LAND SUITABILITY MAP

NATURAL RUBBER

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

PROVINCE OF MISAMIS ORIENTAL

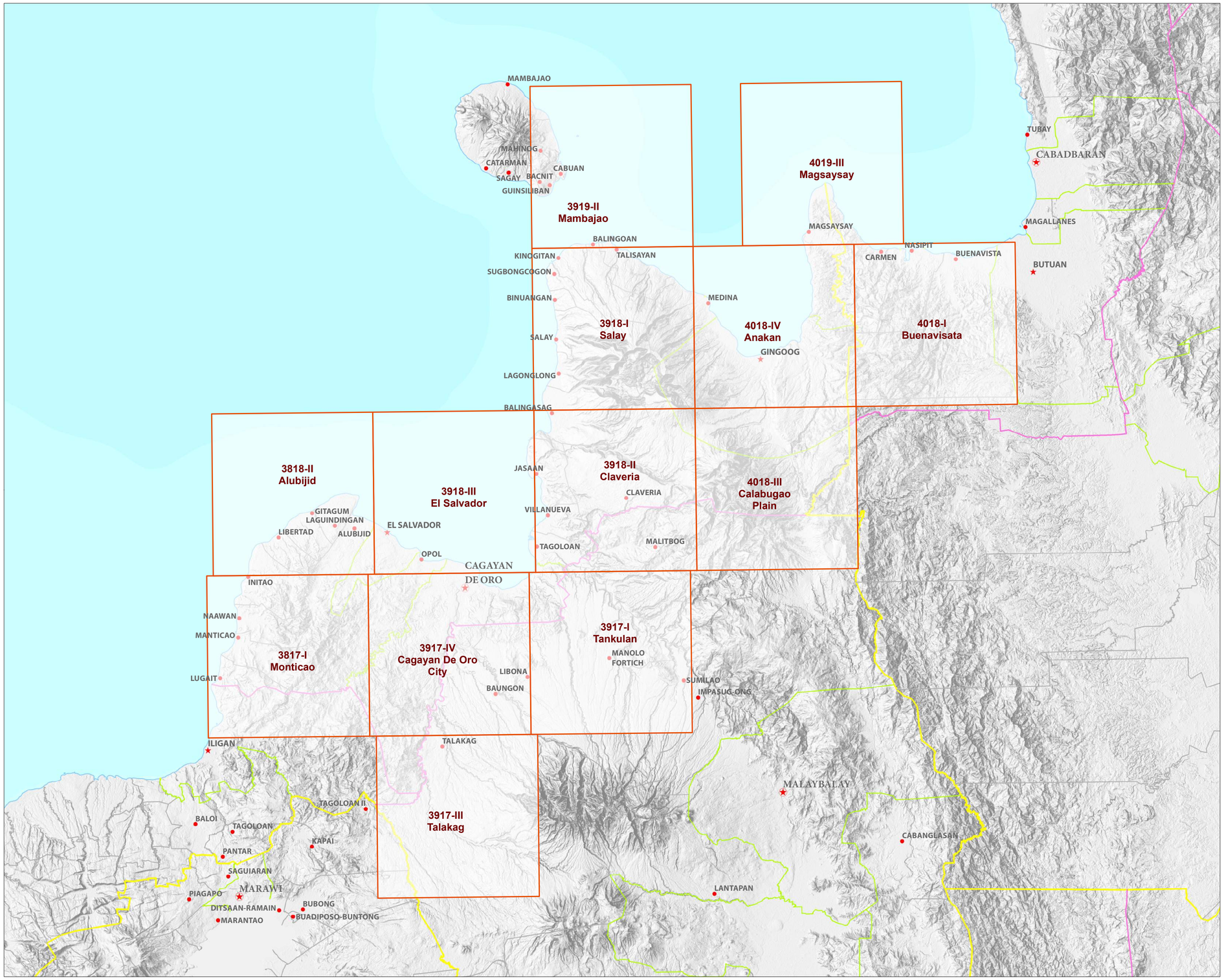


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MAP INDEX

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

PROVINCE OF MISAMIS ORIENTAL



LEGEND

Places

- Capital City
- City
- Capital Town
- Town

Administrative Boundary

- Regional
- Provincial
- City
- Municipal

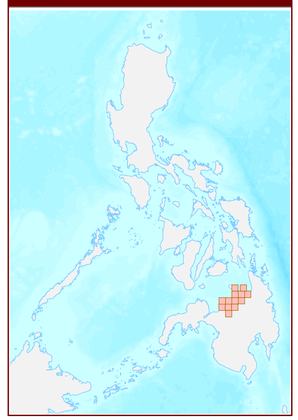
Map Index

- Index grid

Topographic Relief

Bathymetry

LOCATION MAP



MISCELLANEOUS INFORMATION

Land suitabilityinformation produced by the Bureau of Soils and Water Management (BSWM) through the **Land Resources Evaluation and Suitability Assessment of Strategic Production Areas for Major Commodities Project** duly supported by the Philippine Council on Agriculture and Fisheries (PCAF) and funded by the Bureau of Agricultural Research (BAR).

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LAND SUITABILITY MAP FOR RUBBER

