meters to point 33*
Thence N	21 <sup>0</sup> 32' 19" W	726.08 meters to point 34*
Thence N	59 <sup>0</sup> 55' 17" W	666.79 meters to point 35*
Thence N	48 <sup>0</sup> 30' 21" E	533.36 meters to point 36*
Thence N	53 <sup>0</sup> 04' 43" W	817.66 meters to point 37*
Thence N	08 <sup>0</sup> 22' 30" W	996.82 meters to point 38*
Thence N	78 <sup>0</sup> 24' 01" E	249.60 meters to point 39*
Thence N	35 <sup>0</sup> 44' 02" E	1,137.37 meters to point 40*
Thence N	65 <sup>0</sup> 37' 42" W	657.33 meters to point 41*
Thence N	07 <sup>0</sup> 09' 12" E	453.72 meters to point 42*
Thence N	23 <sup>0</sup> 08' 52" E	871.27 meters to point 43*
Thence N	12 <sup>0</sup> 13' 55" W	1,273.79 meters to point 44*
Thence N	40 <sup>0</sup> 41' 15" E	1,244.19 meters to point 45*
Thence N	47 <sup>0</sup> 07' 44" E	397.31 meters to point 46*
Thence N	55 <sup>0</sup> 19' 23" E	932.97 meters to point 47*
Thence N	40 <sup>0</sup> 19' 16" E	541.77 meters to point 48*
Thence N	81 <sup>0</sup> 49' 40" E	1,132.18 meters to point 49*
Thence N	52 <sup>0</sup> 27' 36" E	581.39 meters to point 50*
Thence N	24 <sup>0</sup> 03' 34" E	1708.90 meters to point 51*
Thence N	37 <sup>0</sup> 15' 10" E	645.51 meters to point 52*
Thence S	42 <sup>0</sup> 03' 16" E	213.75 meters to point 53
Thence N	59 <sup>0</sup> 18' 45" E	638.40 meters to point 54
Thence N	41 <sup>0</sup> 02' 03" E	488.19 meters to point 55
Thence N	13 <sup>0</sup> 34' 31" E	203.43 meters to point 56
Thence N	49 <sup>0</sup> 24' 50" W	125.75 meters to point 57
Thence N	83 <sup>0</sup> 17' 37" W	116.67 meters to point 58

Thence S	69° 09' 44" W	153.21 meters to point 59
Thence N	30° 45' 46" W	333.34 meters to point 60
Thence N	75° 12' 10" W	747.61 meters to point 61
Thence N	07° 13' 38" W	1,642.93 meters to point 62
Thence N	21° 12' 24" E	3,359.36 meters to point 63
Thence N	01° 19' 47" W	1,193.20 meters to point 64
Thence N	07° 46' 00" W	616.03 meters to point 65
Thence N	56° 20' 24" W	100.02 meters to point 66
Thence S	42° 21' 38" W	638.18 meters to point 67
Thence S	66° 21' 53" W	242.26 meters to point 68
Thence S	16° 42' 44" E	612.04 meters to point 69
Thence S	04° 50' 11" W	441.82 meters to point 70
Thence S	37° 52' 23" W	632.62 meters to point 71
Thence S	02° 39' 50" W	597.08 meters to point 72
Thence S	18° 53' 25" W	557.13 meters to point 73
Thence S	07° 07' 40" E	335.47 meters to point 74
Thence S	41° 58' 22" W	186.63 meters to point 75
Thence N	56° 58' 13" W	330.92 meters to point 76
Thence N	02° 51' 48" W	555.51 meters to point 77
Thence N	81° 51' 53" W	98.05 meters to point 78
Thence S	31° 45' 22" W	342.60 meters to point 79
Thence N	41° 38' 01" W	167.08 meters to point 80
Thence N	04° 30' 47" E	1586.17 meters to point 81
Thence N	80° 20' 19" E	144.87 meters to point 82
Thence N	02° 36' 24" E	83.84 meters to point 83
Thence N	24° 12' 22" W	83.53 meters to point 84
Thence N	42° 17' 12" W	169.90 meters to point 85
Thence N	23° 09' 19" E	629.73 meters to point 86
Thence N	24° 38' 17" W	100.60 meters to point 87
Thence N	77° 43' 21" W	179.29 meters to point 88
Thence S	63° 26' 05" W	187.41 meters to point 89
Thence S	07° 03' 16" W	403.05 meters to point 90
Thence S	73° 13' 07" W	250.68 meters to point 91
Thence S	18° 27' 03" W	72.28 meters to point 92
Thence S	62° 24' 07" E	189.15 meters to point 93
Thence S	03° 22' 13" E	64.86 meters to point 94
Thence S	77° 20' 32" W	538.78 meters to point 95
Thence S	49° 05' 08" W	240.67 meters to point 96
Thence S	12° 58' 57" W	1,725.99 meters to point 97
Thence S	49° 58' 12" W	259.64 meters to point 98
Thence S	25° 40' 30" E	458.87 meters to point 99
Thence S	45° 00' 54" W	168.69 meters to point 100
Thence S	88° 03' 44" W	469.46 meters to point 101
Thence S	40° 34' 27" W	73.32 meters to point 102
Thence S	14° 02' 34" W	131.11 meters to point 103
Thence	Due South	175.00 meters to point 104

