

LAND SUITABILITY MAP

ABACA

**LAND RESOURCES EVALUATION AND SUITABILITY
ASSESSMENT OF STRATEGIC PRODUCTION AREAS**

PROVINCE OF MISAMIS ORIENTAL



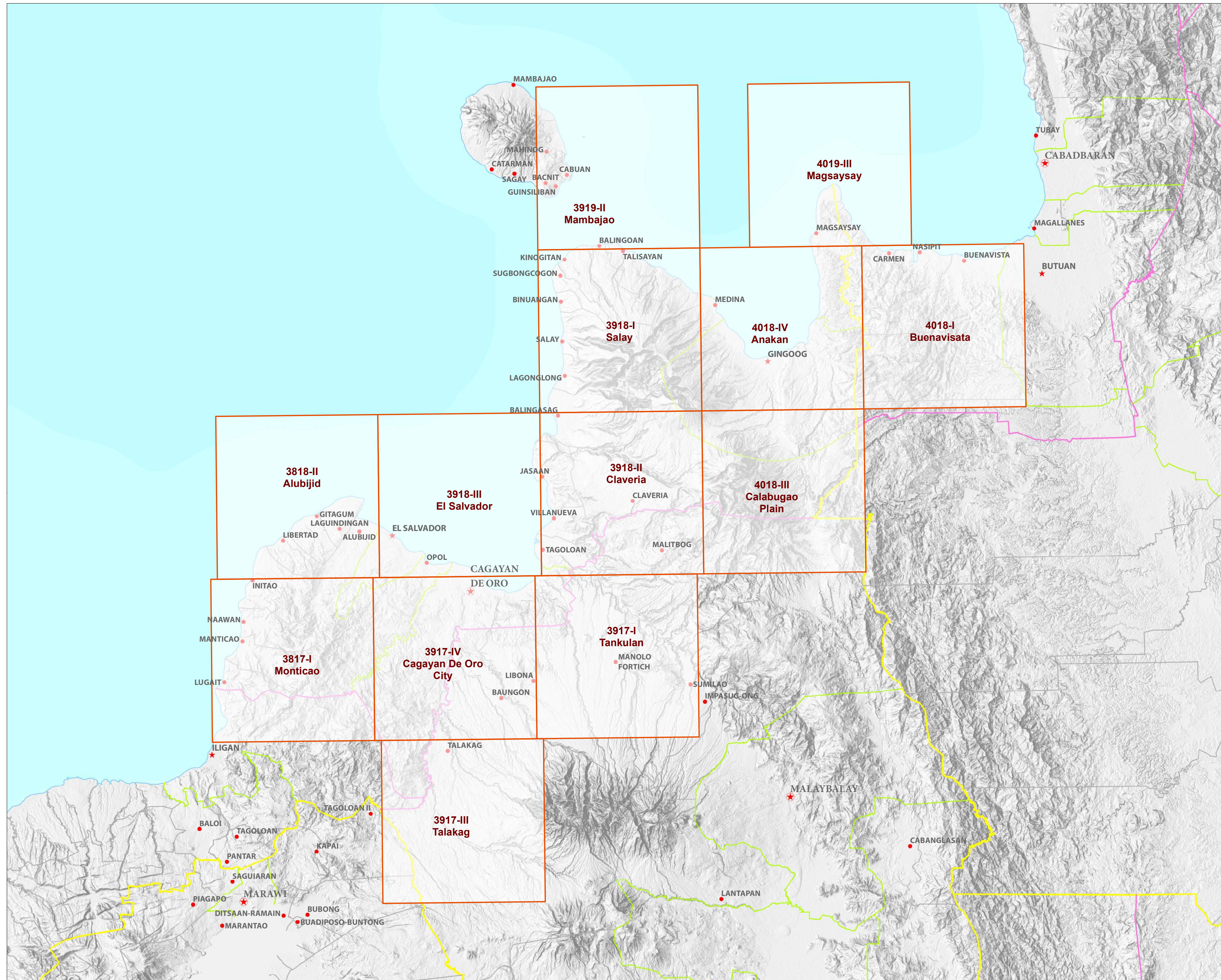
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DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT

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

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LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

PROVINCE OF MISAMIS ORIENTAL



LEGEND

Places

- ★ Capital City
- ★ City
- Capital Town
- Town

Administrative Boundary

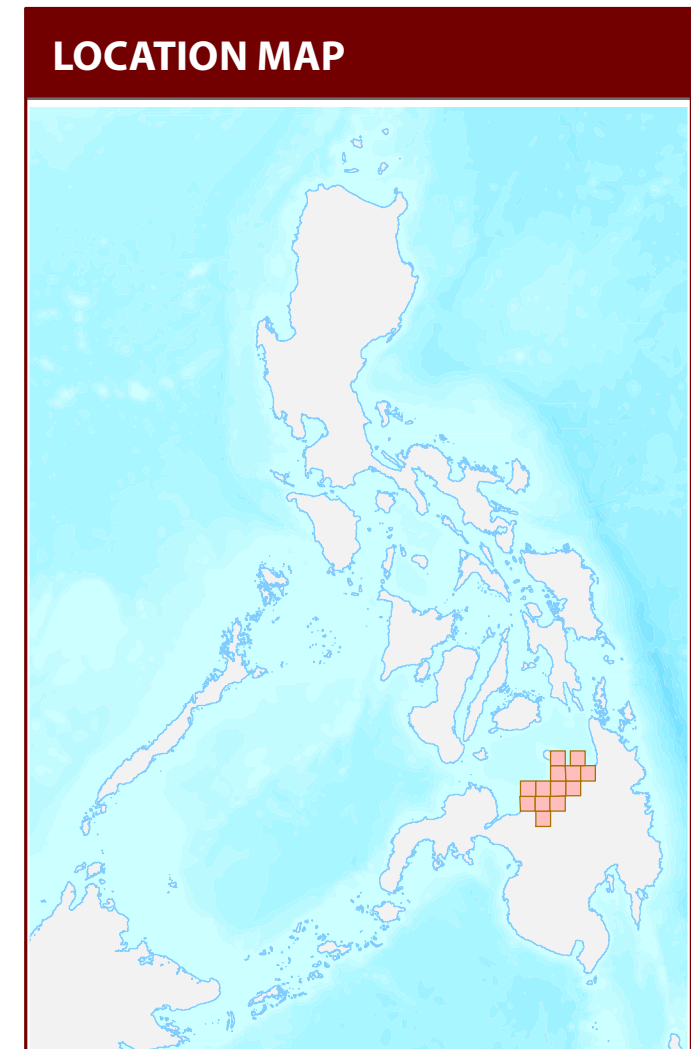
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MISCELLANEOUS INFORMATION

Land suitability information 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 (PCA-F) and funded by the Bureau of Agricultural Research (BAR).

Map produced by the Geomatics and Soil Information Technology Division, Bureau of Soils and Water Management (BSWM).

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SRDC Bldg., Elliptical Road Cor. Visayas Avenue,
Diliman, Quezon City 1101 Philippines
Tel/Fax No. : (432) 332-9934 E-mail: bswmclientcenter@yahoo.com

LAND SUITABILITY MAP FOR ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS MISAMIS ORIENTAL, REGION X

EXTENT OF SUITABILITY FOR ABACA PRODUCTION BY MUNICIPALITY

MUNICIPALITY	EXISTING ABACA (Ha)			TOTAL EXISTING AREA (Ha)	EXPANSION AREA (Ha)						CONFLICT RESOLUTION (Ha)						TOTAL POTENTIAL EXPANSION AREA (Ha)		
	S1	S2	S3		Coconut to be intercropped with abaca		Shrubland, unmanaged*		Grassland, unmanaged*		Corn		Paddy rice, non-irrigated		Banana			Other crops	
					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	1,557	2	195	-	35	1,326	1,347	-	-	-	-	1	2	5,753
BALINGOAN	-	-	-	-	93	1,338	-	16	-	1,176	6	194	-	-	-	-	-	1	2,826
BINUANGAN	-	-	-	-	20	736	-	-	-	-	-	21	-	-	-	-	-	-	778
CAGAYAN DE ORO CITY	-	-	-	-	1,094	2,647	27	1,130	63	1,399	1,910	2,152	-	-	-	-	-	-	10,450
CITY OF EL SALVADOR	-	-	-	-	228	837	30	356	9	231	2,567	2,001	-	-	-	-	-	-	6,259
CLAVERIA	-	-	-	-	163	1,748	2	531	-	58	1,165	10,364	-	-	-	-	-	2	14,035
GINGOOG CITY	-	-	-	-	3,598	11,185	34	1,175	-	366	620	1,993	-	-	-	-	-	-	18,971
GITAGUM	-	-	-	-	167	178	-	42	-	2	1,052	1,392	-	-	-	-	-	-	2,833
INITAO	-	-	-	-	1,264	2,709	-	-	-	15	193	332	-	-	-	-	-	-	4,513
JASAAAN	-	-	-	-	460	1,261	2	12	-	-	382	675	-	-	-	-	-	-	2,791
KINOGUITAN	-	-	-	-	565	1,837	-	19	-	232	65	205	-	-	-	-	-	1	2,924
LAGOONLONG	-	-	-	-	259	241	-	-	-	3	315	290	-	-	-	-	1	-	1,110
LAGUINDINGAN	-	-	-	-	26	99	-	-	217	58	1,197	1,364	-	-	-	-	-	-	2,961
LIBERTAD	-	-	-	-	178	643	-	-	-	48	218	608	-	-	-	-	-	-	1,696
LUGAIT	-	-	-	-	166	1,266	-	11	8	18	-	-	-	-	-	-	-	-	1,469
MAGSAYSAY	-	-	-	-	1,107	1,197	29	210	13	311	290	97	-	-	-	-	-	-	3,253
MANTICAO	-	-	-	-	1,319	1,610	-	59	-	104	57	9	-	-	-	-	-	-	3,158
MEDINA	-	-	-	-	508	1,848	-	14	-	75	-	3	-	-	-	-	-	-	2,448
NAAWAN	-	-	-	-	1,048	1,248	-	23	-	97	101	5	-	-	-	-	-	-	2,522
OPOL	-	-	-	-	200	400	-	534	3	2,955	609	827	-	-	-	-	-	-	5,527
SALAY	-	-	-	-	223	1,061	-	18	-	213	5	54	-	-	-	-	-	1	1,576
SUGBONGCOGON	-	-	-	-	285	1,376	-	-	-	187	13	50	-	-	-	-	1	-	1,913
TAGOLOAN	-	-	-	-	250	208	24	66	-	48	613	271	-	-	-	-	-	-	1,482
TALISAYAN	-	-	-	-	144	894	43	995	-	415	41	170	-	-	-	-	-	-	2,703
VILLANUEVA	-	-	-	-	161	300	1	10	9	2	294	479	-	-	-	-	-	-	1,259
TOTAL	-	-	-	-	15,271	39,209	244	5,898	326	8,429	15,064	26,067	-	-	-	-	2	6	110,553

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

AGRONOMIC REQUIREMENT OF ABACA 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
Abaca	S1	<8	>50	CL, SiCL, SCL, SC, SiC, C, HC	WD, MWD, SPD	5.6 - 7.2	high	none-slight	none-slight	none-few	<500	2001-4500	II, III, IV
	S2	8 - 30	30 - 50	FSL, L, SIL, SL	PD, VPD	5.1 - 5.5 7.3 - 7.8	medium	moderate	moderate	common	500-1500	1000-2000	I, II
	S3	>30	< 30	S, LS, CSL	ED	<5.0 - > 7.9	low	severe	severe	many	>1500	<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 DRAINAGE ED - excessively drained WD - well drained MWD - moderately well drained SPD - somewhat poorly drained PD - poorly drained VPD - very poorly drained	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
SOIL DEPTH (cm) 0 - 30 - very shallow 30 - 50 - shallow 50 - 100 - moderately deep > 100 - deep to very deep	SURFACE IMPEDIMENT ROCK OUTCROPS < 10% - none - few 10 - 30% - common > 30% - many		

LAND LIMITATIONS DESCRIPTION AND COMBINATIONS

ELEVATION E12 - 500 - 1000m or 2000 - 2500m E13 - < 500m or > 2500m	SOIL DRAINAGE D2 - Somewhat poorly drained to poorly drained D3 - Very poorly drained or excessively drained	SOIL DEPTH Sh2 - Shallow to moderately deep (30 - 100cm) Sh3 - Very shallow (< 30cm)	SOIL EROSION E2 - Moderate erosion E3 - Severe erosion
SLOPE/TOPOGRAPHY T2 - Undulating to moderately steep T3 - Steep to very steep	SOIL TEXTURE Tc - Coarse texture	ROCK OUTCROPS Rc2 - Common Rc3 - Many	FLOODING F2 - Moderate seasonal flooding F3 - Severe seasonal flooding

CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION		
1	E2-Rc3	11	T2	21	T2-E12-E3-Sh2-Rc2	31	T3	41	T3-E13-E3-Sh3-Rc2	51	T3-E13-E3-Sh3-Rc3	6	Corn	51	Cassava	81	Coffee	82	Cacao	85	Mango	116	Coconut	126	Grassland	134	Shrubs, unmanaged
2	E2-Sh2-Rc3	12	T2-E2-Rc2	22	T2-E12-Rc2	32	T3-E3	42	T3-F3-D2	52	T3-E13-E3-Sh3-Rc3	7	F2-Tc	17	T2-E3-Sh2-Rc3	27	T2-F3-D2	37	T3-E12	47	T3-E12	57	T3-E12-E3	67	T3-E12-E3-Rc3	77	T3-E12-E3-Sh3-Rc3
3	E12	13	T2-E3	23	T2-E12-Sh2-Rc2	33	T3-E3-Rc2	43	T3	53	Tc	8	F3-D2	18	T2-E12	28	T2-Rc2	38	T3-E12-E3	48	T3-E12-E3	58	T3-E12-E3-Rc2	68	T3-E12-E3-Sh3-Rc2	78	T3-E12-E3-Sh3-Rc3
4	E12-Rc2	14	T2-E3-Rc2	24	T2-E13-E3-Sh2-Rc2	34	T3-E3-Sh2-Rc3	44	T3-E3	54	T3-E3	8	F2-D2	16	T2-E3-Sh2-Rc2	26	T2-F2-D2	36	T3-E3-Sh3-Rc3	46	T3-E3-Sh3-Rc3	56	T3-E3-Sh3-Rc3	66	T3-E3-Sh3-Rc3	76	T3-E3-Sh3-Rc3
5	E12-Sh2-Rc2	15	T2-E3-Rc3	25	T2-E13-Sh2-Rc2	35	T3-E3-Sh3-Rc2	45	T3-E3-Rc3	55	T3-E3-Rc3	9	Rc2	19	T2-E12-E3	29	T2-Sh2-Rc2	39	T3-E12-E3-Rc2	49	T3-E12-E3-Rc2	59	T3-E12-E3-Rc2	69	T3-E12-E3-Rc2	79	T3-E12-E3-Rc2
6	F2-D2	16	T2-E3-Sh2-Rc2	26	T2-F2-D2	36	T3-E3-Sh3-Rc3	46	T3-E3-Sh3-Rc3	56	T3-E3-Sh3-Rc3	10	Sh2-Rc2	20	T2-E12-E3-Rc2	30	T2-Sh2-Rc3	40	T3-E12-E3-Sh3-Rc2	50	T3-E12-E3-Sh3-Rc2	60	T3-E12-E3-Sh3-Rc2	70	T3-E12-E3-Sh3-Rc2	80	T3-E12-E3-Sh3-Rc2

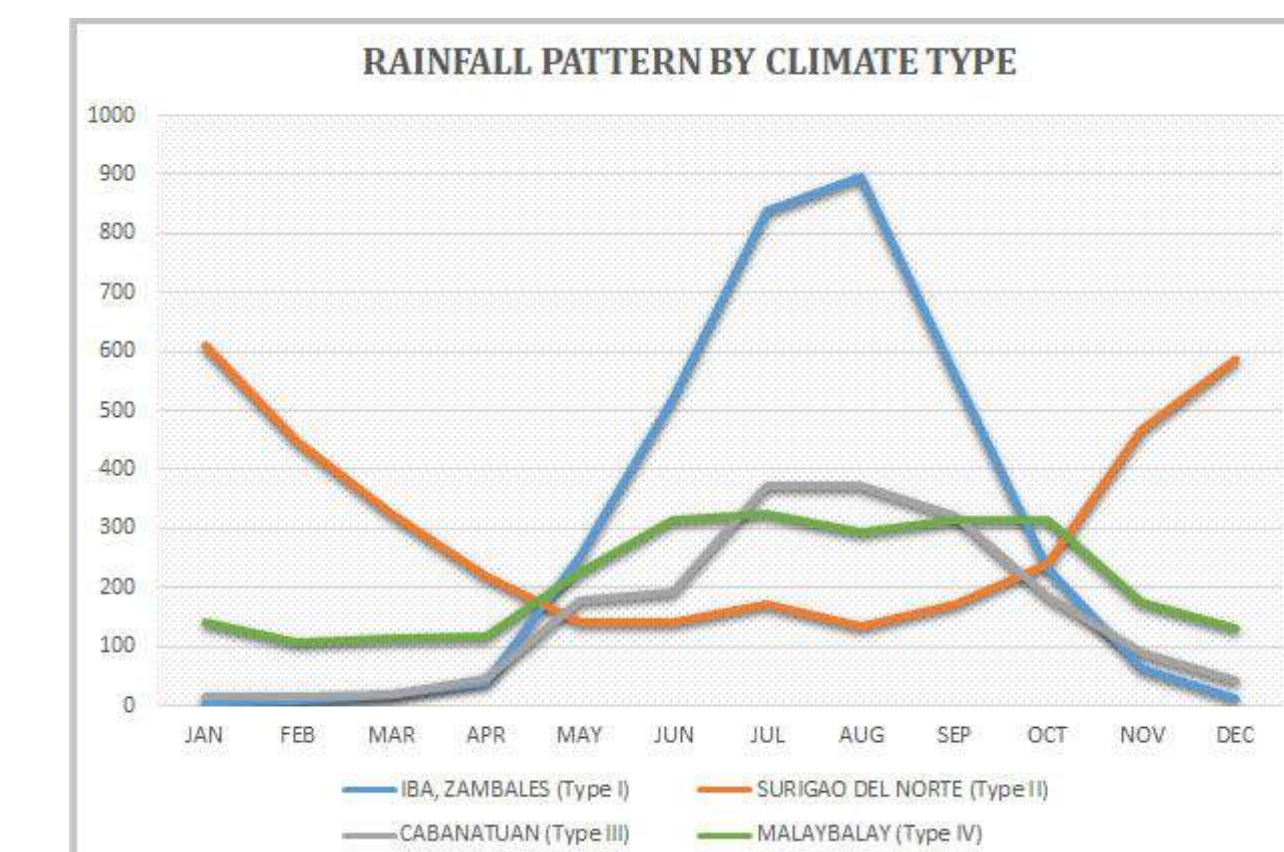
SUITABILITY CLASSES:

 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.	 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.
 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.	 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.

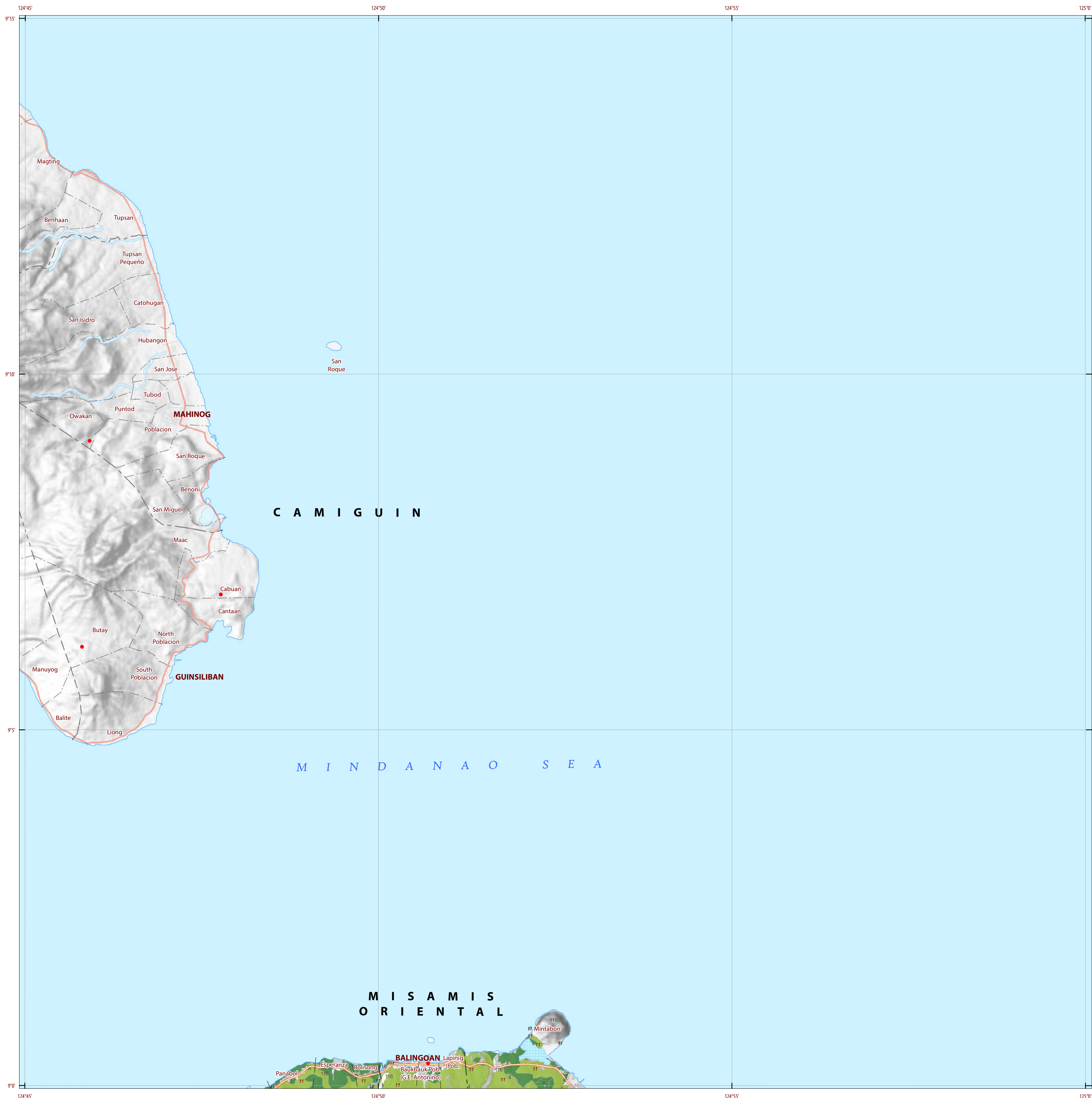
CLIMATE TYPE

TYPE I : Two pronounced 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.

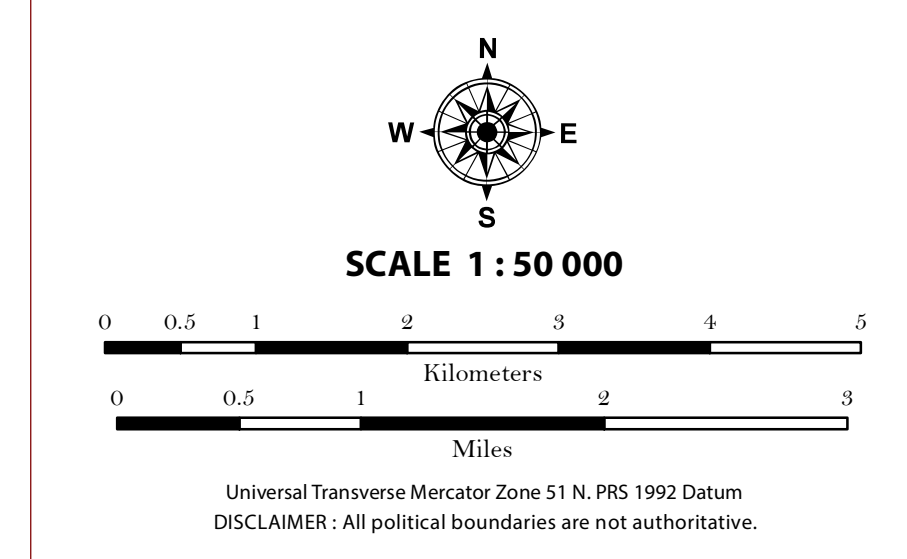


Source: PAGASA 2018, *Climatological Normals (Rainfall)*, Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA), accessed 27 July 2018, <<https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>>.



LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



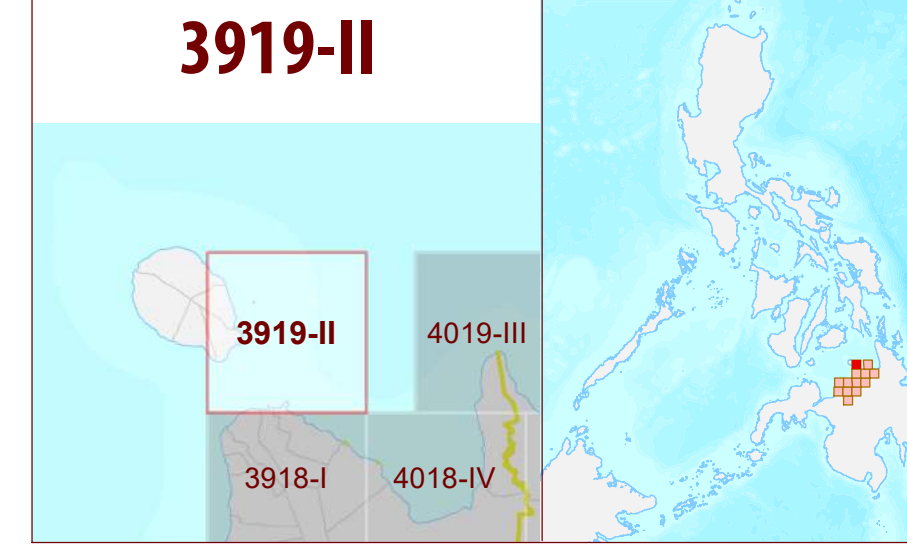
LEGEND

- SUITABILITY CLASSES**
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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
 - Land limitation
 - Land use

CONVENTIONAL SIGNS

- | | | |
|-----------------|-----------------|-----------------------|
| ROADS | BOUNDARY | HYDROLOGY |
| Expressway | Region | Sea / Shoreline |
| Trunk line | Province | Lakes / Rivers |
| Primary | District | PLACES |
| Secondary | Municipality | ★ Capital City / City |
| Tertiary | Barangay | ● Capital Town / Town |
| LAND USE | | |
| Built-up | Fishpond | Mangrove |