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

MISAMIS ORIENTAL, REGION X

EXTENT OF SUITABILITY FOR RUBBER PRODUCTION BY MUNICIPALITY

MUNICIPALITY	Existing Rubber (Ha)			TOTAL EXISTING AREA (Ha)	EXPANSION AREA (Ha)						CONFLICT RESOLUTION (Ha)										TOTAL POTENTIAL EXPANSION AREAS (Ha)
					Coconut		Shrubland, unmanaged*		Grassland, unmanaged*		Corn		Cassava		Cacao		Mango		Other Crops		
	S1	S2	S3		S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	
ALUBIJID	-	-	-	-	457	784	49	483	3	379	2,025	1,162	-	-	-	-	-	-	-	-	5,341
BALINGASAG	-	-	-	-	1,286	1,584	2	202	-	60	1,326	1,357	-	-	1	3	-	-	1	2	5,824
BALINGOAN	-	-	-	-	93	1,338	-	208	-	1,312	6	194	-	-	1	2	-	-	-	1	3,156
BINUANGAN	-	-	-	-	20	736	-	-	-	-	-	21	-	-	-	-	-	-	-	-	778
CAGAYAN DE ORO CITY	-	-	-	-	1,094	2,647	27	1,137	63	1,399	1,910	2,152	5	22	1	-	-	15	-	-	10,474
CITY OF EL SALVADOR	-	-	-	-	228	837	30	356	9	231	2,567	2,001	-	-	-	-	-	-	-	-	6,259
CLAVERIA	-	-	-	-	163	1,807	2	1,117	-	303	1,165	11,510	-	-	-	2	-	-	-	2	16,072
GINGOOG CITY	-	-	-	-	3,598	11,211	34	1,180	-	402	620	2,125	-	-	-	-	-	-	-	-	19,170
GITAGUM	-	-	-	-	167	178	-	42	-	2	1,052	1,392	-	-	-	-	-	-	-	-	2,833
INITAO	-	-	-	-	1,264	2,709	-	-	-	15	193	332	-	-	-	-	-	-	-	-	4,513
JASAAN	-	-	-	-	460	1,261	2	12	-	-	382	675	-	-	-	-	-	-	-	-	2,791
KINOGUITAN	-	-	-	-	565	1,837	-	21	-	317	65	205	-	-	-	1	-	-	-	1	3,012
LAGONGLONG	-	-	-	-	259	241	-	-	-	3	315	290	-	-	2	-	-	-	1	-	1,111
LAGUINDINGAN	-	-	-	-	26	99	-	-	217	58	1,197	1,364	-	-	-	1	-	-	-	-	2,962
LIBERTAD	-	-	-	-	178	643	-	-	-	48	218	608	-	-	-	-	-	-	-	-	1,696
LUGAIT	-	-	-	-	166	1,266	-	11	8	18	-	-	-	-	-	1	-	-	-	-	1,470
MAGSAYSAY	-	-	-	-	1,107	1,197	29	210	13	311	290	97	-	-	1	-	-	-	-	-	3,253
MANTICAO	-	-	-	-	1,319	1,610	-	59	-	104	57	9	-	-	1	1	-	-	-	-	3,160
MEDINA	-	-	-	-	508	1,848	-	54	-	82	-	3	-	-	-	-	-	-	-	-	2,495
NAAWAN	-	-	-	-	1,048	1,248	-	23	-	97	101	5	-	-	2	-	-	-	-	-	2,524
OPOL	-	-	-	-	200	400	-	534	3	2,955	609	827	-	-	-	1	-	-	-	-	5,528
SALAY	-	-	-	-	223	1,062	-	48	-	531	5	65	-	-	-	1	-	-	-	1	1,935
SUGBONGCOGON	-	-	-	-	285	1,376	-	-	-	376	13	94	-	-	1	1	-	-	1	-	2,148
TAGOLOAN	-	-	-	-	250	208	24	66	-	48	613	271	-	-	1	-	-	-	-	-	1,483
TALISAYAN	-	-	-	-	144	894	43	995	-	415	41	170	-	-	-	-	-	-	-	-	2,703
VILLANUEVA	-	-	-	-	161	300	1	10	9	2	294	479	-	-	-	1	-	-	-	-	1,259
TOTAL	-	-	-	-	15,271	39,322	244	6,768	326	9,471	15,064	27,410	5	22	11	14	-	15	2	6	**113,951**

Note: Delivery of rubber planting materials must be started on the onset of rainy season.
**establishment of shade trees prior to planting of rubber.*

AGRONOMIC REQUIREMENT OF RUBBER PRODUCTION

LAND UTILIZATION TYPE	SUITABILITY RATING	SLOPE (%)	SOIL DEPTH (cm)	SOIL TEXTURE	SOIL DRAINAGE	SOIL REACTION (pH)	INHERENT FERTILITY	FLOODING CLASS	EROSION CLASS	ROCK OUTCROPS	ELEVATION (masl)	ANNUAL RAINFALL (mm)	CLIMATIC TYPE
Rubber Tree	S1	<8	>100	CL, SiCL, SCL, SC, SiC, C, HC	WD,MWD, SPD	5.6 -7.2	high	none-slight	none-slight	none-few	<500	1000-2000	III, IV
	S2	8 - 30	30 - 100	FSL, L, SiL, SL	PD,VPD	4.5 - 5.5 7.3 - 7.8	medium	moderate	moderate	common	500-1000	2001-4500	I, II, III
	S3	>30	<30	S, LS, CSL	ED	<4.5 - > 7.9	low	severe	severe	many	>1000	<1000 >4500	

SLOPE (%)
0 - 3 - level to gently sloping
3 - 8 - gently sloping to undulating
8 - 18 - undulating to rolling
18 - 30 - rolling to moderately steep
30 - 50 - steep
> 50 - very steep

SOIL DEPTH (cm)
0 - 30 - very shallow
30 - 50 - shallow
50 - 100 - moderately deep
> 100 - deep to very deep

SOIL DRAINAGE
ED - excessively drained
WD - well drained
MWD - moderately well drained
SPD - somewhat poorly drained
PD - poorly drained
VPD - very poorly drained

SURFACE IMPEDIMENT
ROCK OUTCROPS
< 10% - none - few
10 - 30% - common
> 30% - many

SOIL REACTION (pH)
< 4.5 - extremely acid
4.5 - 5.0 - very strongly acid
5.1 - 5.5 - strongly acid
5.6 - 6.0 - medium acid
6.1 - 6.5 - slightly acid
6.6 - 7.2 - neutral
7.3 - 7.8 - mildly alkaline
7.9 - 8.4 - moderately alkaline
> 8.5 - strongly alkaline

SOIL TEXTURE
Coarse
S - sand
LS - loamy sand
CSL - coarse sandy loam
SL - sandy loam
Medium
FSL - fine sandy loam
L - loam
SiL - silt loam
CL - clay loam
SiCL - silty clay loam
SCL - sandy clay loam
Fine
SC - sandy clay
SiC - silty clay
C - clay
HC - heavy clay

LAND LIMITATIONS DESCRIPTION AND COMBINATIONS

ELEVATION
El2 - 500 - 1000m or 2000 - 2500m
El3 - < 500m or > 2500m

SLOPE/TOPOGRAPHY
T2 - Undulating to moderately steep
T3 - Steep to very steep

SOIL DRAINAGE
D2 - Somewhat poorly drained to poorly drained
D3 - Very poorly drained or excessively drained

SOIL TEXTURE
Tc - Coarse texture

SOIL DEPTH
Sh2 - Shallow to moderately deep (30 - 100cm)
Sh3 - Very shallow (< 30cm)

