LAND SUITABILITY MAP

CACAO

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

PROVINCE OF PALAWAN

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
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MAP INDEX

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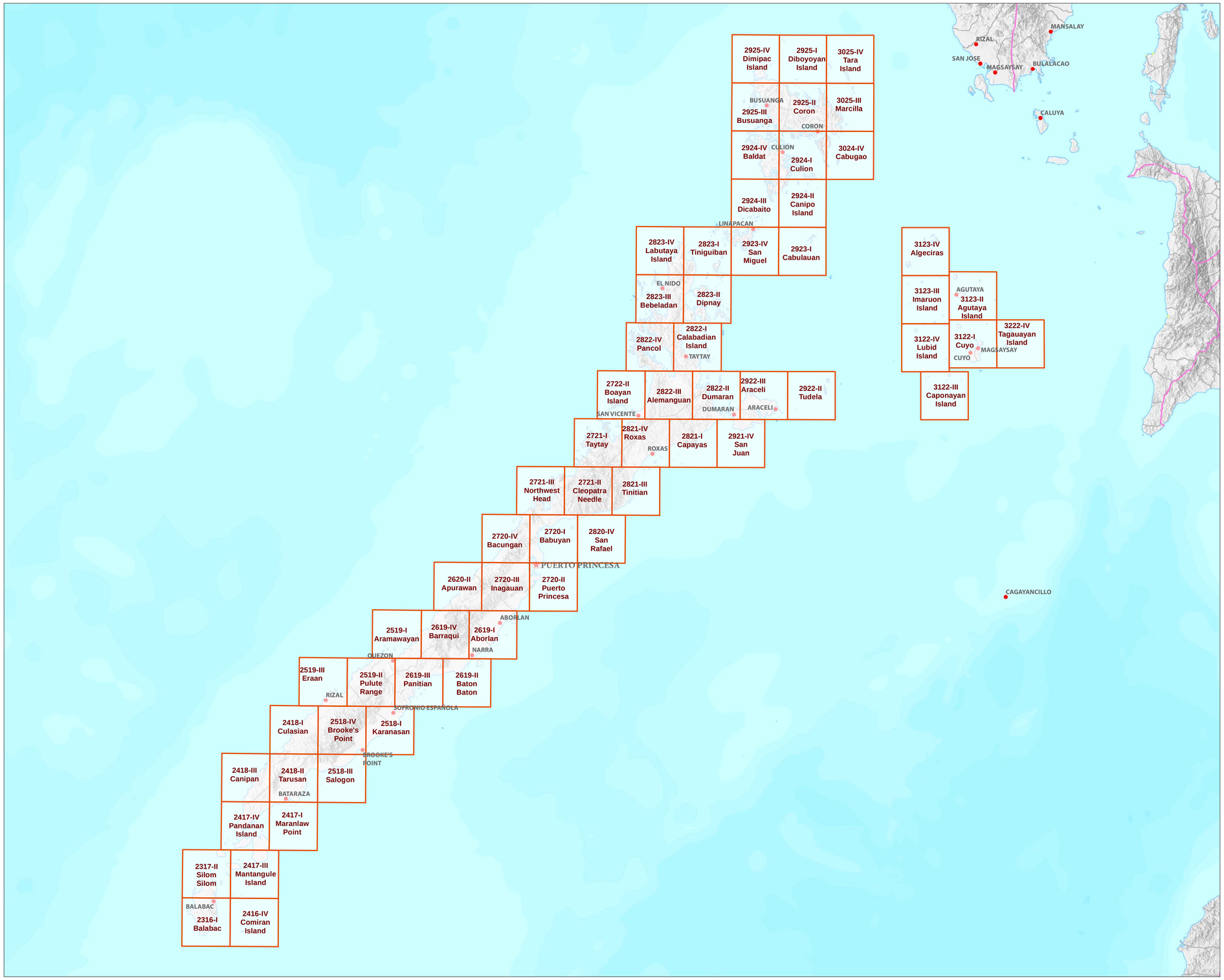
PROVINCE OF PALAWAN