ADJOINING SHEETS



MISCELLANEOUS INFORMATION

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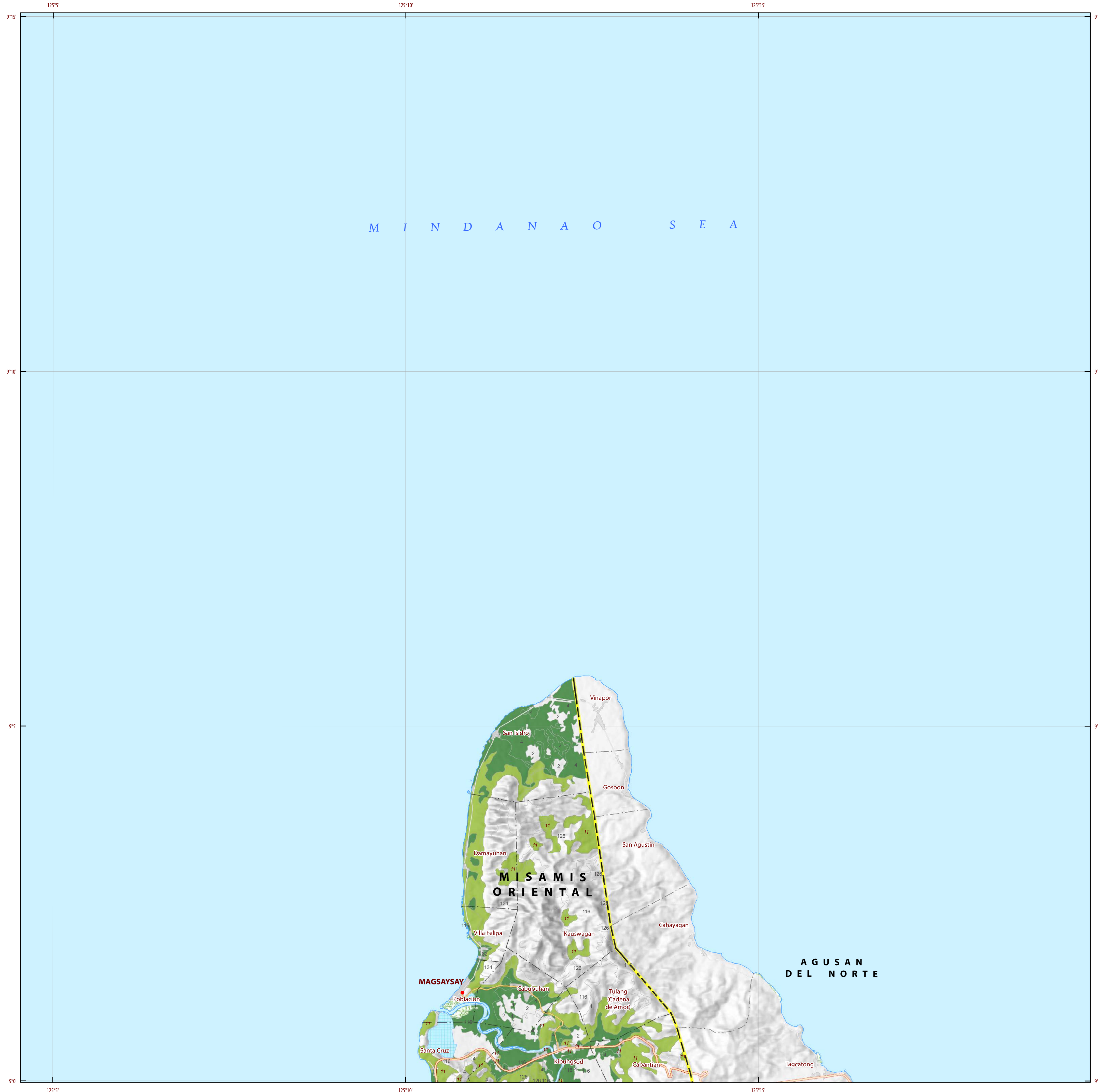
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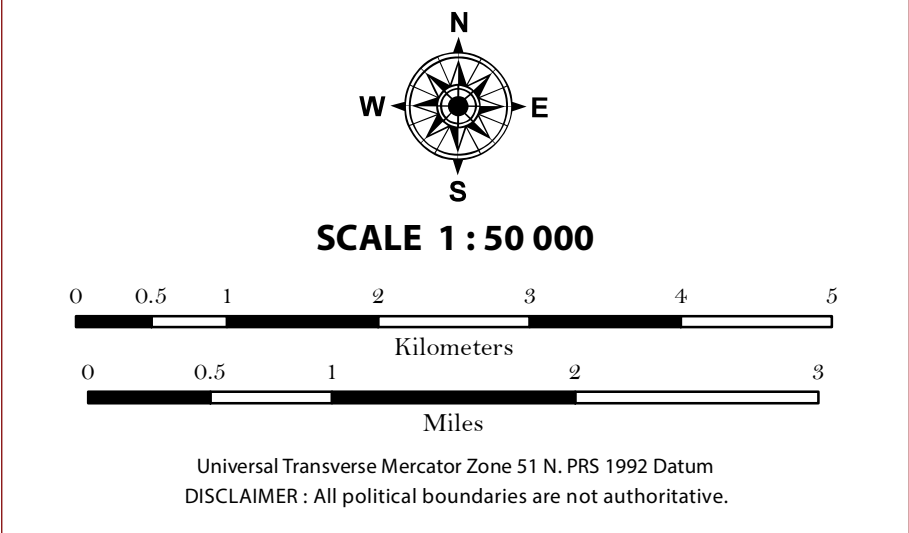
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LEGEND

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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

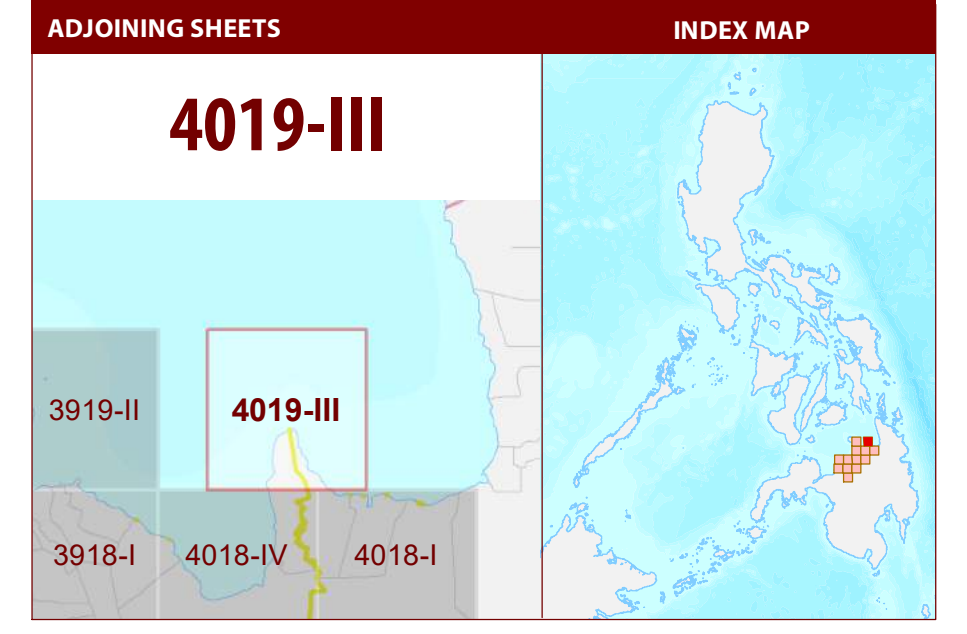
- NGP Areas
- Cacao
- Land limitation
- Land use

CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Region	Sea / Shoreline
Trunk line	Province	Lakes / Rivers
Primary	District	PLACES
Secondary	Municipality	Capital City / City
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LAND USE

- Built-up
- Fishpond
- Mangrove



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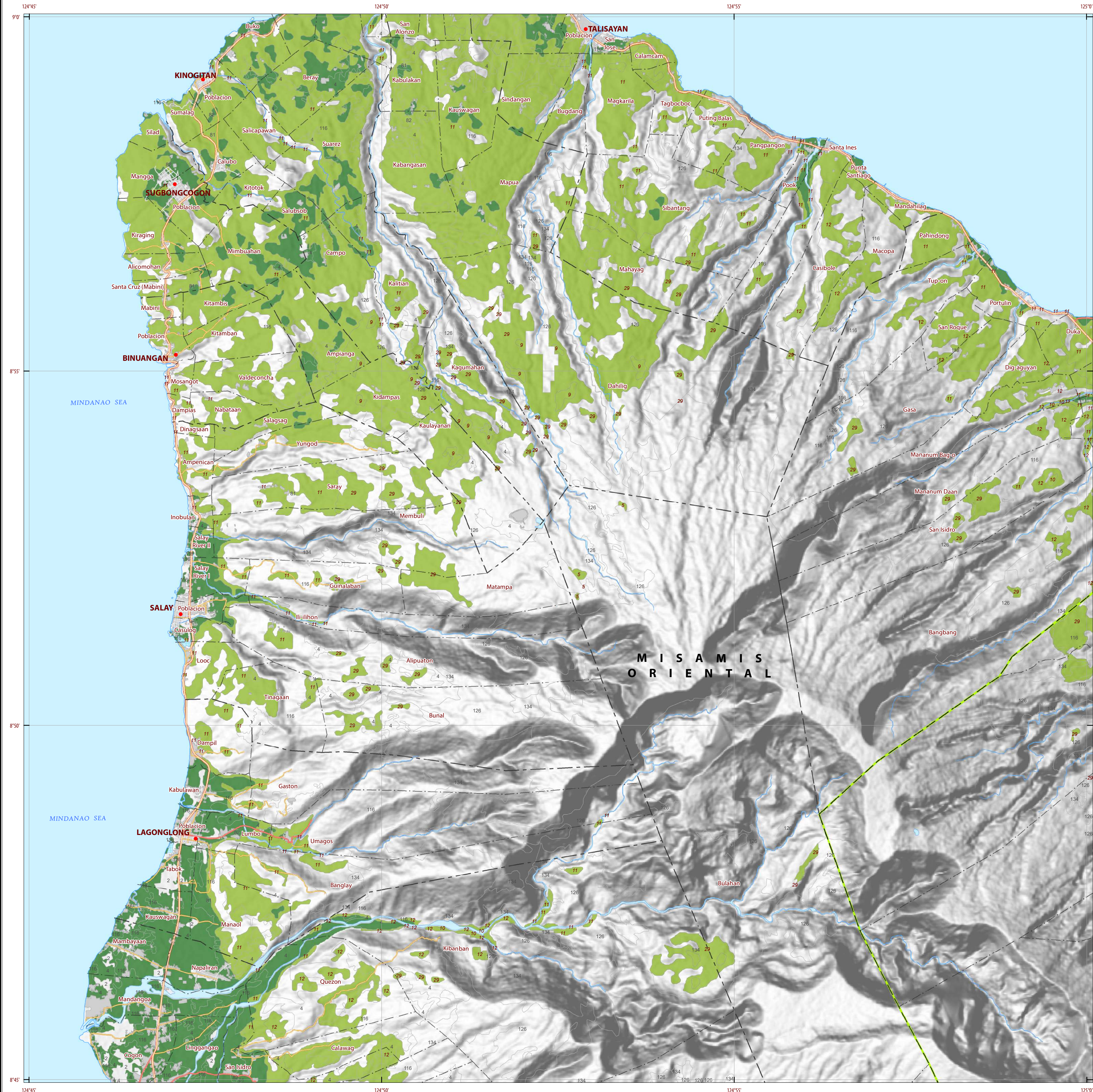
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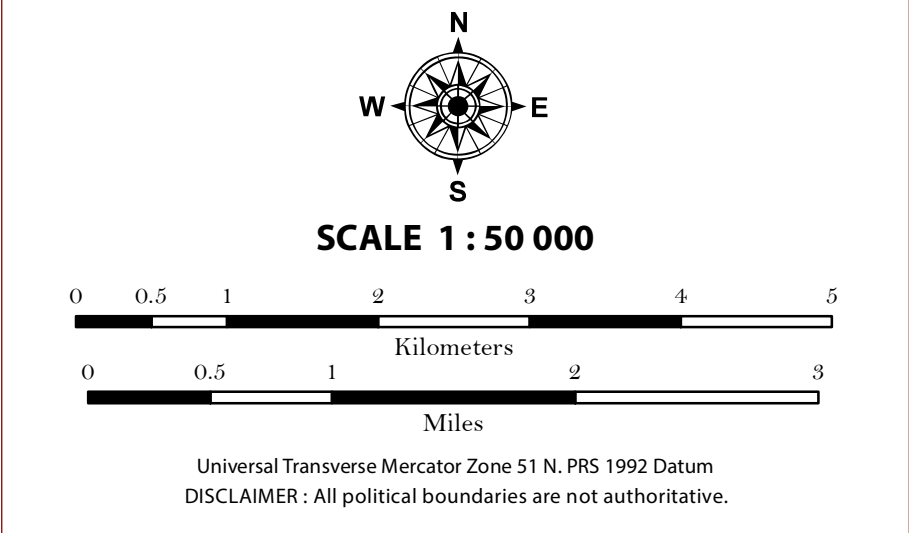
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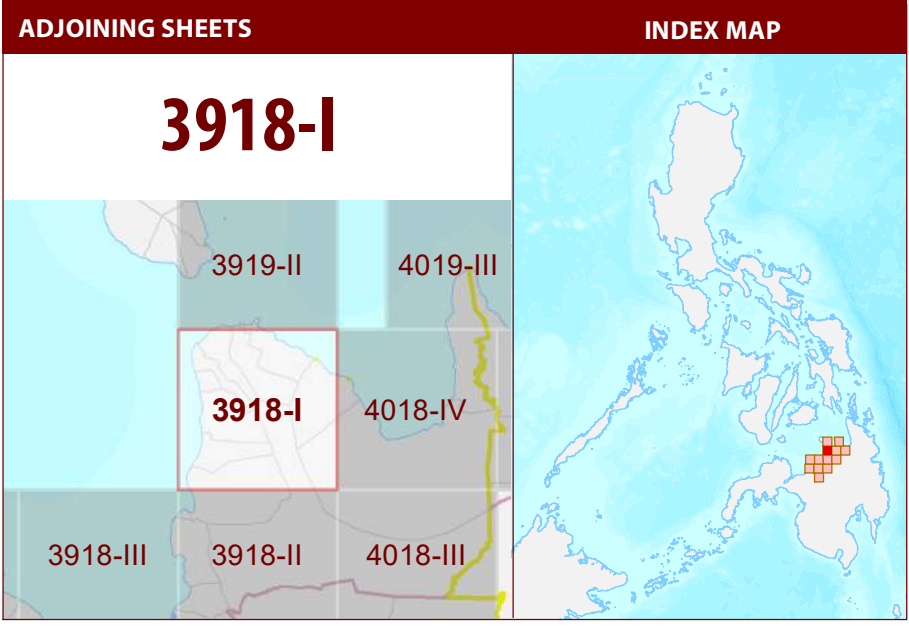
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 - Cacao
 - Land limitation
 - Land use