Thence S	50° 43' 18" W	113.04 meters to point 105
Thence N	47° 16' 37" W	3471.59 meters to point 106
Thence N	65° 33' 46" W	216.04 meters to point 107
Thence S	51° 00' 25" W	241.57 meters to point 108
Thence N	63° 25' 60" W	919.53 meters to point 109
Thence N	74° 16' 29" W	956.55 meters to point 110
Thence S	65° 13' 29" W	127.97 meters to point 111
Thence S	00° 40' 26" E	759.93 meters to point 112
Thence S	89° 23' 26" E	840.36 meters to point 113
Thence N	68° 29' 32" E	317.08 meters to point 114
Thence S	29° 44' 49" W	648.59 meters to point 115
Thence S	68° 29' 32" W	317.08 meters to point 116
Thence S	09° 45' 10" E	2,175.95 meters to point 117
Thence S	06° 05' 43" W	1,011.21 meters to point 118
Thence S	84° 40' 10" E	735.31 meters to point 119
Thence N	13° 44' 05" W	452.24 meters to point 120
Thence N	25° 27' 53" E	454.12 meters to point 121
Thence N	48° 53' 59" E	608.86 meters to point 122
Thence S	81° 51' 20" E	138.08 meters to point 123
Thence S	34° 18' 52" E	744.59 meters to point 124
Thence S	72° 38' 40" E	163.64 meters to point 125
Thence N	73° 17' 13" E	101.93 meters to point 126
Thence N	13° 37' 58" E	331.46 meters to point 127
Thence N	62° 14' 07" E	209.57 meters to point 128
Thence N	33° 50' 20" W	1,034.26 meters to point 129
Thence	Due North	165.94 meters to point 130
Thence N	70° 48' 44" E	237.71 meters to point 131
Thence N	15° 16' 09" E	222.61 meters to point 132
Thence N	88° 52' 41" E	497.91 meters to point 133
Thence S	39° 08' 12" E	2,567.55 meters to point 134
Thence S	80° 37' 15" W	1,137.90 meters to point 135
Thence S	04° 05' 09" E	1,370.17 meters to point 136
Thence S	67° 04' 52" W	1,579.23 meters to point 137
Thence N	77° 42' 21" W	779.31 meters to point 138
Thence S	84° 08' 48" W	765.43 meters to point 139
Thence N	59° 28' 16" W	441.95 meters to point 140
Thence N	86° 49' 29" W	176.02 meters to point 141
Thence S	51° 18' 56" W	499.78 meters to point 142
Thence S	00° 26' 30" W	1,070.28 meters to point 143
Thence S	34° 04' 33" E	411.84 meters to point 144
Thence S	60° 27' 42" E	345.97 meters to point 145
Thence S	89° 30' 17" E	1,163.92 meters to point 146
Thence N	51° 08' 55" E	463.79 meters to point 147
Thence S	83° 17' 29" E	343.48 meters to point 148
Thence S	36° 52' 05" E	351.16 meters to point 149
Thence	Due East	551.81 meters to point 150