ROCK OUTCROPS
Rc2 - Common
Rc3 - Many

SOIL EROSION
E2 - Moderate erosion
E3 - Severe erosion

FLOODING
F2 - Moderate seasonal flooding
F3 - Severe seasonal flooding

CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION
1	El2	*11*	T2	*21*	T2-El2-E3-Sh2-Rc2	*31*	T3	*41*	T3-El2-E3-Sh3-Rc3	*51*	T3-El2-E3-Rc3
2	El2-E2-Rc3	*12*	T2-E2-Sh2-Rc2	*22*	T2-El2-E3-Sh2-Rc3	*32*	T3-E3	*42*	T3-El3	*52*	T3-El2-E3-Sh3-Rc3
3	El2-E2-Sh2-Rc3	*13*	T2-E3	*23*	T2-El2-Rc2	*33*	T3-E3-Sh2-Rc3	*43*	T3-El3-E3	*53*	T3-El3
4	El2-Rc2	*14*	T2-E3-Rc3	*24*	T2-El2-Sh2-Rc2	*34*	T3-E3-Sh3-Rc2	*44*	T3-El3-E3-Sh3-Rc2	*54*	T3-El3-E3-Sh3-Rc3
5	El2-Sh2-Rc2	*15*	T2-E3-Sh2-Rc2	*25*	T2-El2-Sh2-Rc3	*35*	T3-E3-Sh3-Rc3	*45*	T3-F3-D2	*55*	T3-El3
6	El3-Sh2-Rc2	*16*	T2-E3-Sh2-Rc3	*26*	T2-El3	*36*	T3-El2	*46*	T3	*56*	Tc
7	F2-D2	*17*	T2-El2	*27*	T2-El3-E3-Sh2-Rc2	*37*	T3-El2-E3	*47*	T3-E3		
8	F2-Tc	*18*	T2-El2-E3	*28*	T2-El3-Sh2-Rc2	*38*	T3-El2-E3-Rc2	*48*	T3-E3-Sh3-Rc3		
9	F3-D2	*19*	T2-El2-E3-Rc2	*29*	T2-F2-D2	*39*	T3-El2-E3-Sh2-Rc3	*49*	T3-El2		
10	Sh2-Rc2	*20*	T2-El2-E3-Rc3	*30*	T2-F3-D2	*40*	T3-El2-E3-Sh3-Rc2	*50*	T3-El2-E3		

CODE	LANDUSE
4	Corn
51	Cassava
81	Coffee
82	Cacao
85	Mango
116	Coconut
126	Grassland
134	Shrubs, unmanaged

SUITABILITY CLASSES:

Highly Suitable (S1)
Land having no significant limitation to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level.

Moderately Suitable (S2)
Land having limitation which in aggregate are moderately severe for sustained application of a given use; the limitation will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land.

Marginally Suitable (S3)
Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified.

Not Suitable / Not Relevant
Land having limitations which may be surmountable in time but which cannot be corrected with existing knowledge at currently acceptable cost; the limitations are so severe as to preclude successful sustained use of the land in the given manner. Existing forest, shrubland greater than 18% slope, irrigated paddy rice and miscellaneous land types such as built up areas, roads, etc are considered as not relevant.

CLIMATE TYPE

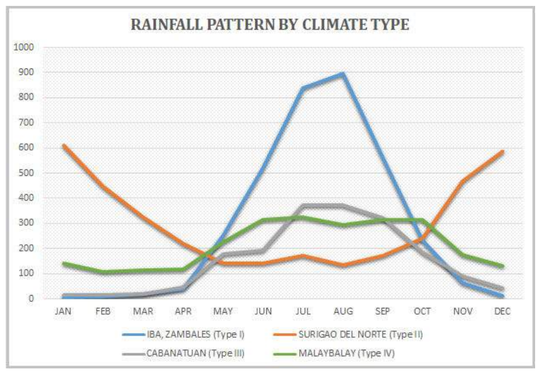
TYPE I : Two pronouced season, dry from November to April and wet during the rest of the year. Maximum rain period is from June to September

TYPE II : No dry season with a very pronounced maximum rain period from December to February. There is not a single dry month. Maximum monthly rainfall occurs during the period from March to May.

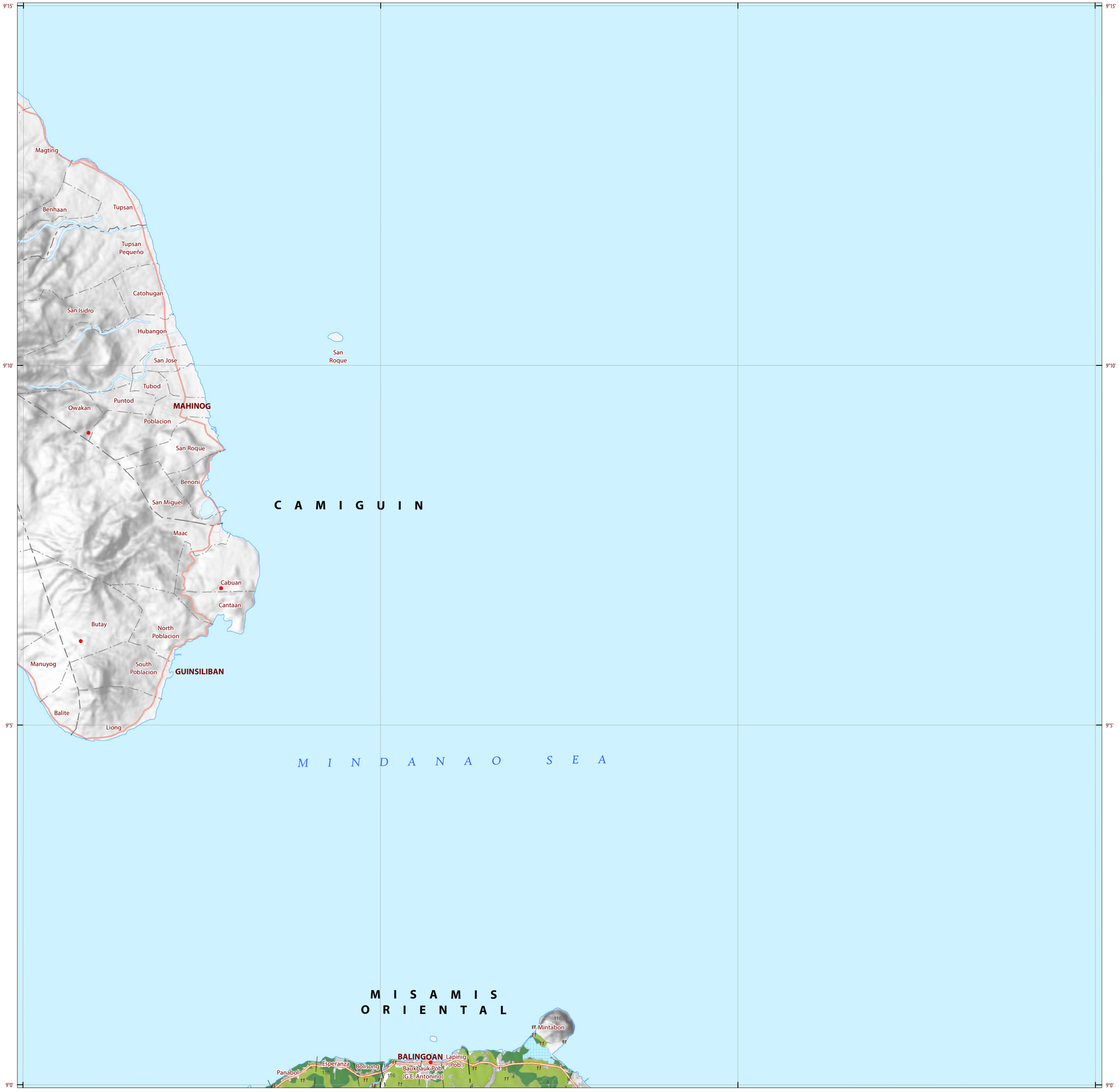
TYPE III : No very pronounced maximum rain period, with a dry season lasting only from one to three months, either during the period from December to February or from March to May. This type resembles Type I since it has a short dry season.