- CONVENTIONAL SIGNS**
- | ROADS | BOUNDARY | HYDROLOGY |
|------------|--------------|-----------------------|
| Expressway | Region | Sea / Shoreline |
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 - Mangrove



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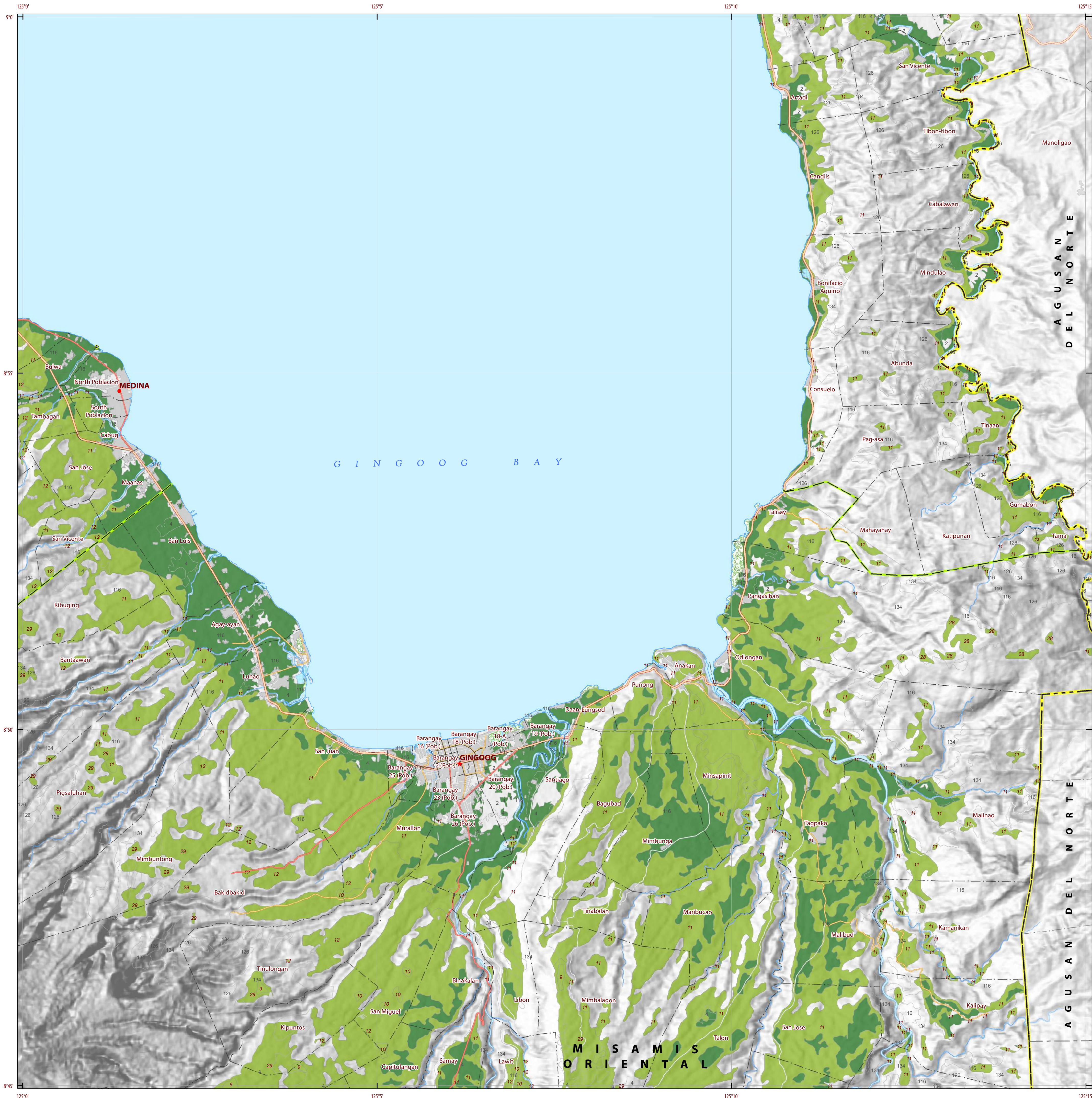
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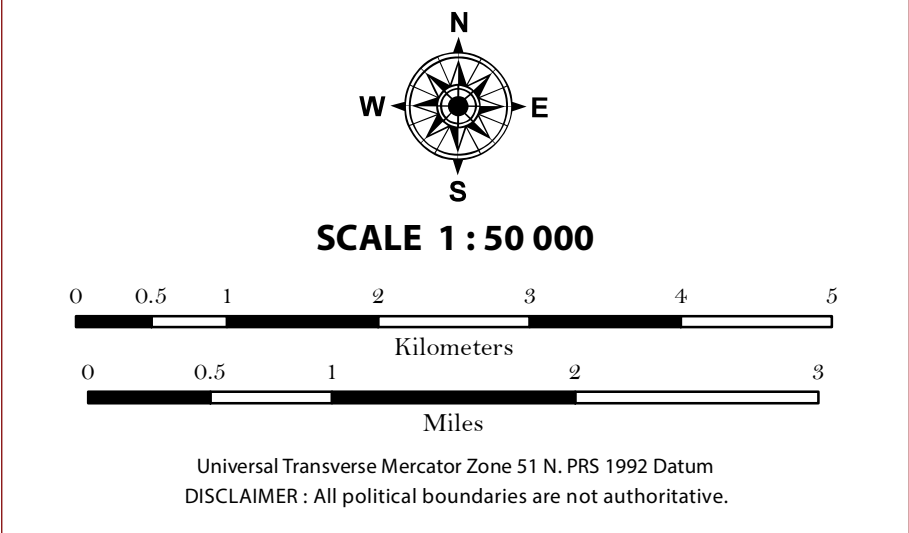
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SRDC Bldg., Elliptical Road Cor. Visayas Avenue, Diliman, Quezon City 1101
Tel/Fax No. (+632) 332-9534 E-mail: bswmcenter@da.gov.ph



LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY
ASSESSMENT OF STRATEGIC PRODUCTION AREAS



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.
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Not Suitable/ Not Relevant

OTHER SIGNS

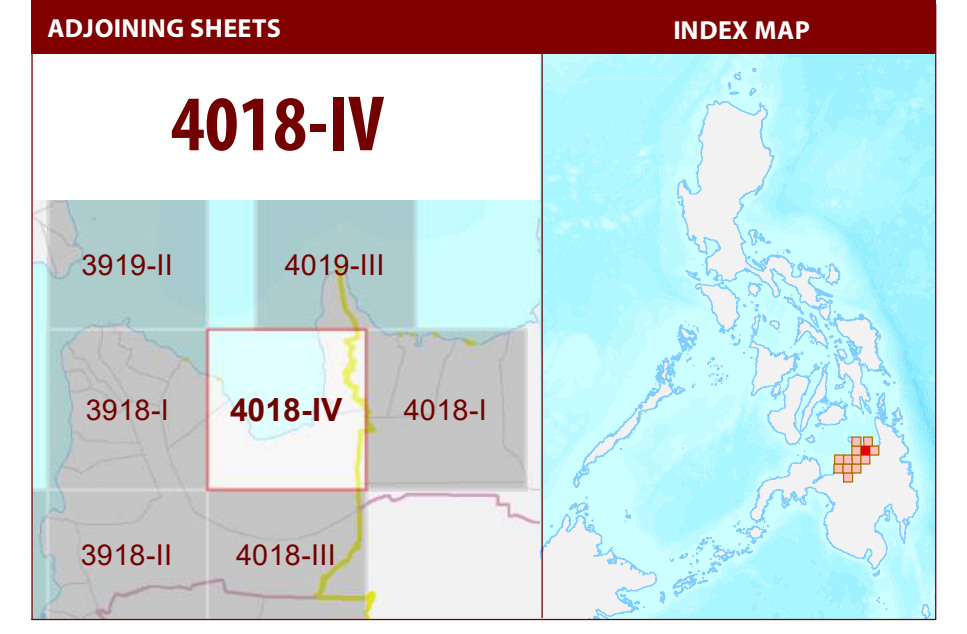
- NGP Areas
- Cacao
- Land limitation
- Land use

CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Region	Sea / Shoreline
Trunk line	Province	Lakes / Rivers
Primary	District	PLACES
Secondary	Municipality	★ Capital City / City
Tertiary	Barangay	● Capital Town / Town

LAND USE

- Built-up
- Fishpond
- Mangrove



MISCELLANEOUS INFORMATION

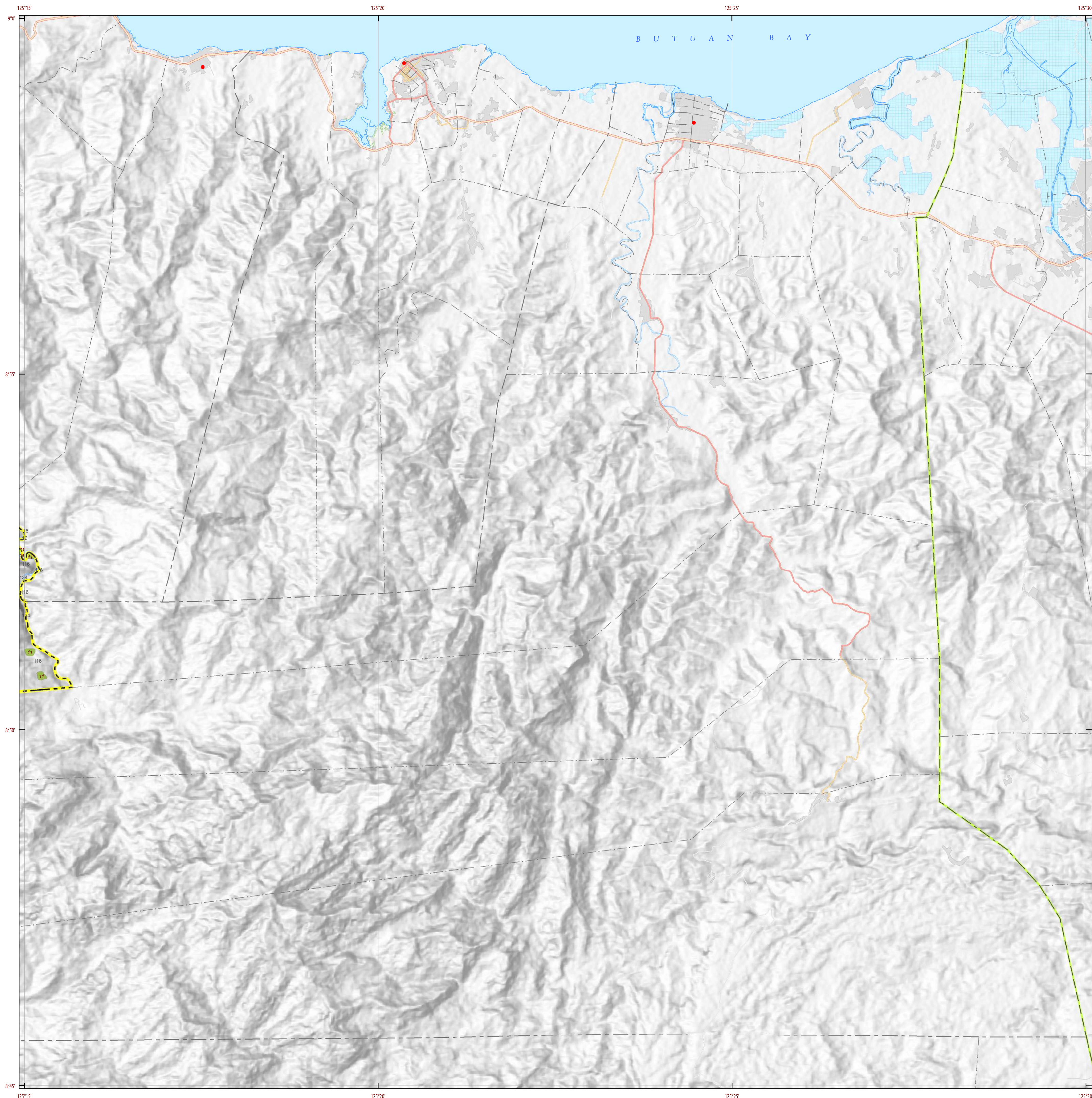
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GIS and Cartography : IRWIN K. SAMALCA