Thence S	03 <sup>0</sup> 56' 41" W	291.63 meters to point 151
Thence S	49 <sup>0</sup> 55' 05" W	2,399.70 meters to point 152
Thence S	81 <sup>0</sup> 24' 52" W	1,328.83 meters to point 153
Thence S	00 <sup>0</sup> 01' 14" W	12,179.44 meters to point 154
Thence S	72 <sup>0</sup> 35' 30" E	347.41 meters to point 155
Thence N	59 <sup>0</sup> 35' 23" E	861.09 meters to point 156
Thence S	30 <sup>0</sup> 15' 36" E	224.24 meters to point 157
Thence S	08 <sup>0</sup> 23' 35" E	995.46 meters to point 158
Thence S	22 <sup>0</sup> 49' 54" W	998.48 meters to point 159
Thence S	02 <sup>0</sup> 51' 33" E	323.28 meters to point 160
Thence S	36 <sup>0</sup> 52' 28" E	484.32 meters to point 161
Thence S	03 <sup>0</sup> 55' 32" E	1,650.56 meters to point 162
Thence S	46 <sup>0</sup> 28' 01" W	445.36 meters to point 163
Thence S	24 <sup>0</sup> 46' 38" E	231.15 meters to point 164
Thence S	68 <sup>0</sup> 50' 08" E	536.63 meters to point 165
Thence N	84 <sup>0</sup> 48' 40" E	178.29 meters to point 166
Thence S	06 <sup>0</sup> 54' 59" E	536.66 meters to point 167
Thence N	83 <sup>0</sup> 12' 31" W	682.85 meters to point 168
Thence	Due South	258.31 meters to point 169
Thence S	61 <sup>0</sup> 14' 47" W	969.12 meters to point 170
Thence S	00 <sup>0</sup> 16' 15" E	4,100.23 meters to point 171
Thence N	80 <sup>0</sup> 21' 45" E	2,278.79 meters to point 172
Thence S	02 <sup>0</sup> 36' 06" W	933.53 meters to point 173
Thence S	28 <sup>0</sup> 42' 11" E	679.57 meters to point 174
Thence N	87 <sup>0</sup> 23' 55" E	311.20 meters to point 175
Thence S	24 <sup>0</sup> 23' 04" E	977.83 meters to point 176
Thence S	48 <sup>0</sup> 41' 28" E	1,510.24 meters to point 177
Thence N	75 <sup>0</sup> 28' 09" E	319.60 meters to point 178
Thence S	56 <sup>0</sup> 18' 36" E	123.94 meters to point 179
Thence S	42 <sup>0</sup> 52' 58" W	437.82 meters to point 180
Thence S	17 <sup>0</sup> 06' 02" W	467.61 meters to point 181
Thence S	56 <sup>0</sup> 19' 19" E	165.23 meters to point 182
Thence S	26 <sup>0</sup> 33' 54" W	153.73 meters to point 183
Thence S	75 <sup>0</sup> 57' 04" E	330.79 meters to point 184
Thence S	31 <sup>0</sup> 13' 51" E	1,259.67 meters to point 185
Thence N	80 <sup>0</sup> 41' 23" E	278.54 meters to point 186
Thence N	10 <sup>0</sup> 46' 23" W	1,300.21 meters to point 187*
Thence N	45 <sup>0</sup> 04' 42" E	194.45 meters to point 188*
Thence N	11 <sup>0</sup> 25' 08" W	470.37 meters to point 189*
Thence N	11 <sup>0</sup> 29' 47" E	561.01 meters to point 190*
Thence N	74 <sup>0</sup> 11' 57" W	1,337.48 meters to point 191*
Thence N	48 <sup>0</sup> 37' 53" E	420.73 meters to point 1*

\*corners that correspond with the PA boundary corners

Point of beginning containing an area of THIRTY FOUR THOUSAND SIX HUNDRED NINETY FOUR (34,694) hectares for the Protected Area, more or less, and EIGHTEEN THOUSAND THREE HUNDRED THIRTY FOUR (18,334) hectares for the Buffer Zone, more or less, subject to actual ground survey.

It shall be under the administrative jurisdiction of the Department of Environment and Natural Resources (DENR) and shall be administered in accordance with the provision f the NIPAS Act of 1992.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the Republic of the Philippines to be affixed.

Done in the City of Manila. this 2<sup>nd</sup> day of August, in the year of Our Lord, two thousand and two.

**(SGD.) GLORIA MACAPAGAL-ARROYO**  
*President*

By the President:

**(SGD.) ALBERTO G. ROMULO**  
*Executive Secretary*