TYPE IV : Rainfall is more or less evenly distributed throughout the year. This type resembles Type II since it has no dry season.

Western part of Misamis Oriental is classified as climatic Type III and North Eastern part is climatic Type IV.



Source: PAGASA 2018, *Climatological Normals (Rainfall)*, Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA), accessed 27 July 2018, <https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>.



LAND SUITABILITY MAP RUBBER

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

Universal Transverse Mercator Zone 51 N. PRS 1992 Datum
DISCLAIMER : All political boundaries are not authoritative.

LEGEND

SUITABILITY CLASSES

S1 **Highly Suitable** - Land having no significant limitations to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level.

S2 **Moderately Suitable** - Land having limitations which in aggregate are moderately severe for sustained application of a given use; the limitations will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land.

S3 **Marginally Suitable** - Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified.

Not Suitable/ Not Relevant

OTHER SIGNS

NGP Areas
Cacao
1 Land limitation
116 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3919-II

3919-II
4019-III
3918-I
4018-IV

INDEX MAP

MISCELLANEOUS INFORMATION

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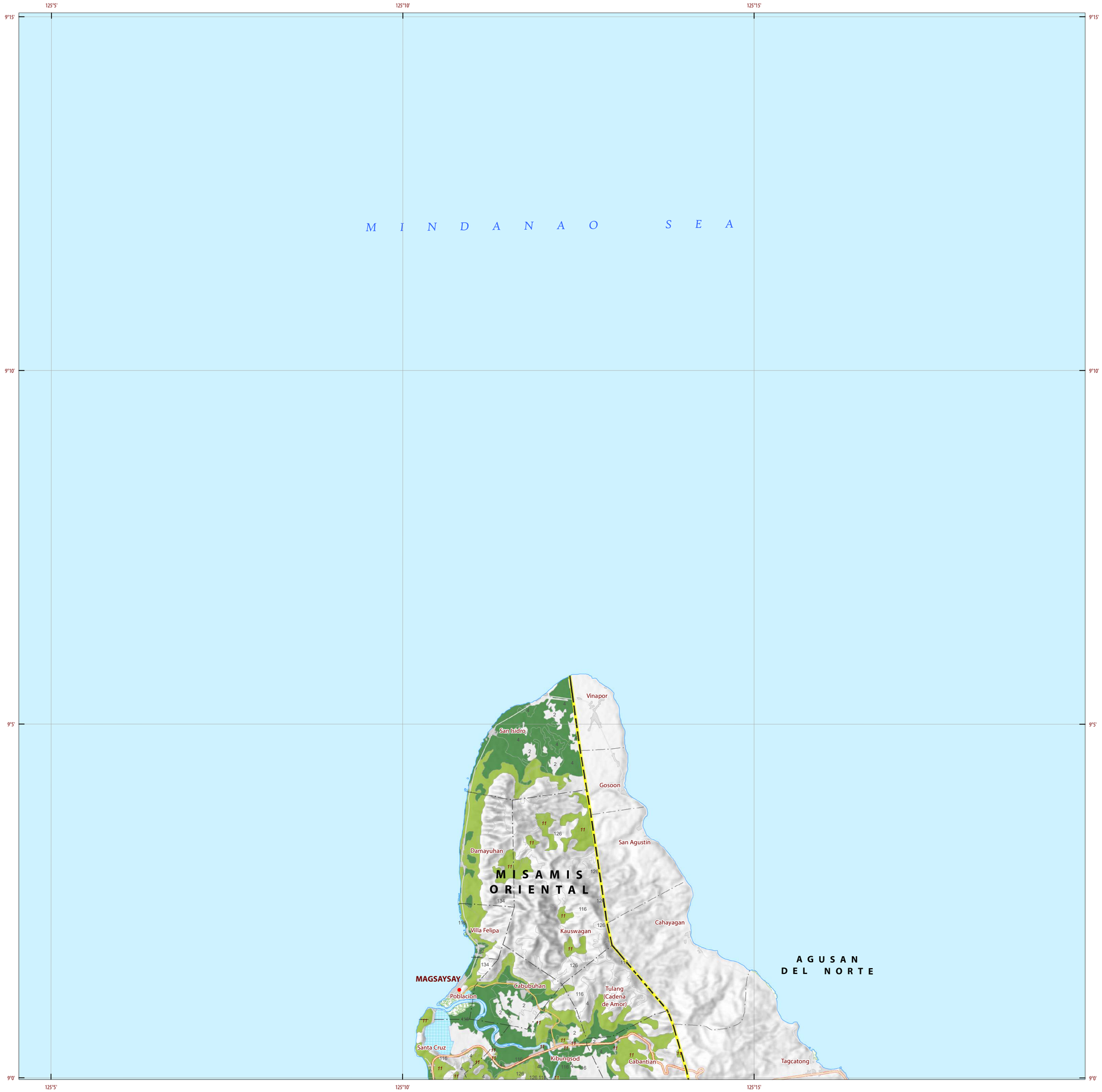
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LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

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LEGEND

SUITABILITY CLASSES

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Not Suitable/ Not Relevant

OTHER SIGNS

NGP Areas
Cacao
1 Land limitation
116 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