LEGEND

Places

- Capital City
- City
- Capital Town
- Town

Administrative Boundary

- Regional
- Provincial
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Map Index

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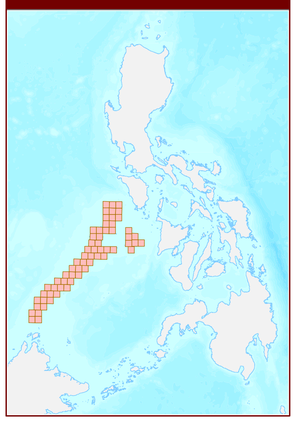
Topographic Relief

Bathymetry

LOCATION MAP



LAND SUITABILITY MAP FOR CACAO

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

PALAWAN, REGION IV-B

EXTENT OF SUITABILITY FOR CACAO PRODUCTION BY MUNICIPALITY

MUNICIPALITY	EXISTING CACAO (Ha)			TOTAL EXISTING AREA (Ha)	EXPANSION AREA (Ha)						CONFLICT RESOLUTION (Ha)						TOTAL POTENTIAL EXPANSION AREA (Ha)
					Coconut		Shrubland, unmanaged*		Grassland, unmanaged*		Rice paddy, non-irrigated		Corn		Other crops		
	S1	S2	S3		S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	
ABORLAN	-	-	-	-	14,186	1,202	2,897	2,444	338	46	4,372	283	2	-	-	-	25,772
AGUTAYA	-	-	-	-	96	74	-	-	1,656	99	-	-	-	-	-	-	1,924
ARACELI	-	-	-	-	4	159	300	3,399	66	584	721	1,154	-	14	-	-	6,402
BALABAC	-	-	-	-	16,565	-	1,877	43	765	7	26	-	-	-	-	-	19,283
BATARAZA	46	6	64	116	20,127	666	8,454	481	1,652	16	5,487	16	-	-	-	-	36,900
BROOKE'S POINT	22	10	29	61	19,256	835	2,051	474	-	-	8,041	27	-	-	-	-	30,684
BUSUANGA	-	-	-	-	14	25	2,353	2,604	3,808	2,999	729	514	4	2	-	-	13,054
CORON	-	-	-	-	37	95	1,793	3,693	5,501	4,962	494	294	-	-	-	-	16,869
CULION	-	-	-	-	5	9	517	2,373	2,090	5,448	1,538	775	41	21	-	-	12,818
CUYO	-	-	-	-	3,014	195	368	-	56	34	38	-	6	-	-	-	3,711
DUMARAN	-	-	-	-	87	99	556	2,905	1,715	4,637	3,079	1,710	-	1	-	-	14,789
EL NIDO	-	-	-	-	1,085	189	2,425	2,853	1,866	1,770	3,455	991	34	4	-	-	14,672
LINAPACAN	-	-	-	-	-	129	18	570	72	765	7	301	2	37	-	-	1,902
MAGSAYSAY	-	-	-	-	3,302	155	3	-	231	132	44	17	5	8	-	-	3,898
NARRA	-	-	-	-	6,317	501	6,286	3,045	1,484	102	16,330	195	8	-	-	-	34,267
PUERTO PRINCESA CITY	-	-	-	-	8,142	4,574	8,780	5,587	1,836	955	9,190	1,332	70	3	-	-	40,469
QUEZON	4	8	13	25	12,133	4,584	9,262	8,094	842	11	3,823	202	11	-	-	-	38,962
RIZAL	29	5	15	48	11,208	1,166	24,961	3,055	11	2	5,154	129	-	-	-	3	45,689
ROXAS	-	-	-	-	1,365	1,122	1,049	2,878	6,180	11,622	2,208	1,344	-	-	-	-	27,767
SAN VICENTE	-	-	-	-	130	418	87	741	1,600	3,604	2,063	1,135	75	31	-	-	9,884
SOFRONIO ESPAÑOLA	12	17	21	51	7,023	6,151	2,899	8,158	7	15	1,799	365	-	-	-	-	26,416
TAYTAY	-	-	-	-	680	226	3,247	4,381	5,136	5,649	9,097	1,424	66	33	-	-	29,939
TOTAL	113	46	142	**301**	124,777	22,574	80,184	57,779	36,913	43,460	77,695	12,206	325	154	-	3	**456,069**