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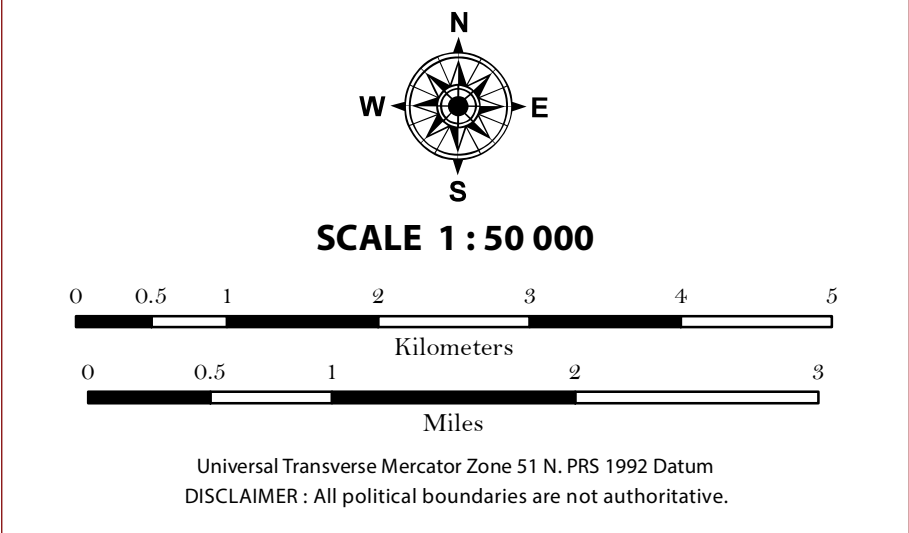
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LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



LEGEND

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- Not Suitable/ Not Relevant**

OTHER SIGNS

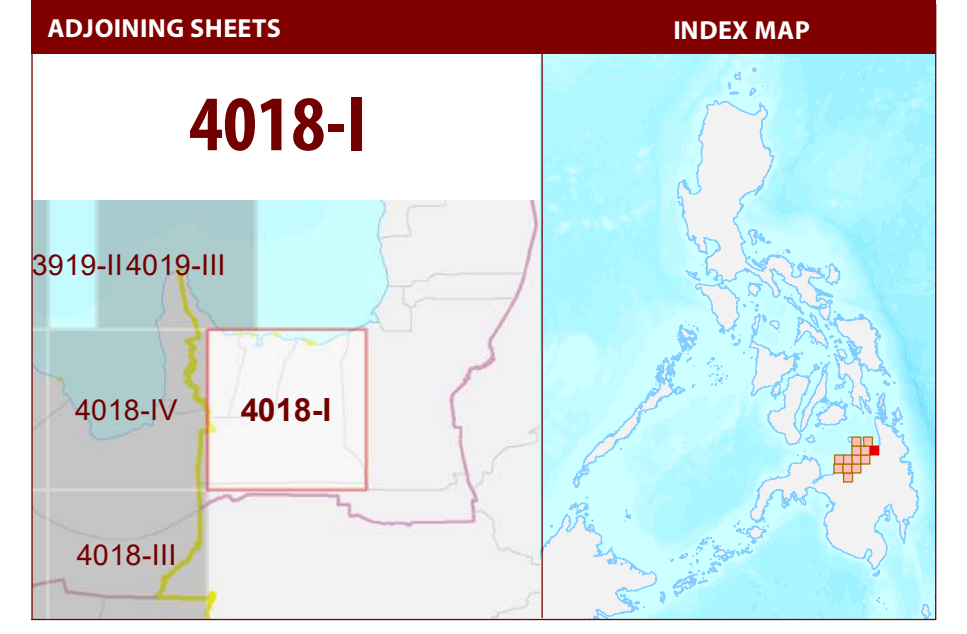
- NGP Areas
- Cacao
- Land limitation
- Land use

CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Region	Sea / Shoreline
Trunk line	Province	Lakes / Rivers
Primary	District	PLACES
Secondary	Municipality	★ Capital City / City
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LAND USE

- Built-up
- Fishpond
- Mangrove



MISCELLANEOUS INFORMATION

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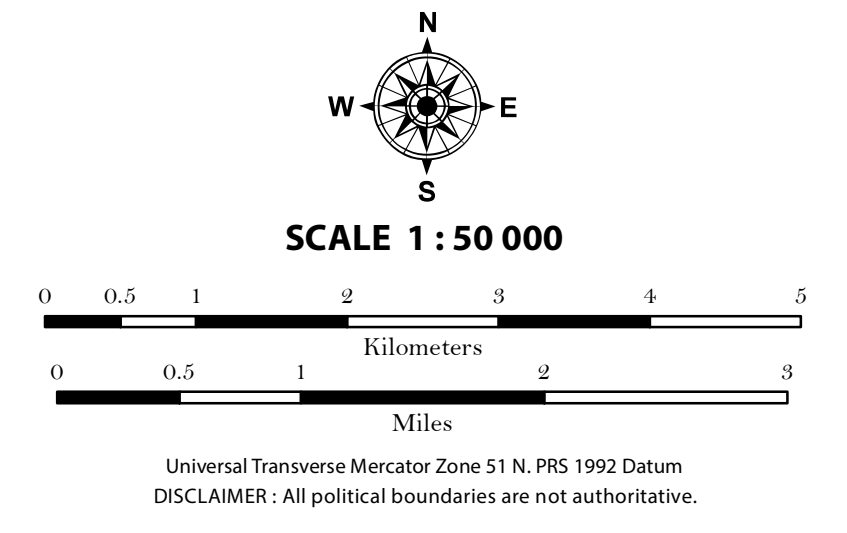
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LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



LEGEND

SUITABILITY CLASSES

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OTHER SIGNS

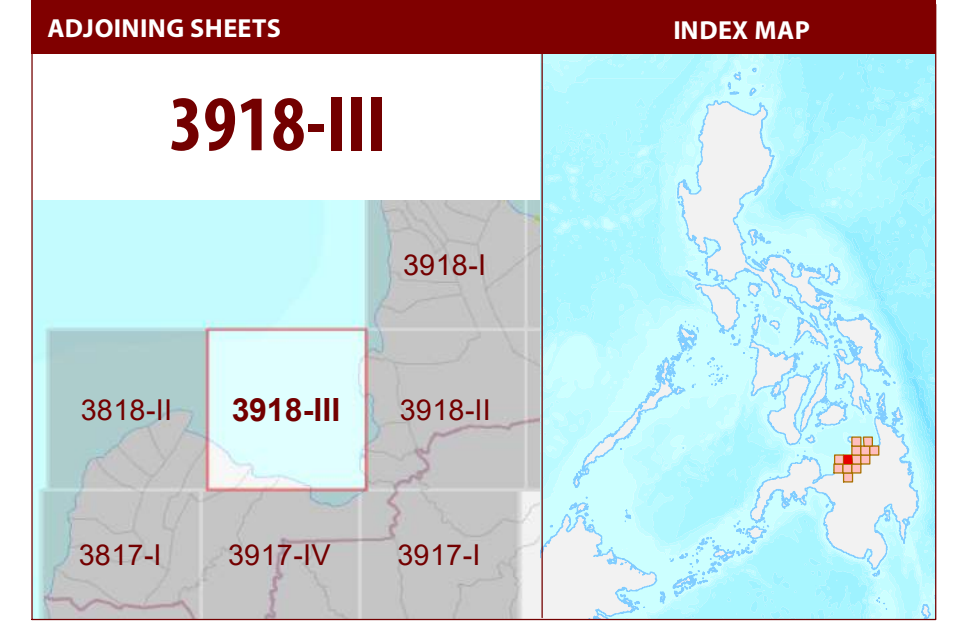
- NGP Areas
- Cacao
- Land limitation
- Land use

CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Region	Sea / Shoreline
Trunk line	Province	Lakes / Rivers
Primary	District	PLACES
Secondary	Municipality	Capital City / City
Tertiary	Barangay	Capital Town / Town

LAND USE

- Built-up
- Fishpond
- Mangrove



MISCELLANEOUS INFORMATION

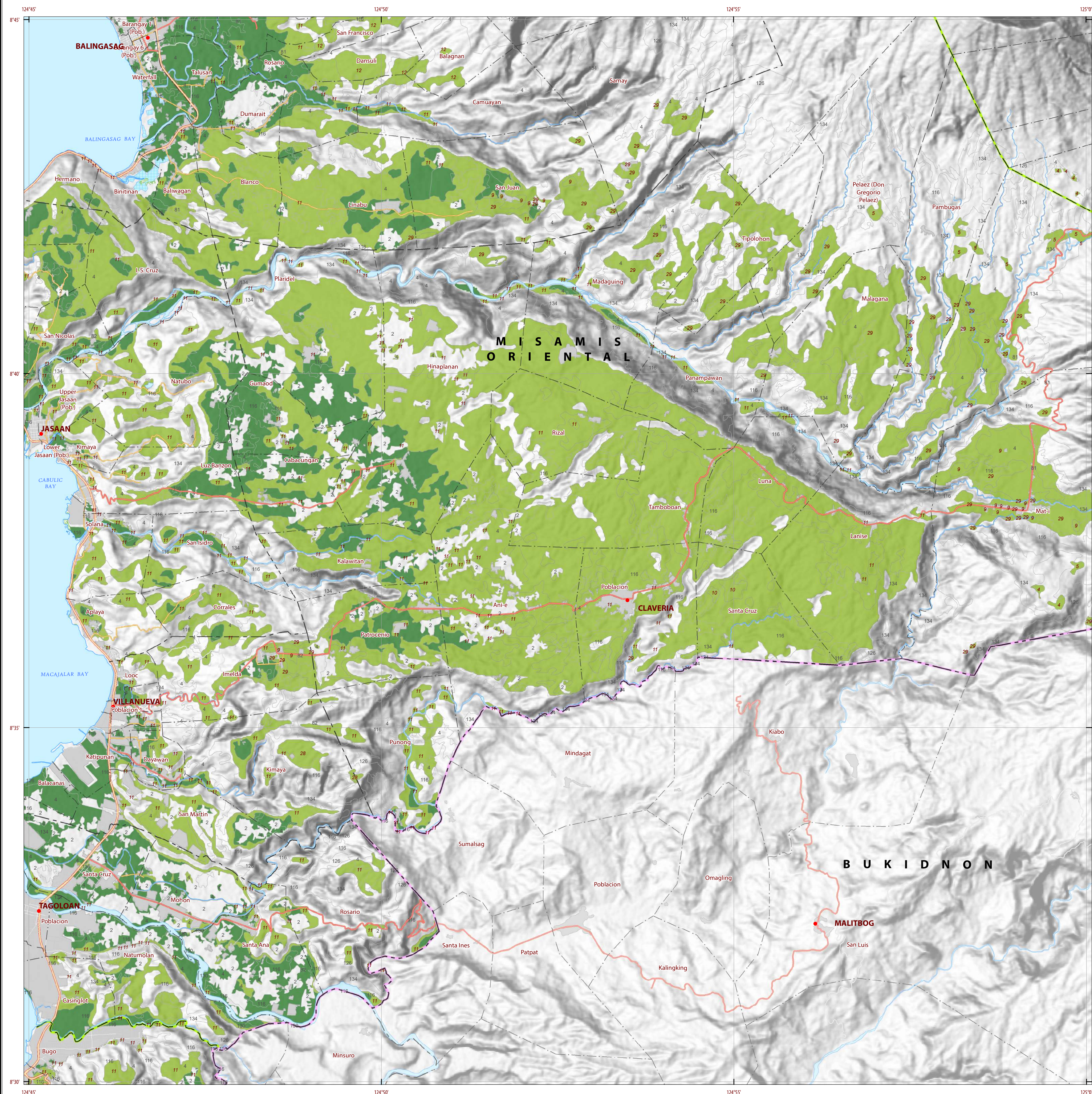
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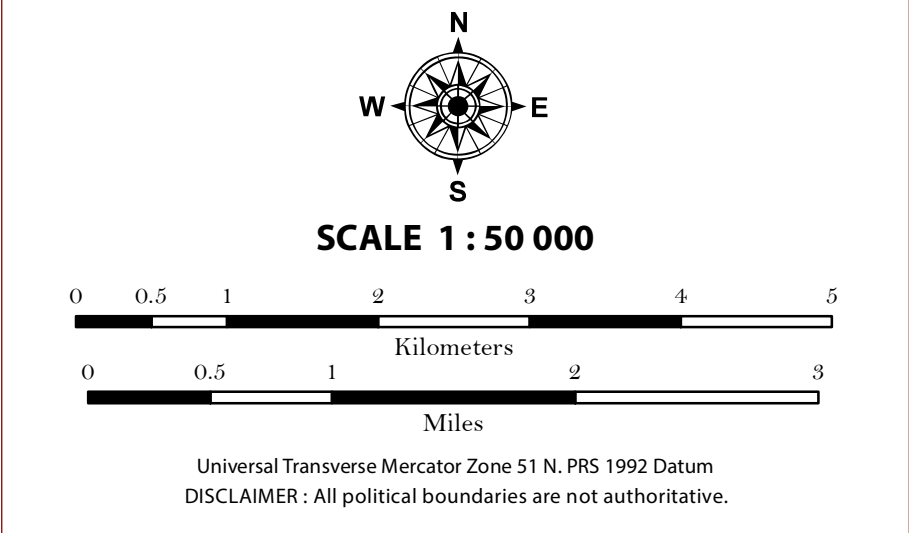
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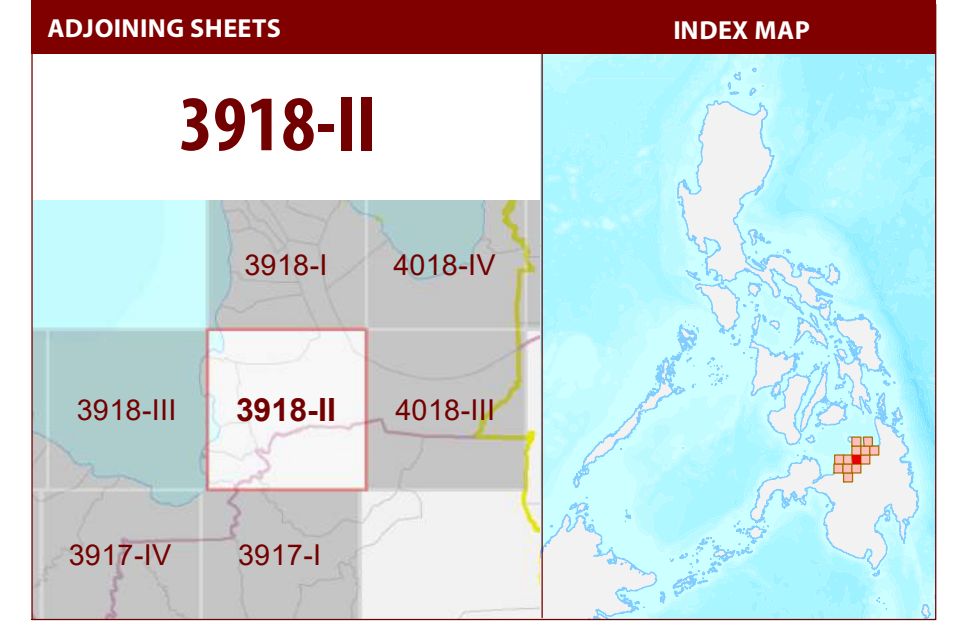
LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