4019-III
3919-II
4019-III
3918-I
4018-IV
4018-I

INDEX MAP

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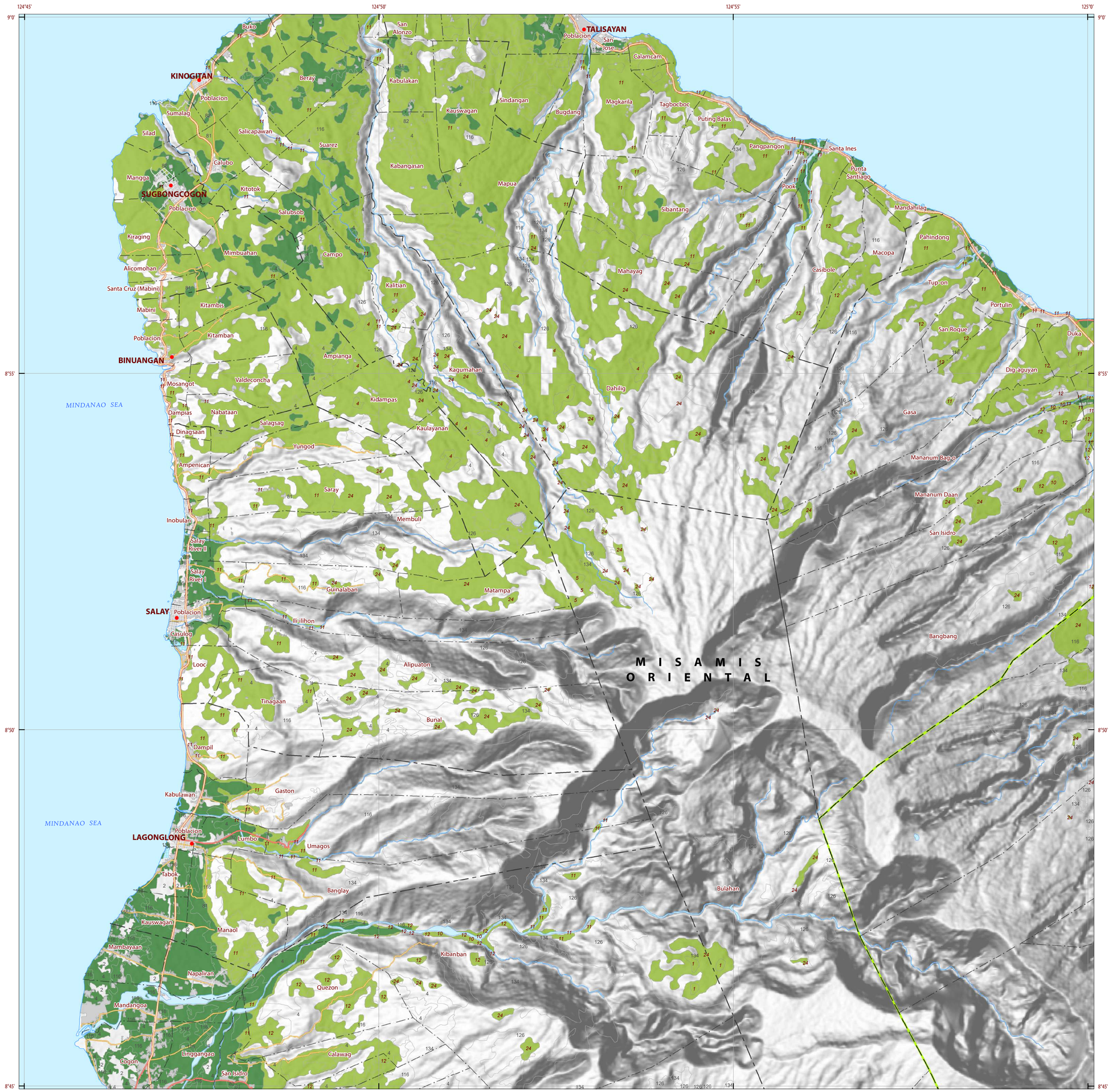
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S

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SUITABILITY CLASSES

- S1 — **Highly Suitable** - Land having no significant limitations to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level.
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- S3 — **Marginally Suitable** - Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified.
- **Not Suitable/ Not Relevant**

OTHER SIGNS

- NGP Areas
- Cacao
- 1 / 116 — Land limitation / Land use

CONVENTIONAL SIGNS

ROADS
- Expressway
- Trunk line
- Primary
- Secondary
- Tertiary

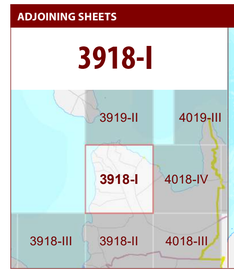
BOUNDARY
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- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

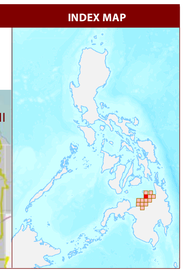
PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS



INDEX MAP



MISCELLANEOUS INFORMATION

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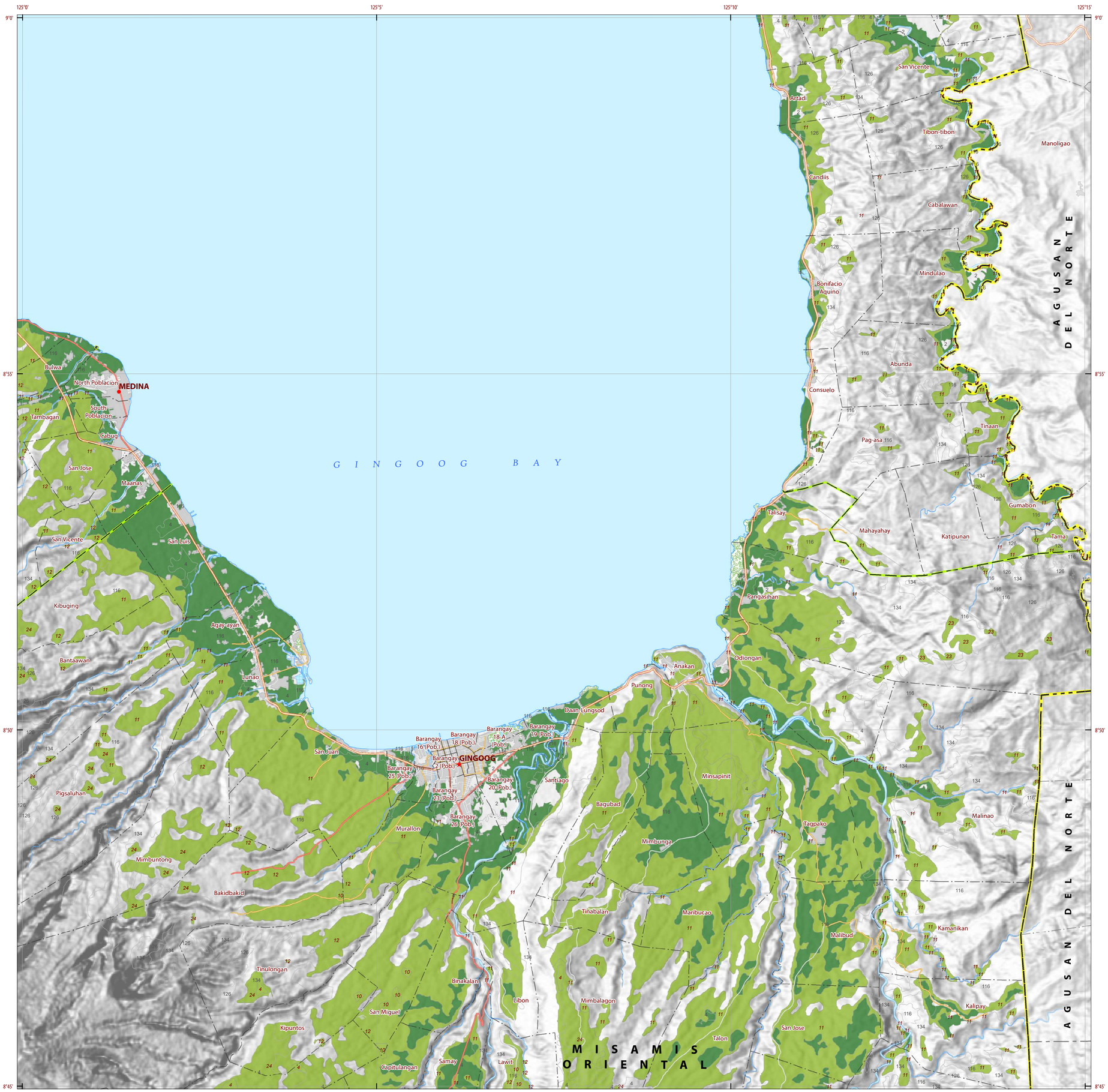
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LAND SUITABILITY MAP RUBBER

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers
0 0.5 1 2 3
Miles

Universal Transverse Mercator Zone 51 N. PRS 1992 Datum
DISCLAIMER : All political boundaries are not authoritative.

LEGEND

SUITABILITY CLASSES

S1 **Highly Suitable** - Land having no significant limitations to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level.

S2 **Moderately Suitable** - Land having limitations which in aggregate are moderately severe for sustained application of a given use; the limitations will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land.

S3 **Marginally Suitable** - Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified.

Not Suitable/ Not Relevant

OTHER SIGNS

NGP Areas
Cacao
1 Land limitation
116 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

4018-IV

3919-II | 4019-III
3918-I | 4018-IV | 4018-I
3918-II | 4018-III

INDEX MAP

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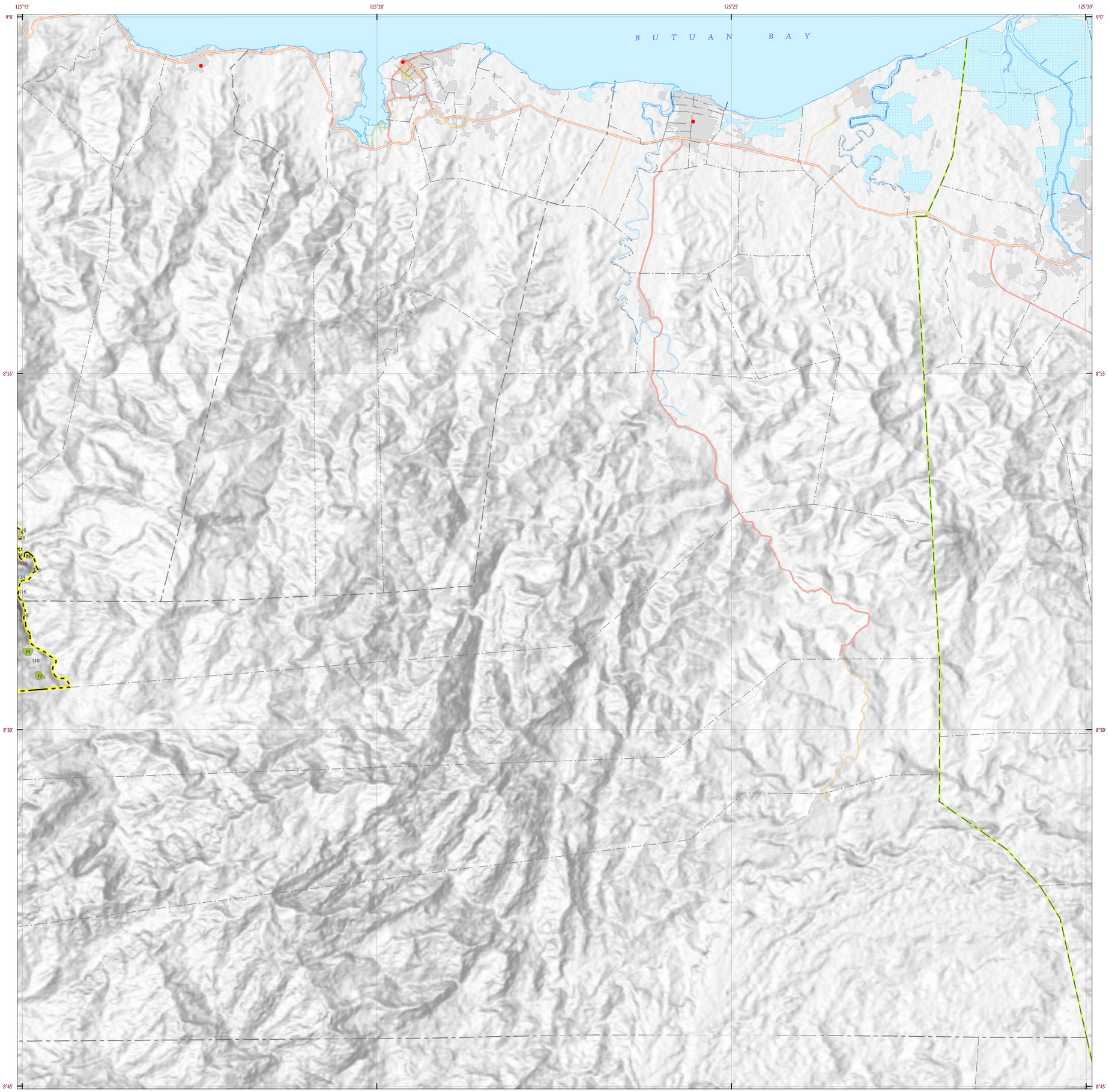
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LAND SUITABILITY MAP RUBBER