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

AGRONOMIC REQUIREMENT OF CACAO 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
Cacao	S1	<8	>100	CL, SiCL, SCL, SC, SiC, C, HC	WD,MWD	5.6 -7.2	high	none-slight	none-slight	none-few	<1000	2001-4500	I, III, IV
	S2	8 - 30	50 - 100	FSL, L, SiL	SPD,PD	5.1 - 5.5 7.3 - 7.8	medium	moderate	moderate	common	1000-1500	1000-2000	I, II
	S3	>30	<50	S, LS, CSL, SL	VPD,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
El2 - 1000m - 1500m
El3 - > 1500m

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

SOIL DEPTH
Sh2 - Moderately deep (50 - 100cm)
Sh3 - Very shallow to shallow (< 50cm)

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	LAND LIMITATION	CODE	LAND LIMITATION	CODE	LAND LIMITATION	CODE	LAND LIMITATION
1	E2	*13*	T2	*25*	T2-El3-E3-Rc3	*37*	T3-El2-E3-Rc2
2	E2-Sh2-Rc2	*14*	T2-E3	*26*	T2-F2-D2	*38*	T3-El2-E3-Rc3
3	El2	*15*	T2-E3-Rc2	*27*	T2-F3-D2	*39*	T3-El2-E3-Sh2-Rc3
4	El2-E3-Rc3	*16*	T2-E3-Rc3	*28*	T3	*40*	T3-El2-E3-Sh3-Rc3
5	El2-Rc2	*17*	T2-E3-Sh2-Rc2	*29*	T3-E3	*41*	T3-El3
6	El2-Sh2-Rc2	*18*	T2-E3-Sh2-Rc3	*30*	T3-E3-Rc2	*42*	T3-El3-E3
7	El3	*19*	T2-El2	*31*	T3-E3-Rc3	*43*	T3-El3-E3-Sh2-Rc3
8	El3-E3-Rc3	*20*	T2-El2-E3	*32*	T3-E3-Sh2-Rc3	*44*	T3-El3-E3-Sh3-Rc3
9	F2-D1	*21*	T2-El2-E3-Rc2	*33*	T3-E3-Sh3-Rc2	*45*	T3-F3-D2
10	F3-D1	*22*	T2-El2-E3-Rc3	*34*	T3-E3-Sh3-Rc3	*46*	Tc
11	Sh2	*23*	T2-El2-E3-Sh2-Rc3	*35*	T3-El2		
12	Sh2-Rc2	*24*	T2-El3-E3	*36*	T3-El2-E3		

CODE	LAND USE
2	Rice paddy, non-irrigated
4	Corn
81	Coffee
82	Cacao
116	Coconut
126	Grassland
134	Shrubland, unmanaged
137	Rubber

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

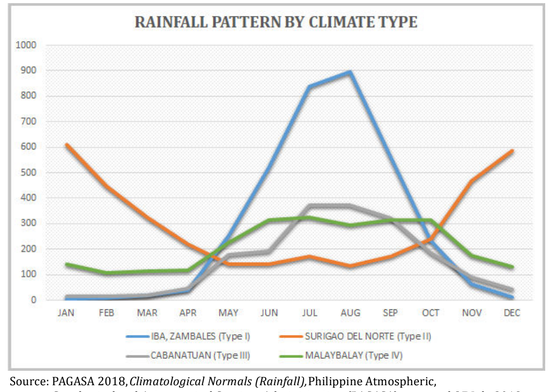
TYPE I : Two pronouced season, dry from November to April and wet during the rest of the year. Maximum rain period is from June to September

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.

Northwestern part of Palawan belongs to climatic Type I and southeast part of the island is Type III.