- LEGEND**
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 - Not Suitable/ Not Relevant**
- OTHER SIGNS**
- NGP Areas
 - Cacao
 - Land limitation
 - Land use

- CONVENTIONAL SIGNS**
- | | | |
|--------------|-----------------|-----------------------|
| ROADS | BOUNDARY | HYDROLOGY |
| Expressway | Region | Sea / Shoreline |
| Trunk line | Province | Lakes / Rivers |
| Primary | District | PLACES |
| Secondary | Municipality | ★ Capital City / City |
| Tertiary | Barangay | ● Capital Town / Town |
- LAND USE**
- Built-up
 - Fishpond
 - Mangrove



MISCELLANEOUS INFORMATION

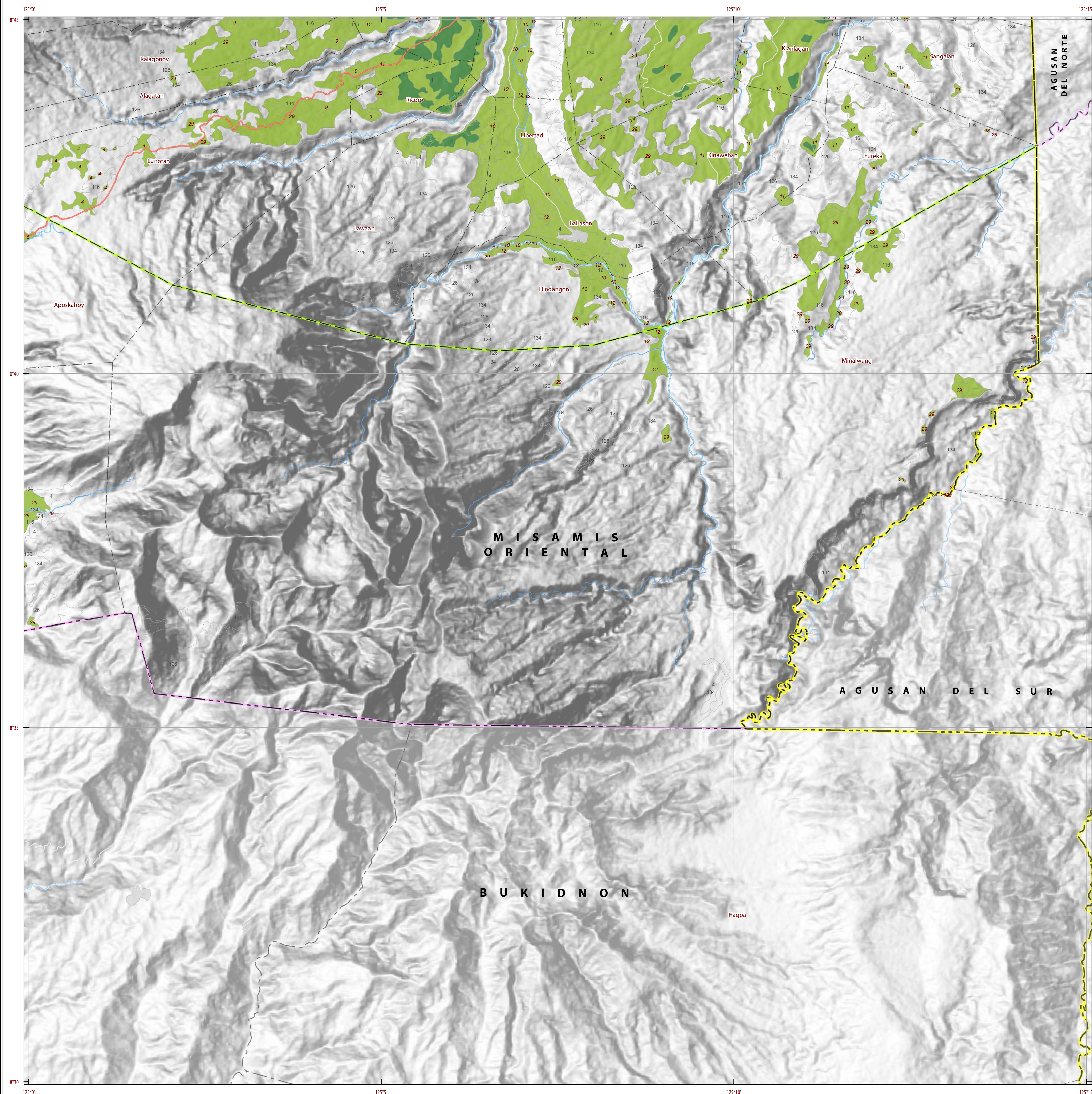
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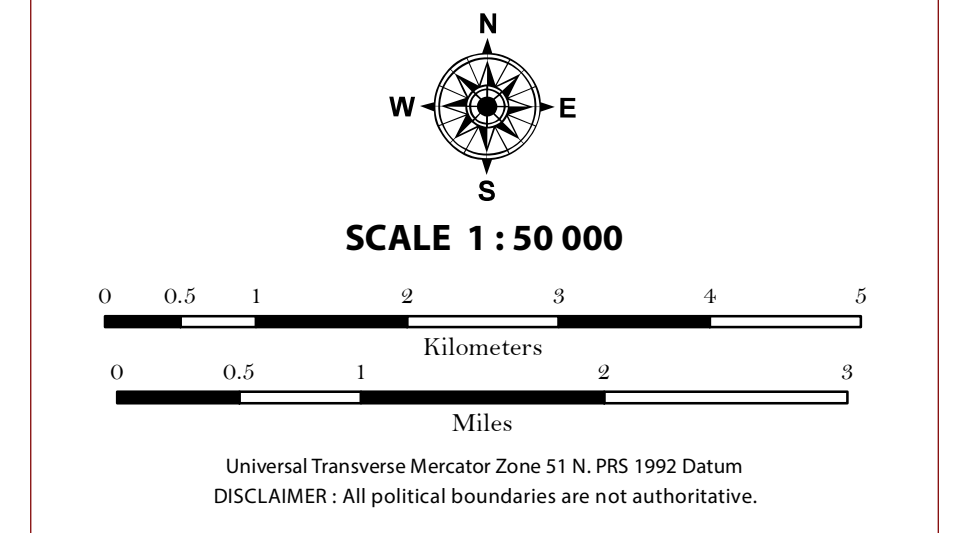
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LAND SUITABILITY MAP ABACA

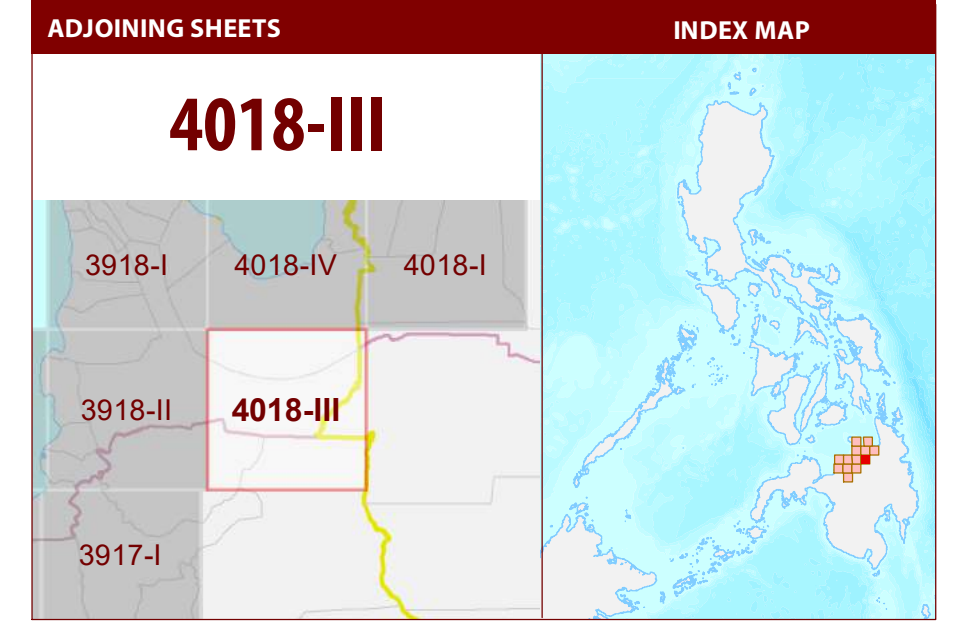
LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



LEGEND

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 - Not Suitable/ Not Relevant**
- OTHER SIGNS**
- NGP Areas
 - Cacao
 - Land limitation
 - Land use

- CONVENTIONAL SIGNS**
- | | | |
|-----------------|-----------------|---------------------|
| ROADS | BOUNDARY | HYDROLOGY |
| Expressway | Region | Sea / Shoreline |
| Trunk line | Province | Lakes / Rivers |
| Primary | District | PLACES |
| Secondary | Municipality | Capital City / City |
| Tertiary | Barangay | Capital Town / Town |
| LAND USE | | |
| Built-up | Fishpond | Mangrove |



MISCELLANEOUS INFORMATION

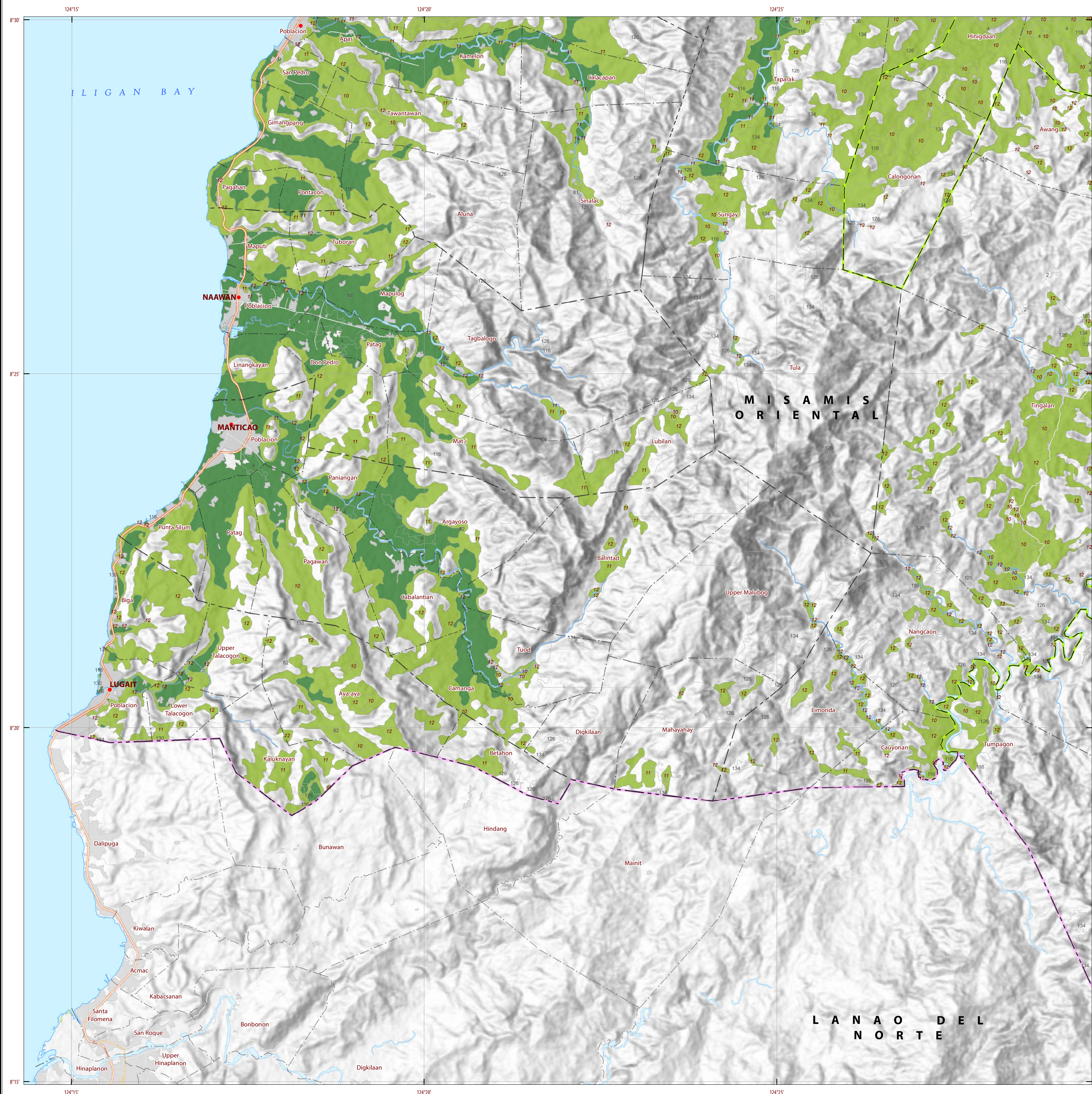
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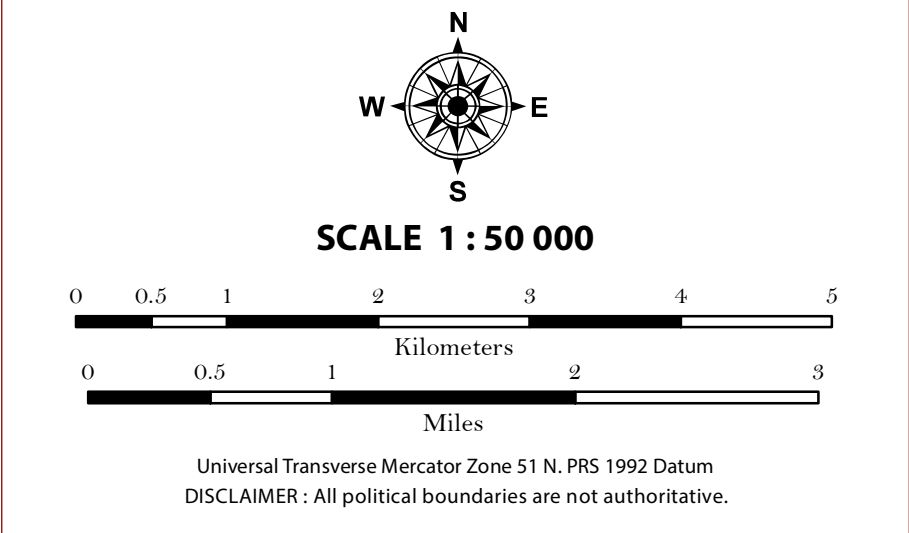
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LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