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

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OTHER SIGNS

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Cacao
1 Land limitation
11B Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

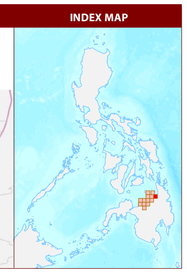
LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

4018-I

3919-II 4019-III
4018-IV 4018-I
4018-III

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N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

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Not Suitable/ Not Relevant

OTHER SIGNS

NGP Areas
Cacao
1 Land limitation
118 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3818-II
3918-I
3818-II
3918-III
3817-I
3917-IV

INDEX MAP

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N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

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OTHER SIGNS

NGP Areas
Cacao
1 Land limitation
116 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

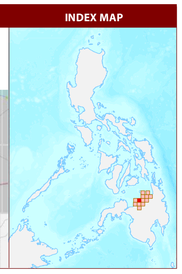
LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3918-III

3918-I
3818-II
3918-III
3918-II
3817-I
3917-IV
3917-I

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N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

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Land limitation
Land use

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Tertiary

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Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
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Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3918-II

3918-I | 4018-IV
3918-III | 3918-II | 4018-III
3917-IV | 3917-I

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N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

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118 Land use

CONVENTIONAL SIGNS

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Barangay

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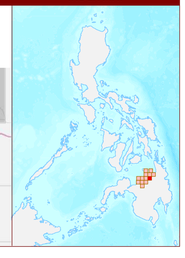
LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

4018-III

3918-I | 4018-IV | 4018-I
3918-II | 4018-III
3917-I

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N
W E
S

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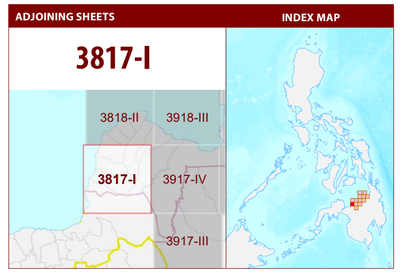
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3817-I

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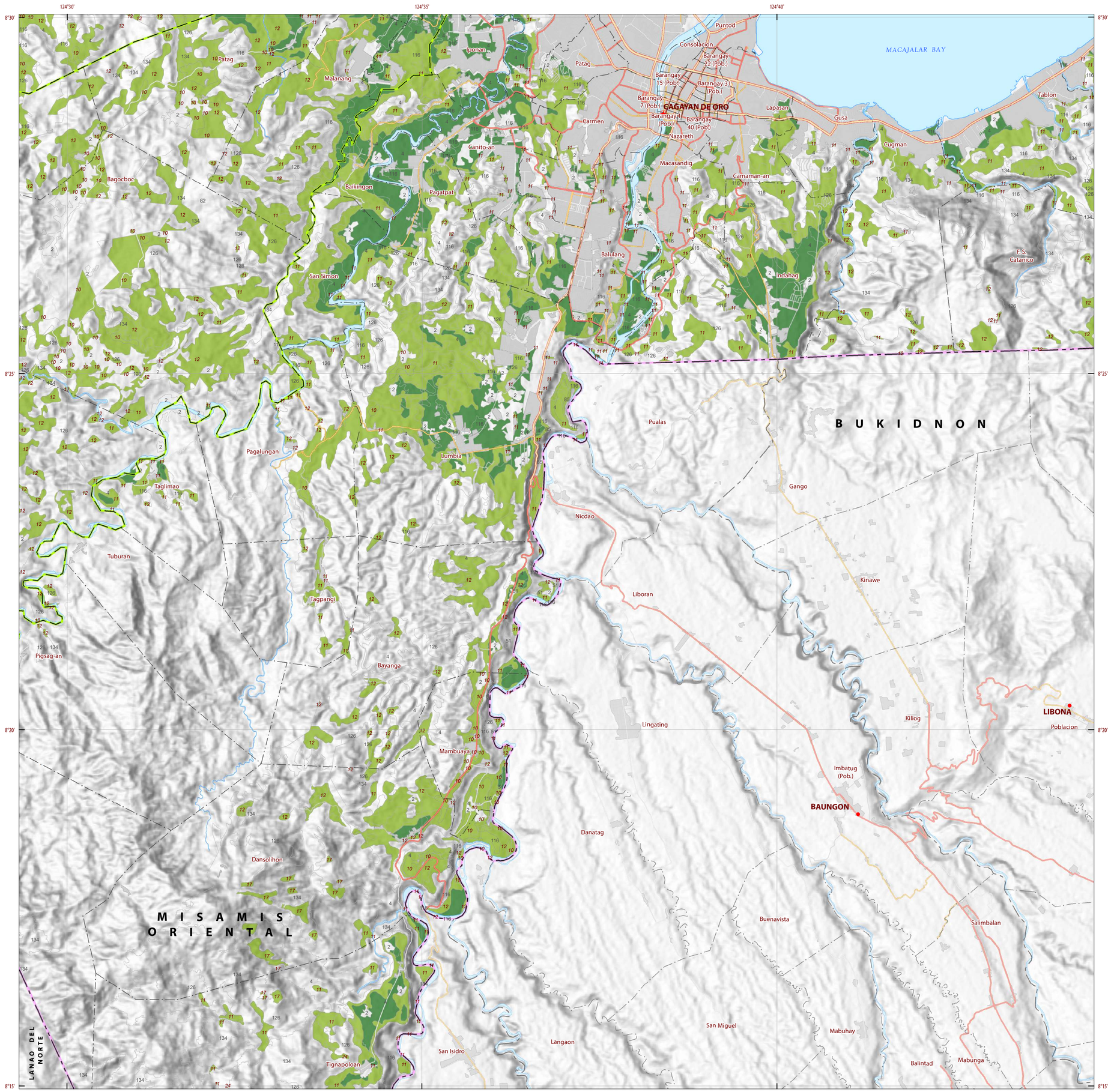
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BUREAU OF SOILS AND WATER MANAGEMENT
SRDC Bldg., Elliptical Road Cor. Visayas Avenue, Diliman, Quezon City 1101
Tel/Fax No. : (+632) 332-9534 E-mail : *bswmclientcenter@yahoo.com*

3917-IV

PROVINCE OF MISAMIS ORIENTAL

Cagayan De Oro City



LAND SUITABILITY MAP RUBBER

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers
0 0.5 1 2 3
Miles

Universal Transverse Mercator Zone 51 N. PRS 1992 Datum
DISCLAIMER : All political boundaries are not authoritative.

LEGEND

SUITABILITY CLASSES

- S1 **Highly Suitable** - Land having no significant limitations to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level.
- S2 **Moderately Suitable** - Land having limitations which in aggregate are moderately severe for sustained application of a given use; the limitations will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land.
- S3 **Marginally Suitable** - Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified.
- **Not Suitable/ Not Relevant**

OTHER SIGNS

- NGP Areas
- Cacao
- 1 Land limitation
- 116 Land use

CONVENTIONAL SIGNS

ROADS
- Expressway
- Trunk line
- Primary
- Secondary
- Tertiary

BOUNDARY
- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

PLACES
- Capital City / City
- Capital Town / Town

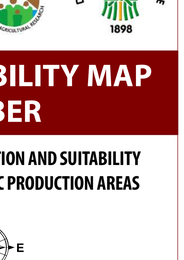
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3917-IV

3818-II | 3918-III | 3918-II
3817-I | 3917-IV | 3917-I
3917-III

INDEX MAP



MISCELLANEOUS INFORMATION

SOURCES OF INFORMATION : Topographic information taken from NAMRIA Topographic Map at 1:50,000 scale. Land resources information from the Agricultural Land Management and Evaluation Division (ALMED), Soils Survey Division (SSD) and Laboratory Services Division (LSD) of BSWM. Rice areas obtained from the Land Use System (FAO, 2015) and Philippine Rice Information System (PRISM) (IRRI, 2015). Data analysis and compilation through the **Land Resources Evaluation and Suitability Assessment of Strategic Production Areas for Major Commodities Project** implemented by BSWM (2017).

Project Leader : BERNARDO B. PASCUA
GIS and Cartography : IRVIN K. SAMALCA

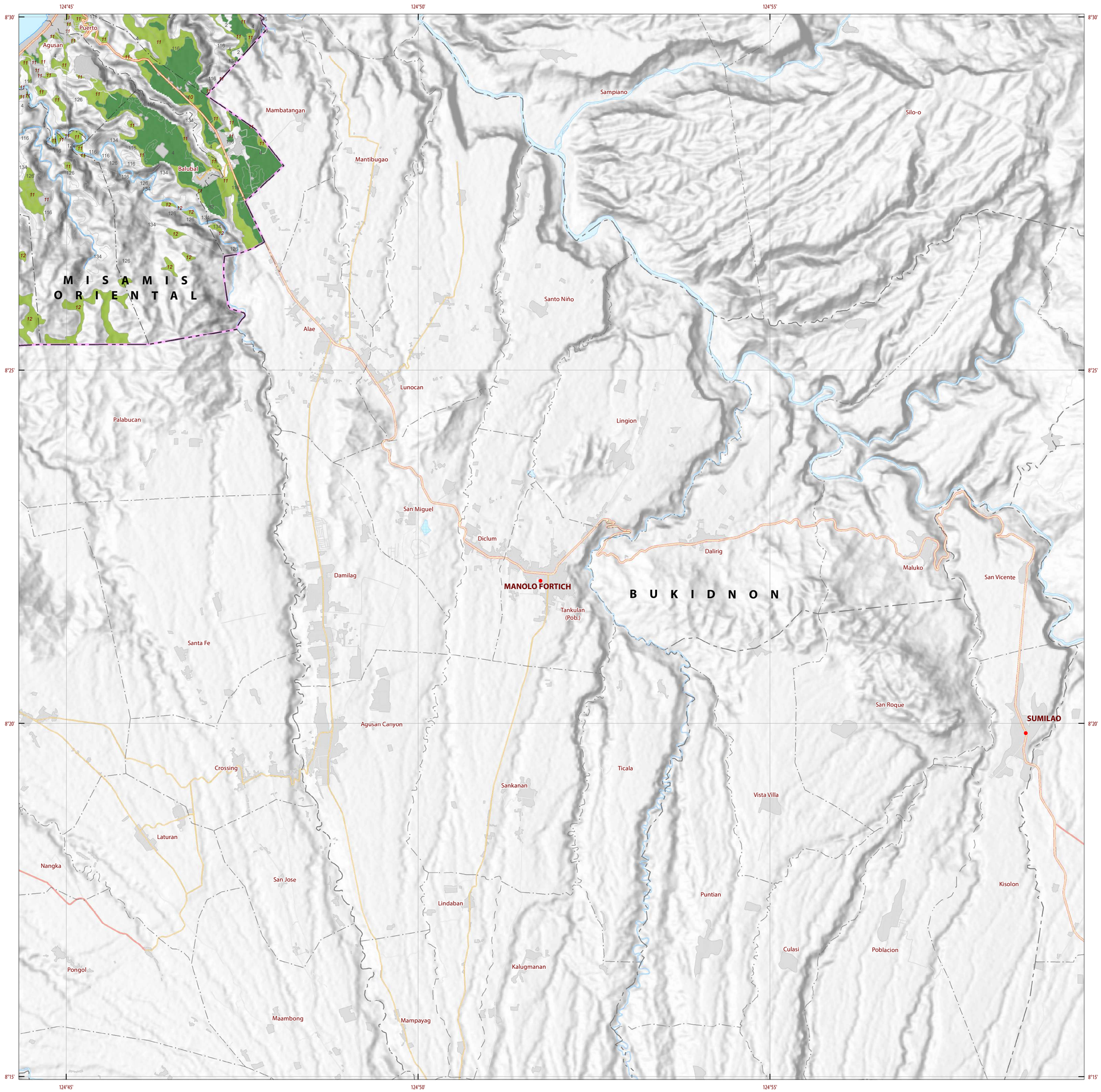
Funding Agency : Department of Agriculture - Bureau of Agricultural Research (DA-BAR)
Collaborating Agencies : Philippine Council on Agriculture and Fisheries (PCAF)
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N W E S

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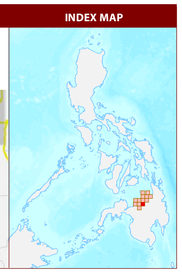
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3917-I

3918-III | 3918-II | 4018-III
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3817-I | 3917-IV | 3917-I

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