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Not Suitable/ Not Relevant

OTHER SIGNS

- NGP Areas
- Cacao
- Land limitation
- Land use

CONVENTIONAL SIGNS

ROADS

- Expressway
- Trunk line
- Primary
- Secondary
- Tertiary

BOUNDARY

- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY

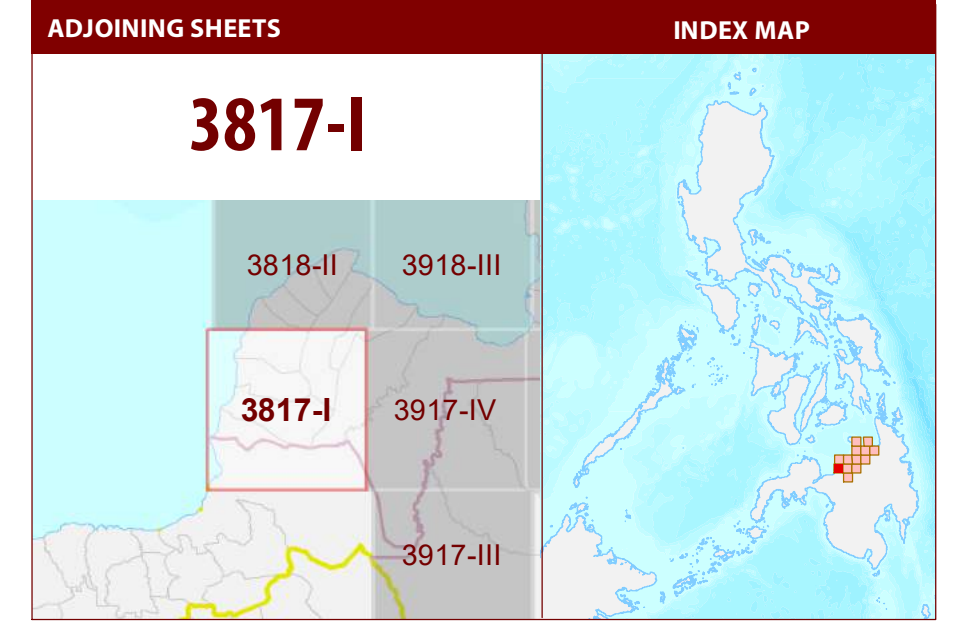
- Sea / Shoreline
- Lakes / Rivers

PLACES

- Capital City / City
- Capital Town / Town

LAND USE

- Built-up
- Fishpond
- Mangrove



MISCELLANEOUS INFORMATION

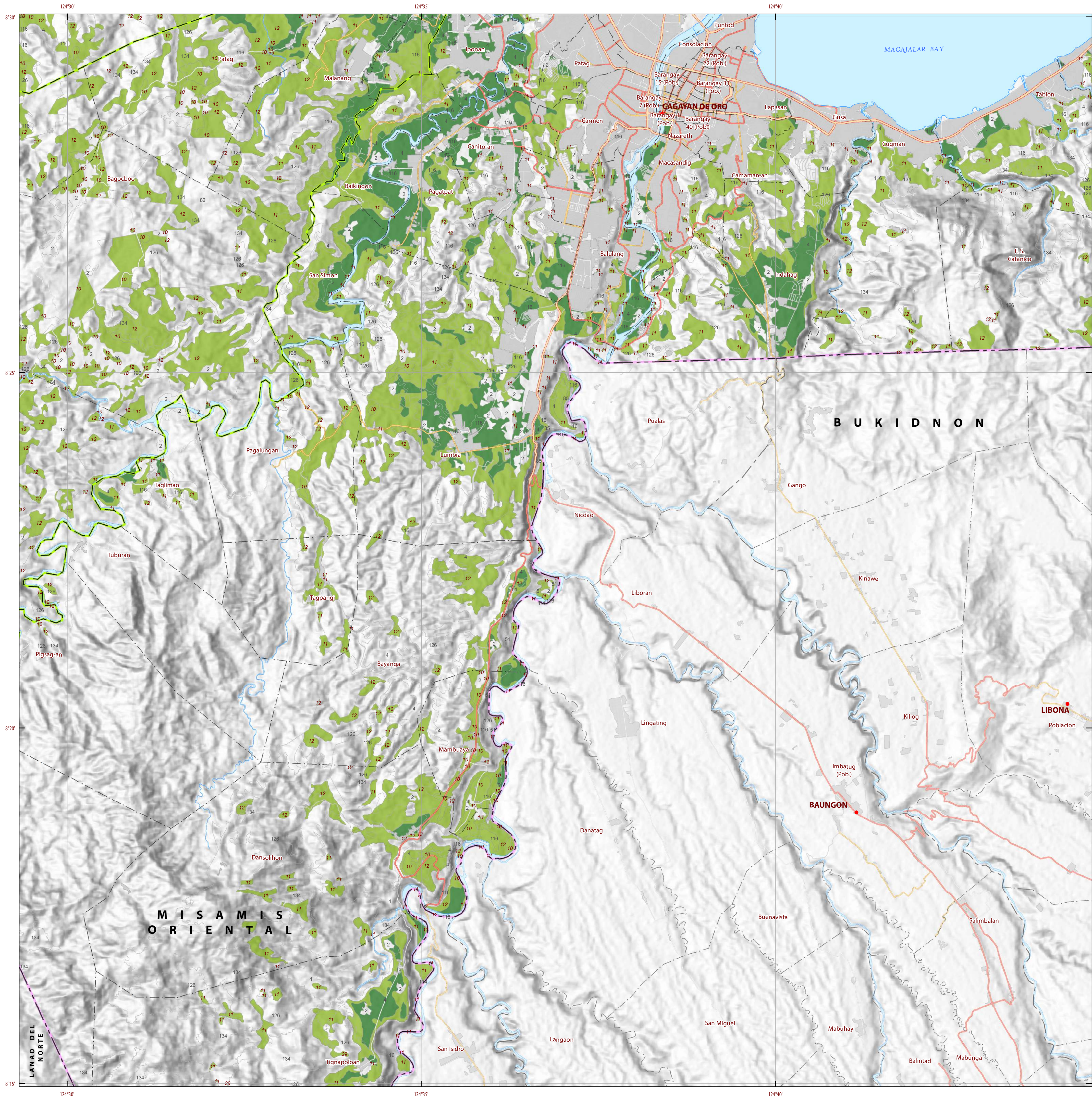
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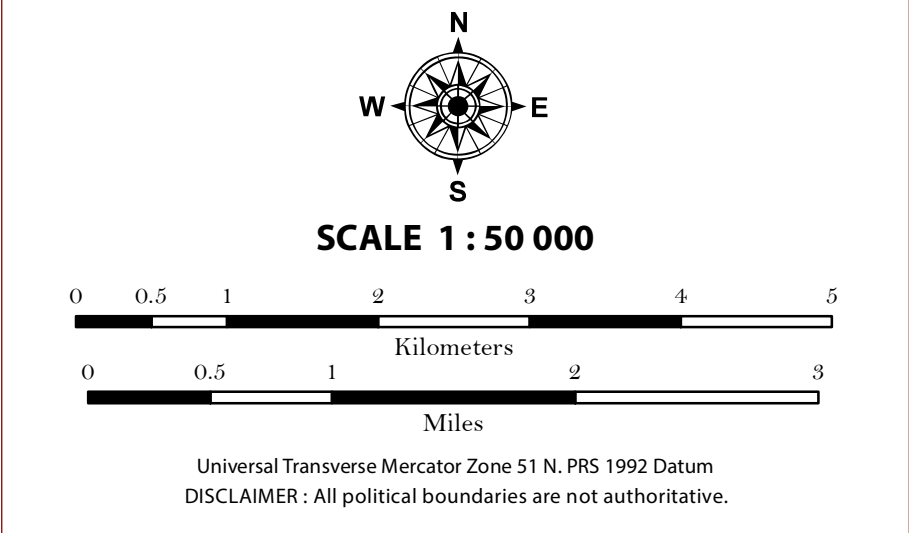
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LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



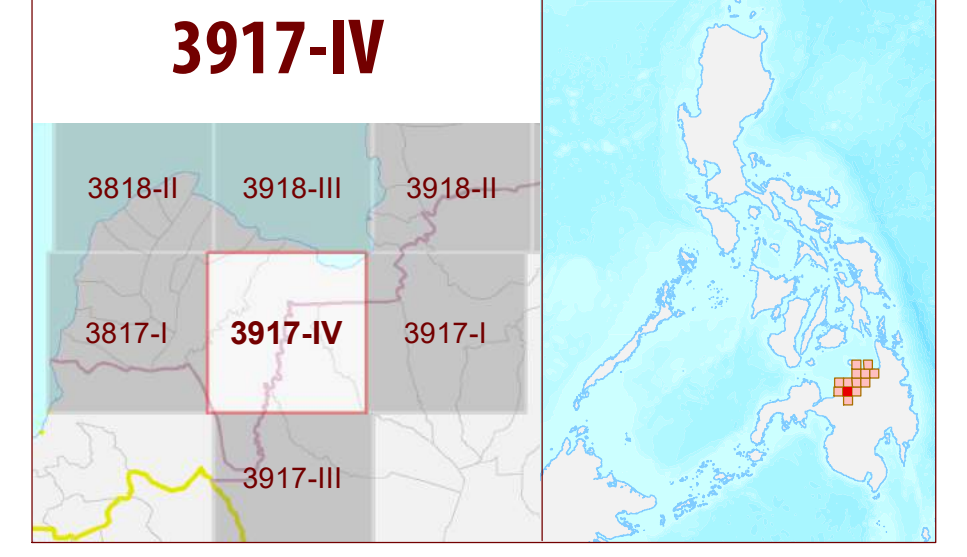
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- Not Suitable/ Not Relevant**
- OTHER SIGNS**
- NGP Areas
 - Cacao
 - Land limitation
 - Land use

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



MISCELLANEOUS INFORMATION

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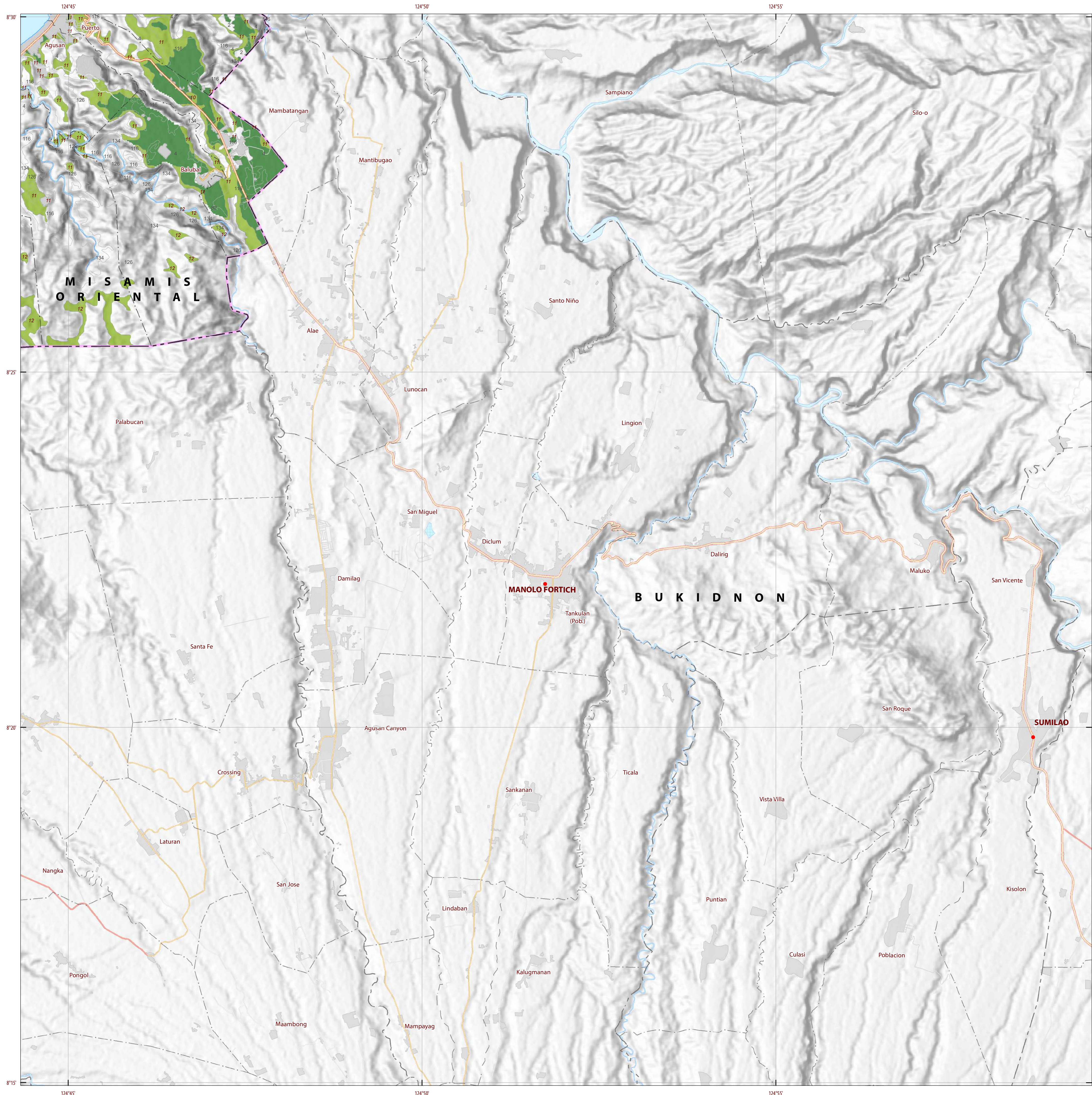
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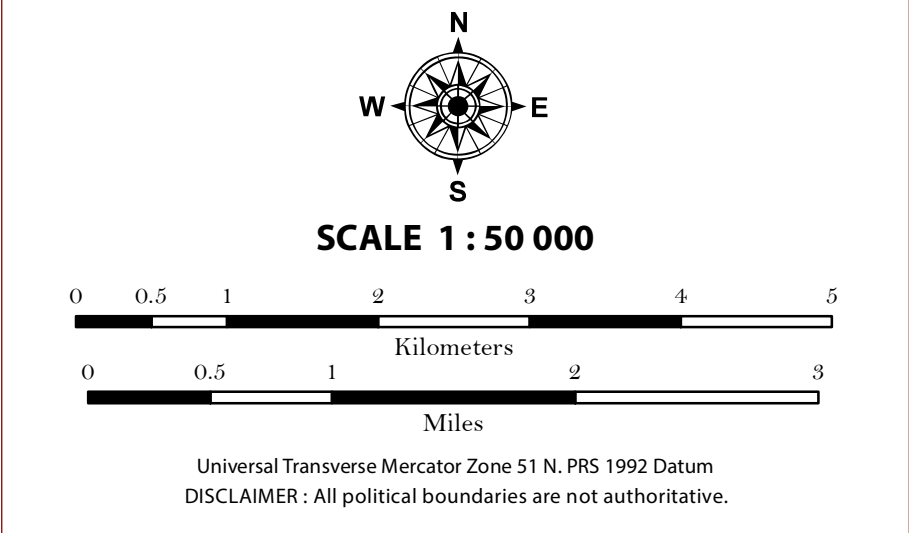
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Not Suitable/ Not Relevant

OTHER SIGNS

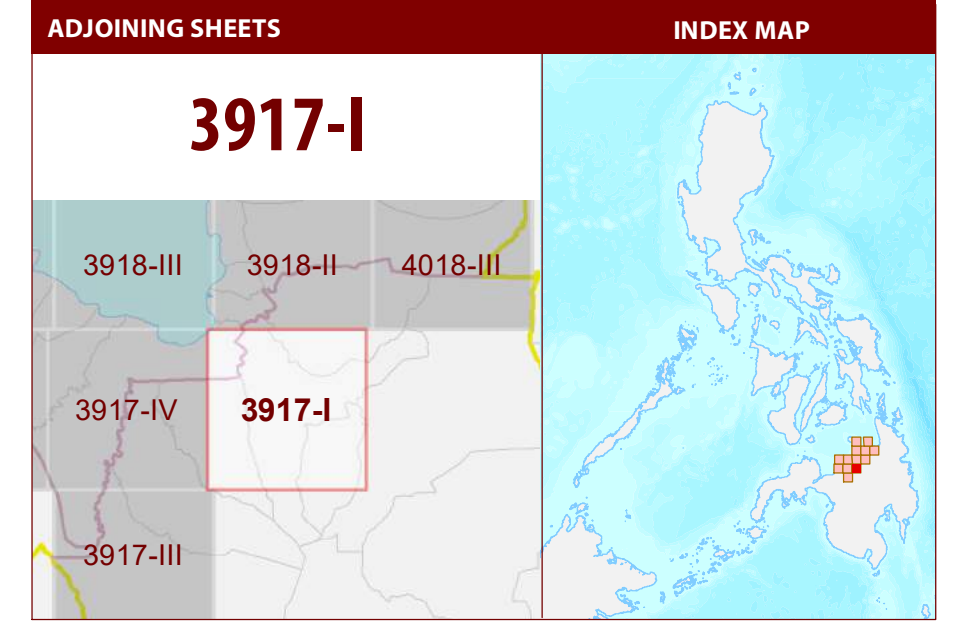
- NGP Areas
- Cacao
- Land limitation
- Land use

CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Region	Sea / Shoreline
Trunk line	Province	Lakes / Rivers
Primary	District	PLACES
Secondary	Municipality	★ Capital City / City
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LAND USE

- Built-up
- Fishpond
- Mangrove



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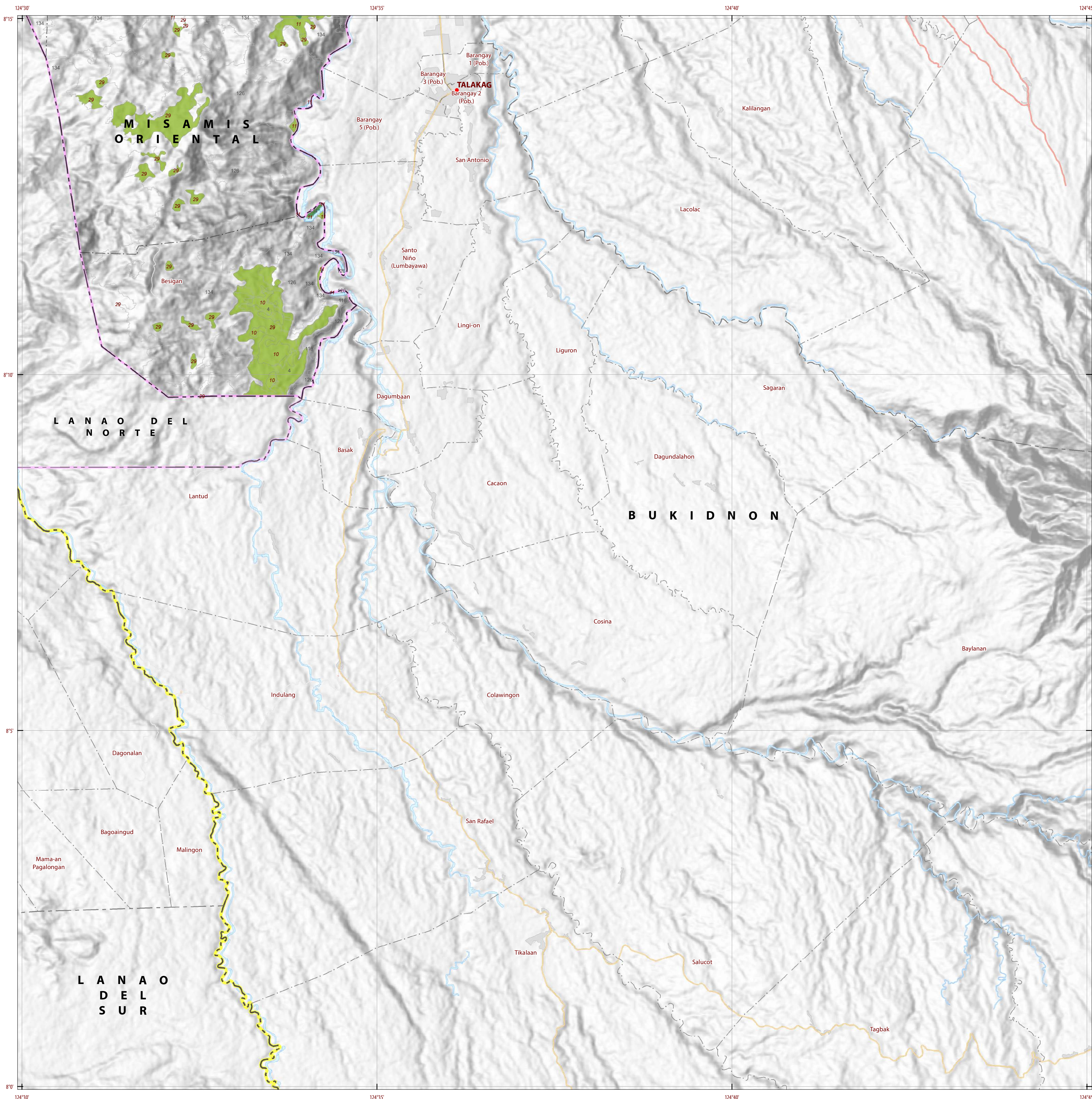
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 GIS and Cartography : IRWIN K. SAMALCA

Funding Agency : Department of Agriculture - Bureau of Agricultural Research (DA-BAR)
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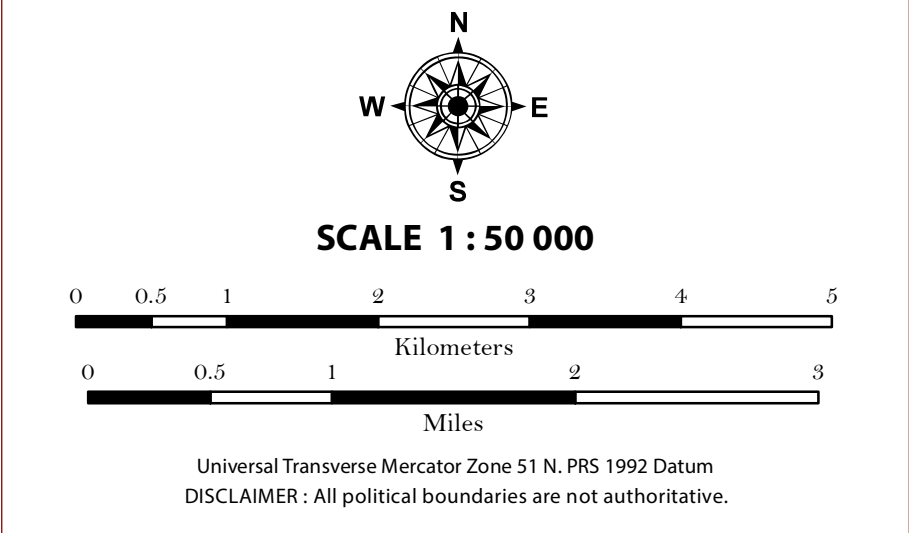
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REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 BUREAU OF SOILS AND WATER MANAGEMENT
 SRDC Bldg, Elliptical Road Cor. Visayas Avenue, Diliman, Quezon City 1101
 Tel/Fax No.:(+632) 332-9534 E-mail: bswmcenter@da.gov.ph



LAND SUITABILITY MAP ABACA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



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 increase required 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

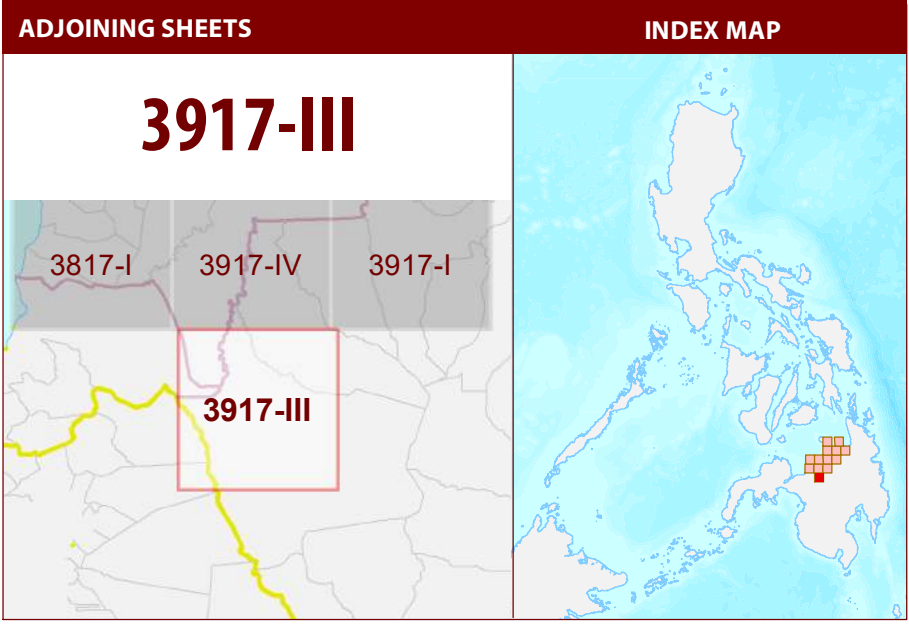
- NGP Areas
- Cacao
- Land limitation
- Land use

CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Region	Sea / Shoreline
Trunk line	Province	Lakes / Rivers
Primary	District	PLACES
Secondary	Municipality	★ Capital City / City
Tertiary	Barangay	● Capital Town / Town

LAND USE

- Built-up
- Fishpond
- Mangrove



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).

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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