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 CACAO

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
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LEGEND

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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

2925-IV
2925-IV 2925-I
2925-III 2925-II

INDEX MAP

MISCELLANEOUS INFORMATION

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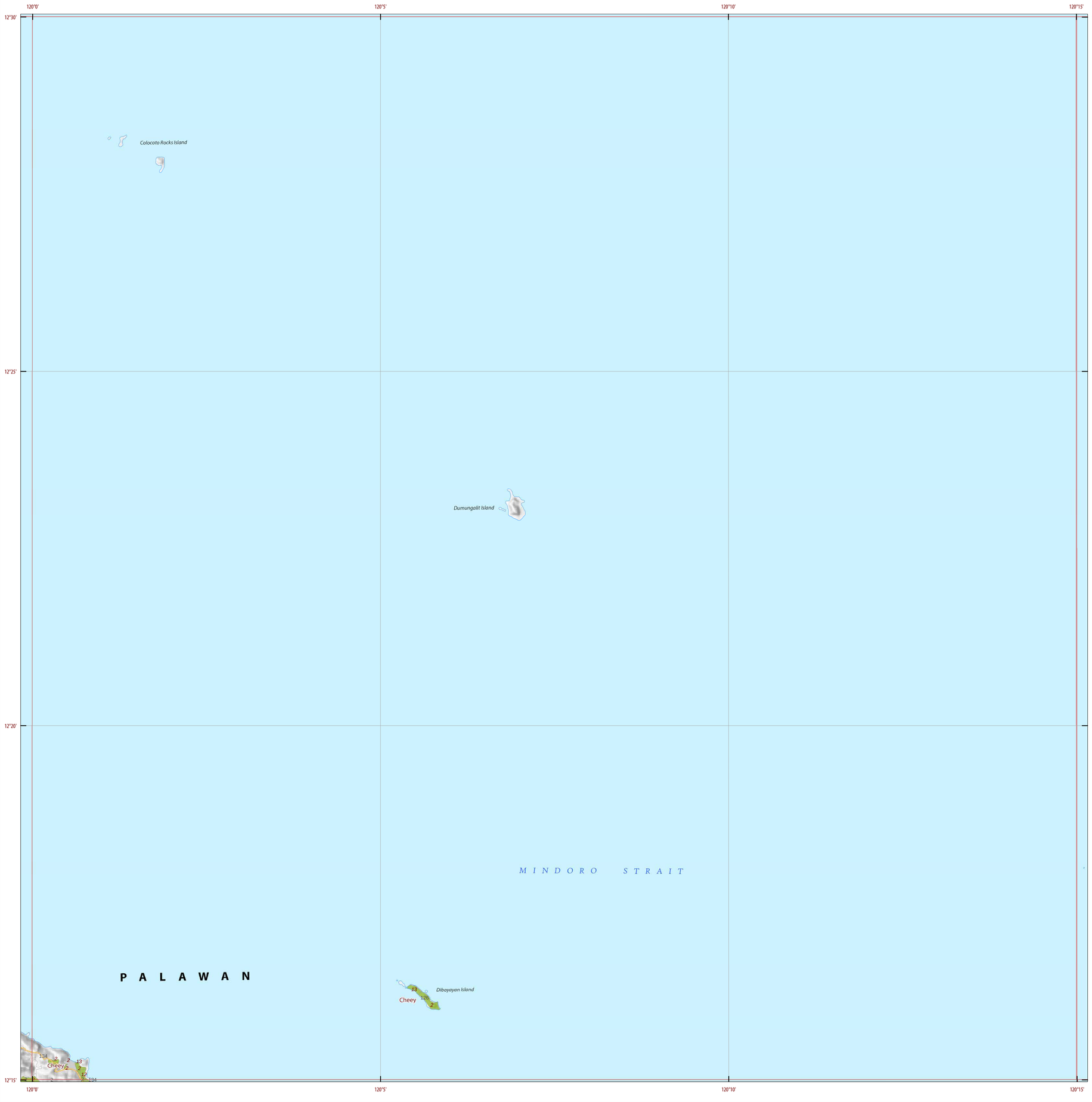

LAND SUITABILITY MAP CACAO

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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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Miles

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Not Suitable/ Not Relevant

OTHER SIGNS

NGP Areas
Cacao
1 Land limitation
118 Land use

CONVENTIONAL SIGNS

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Expressway
Trunk line
Primary
Secondary
Tertiary

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LAND USE
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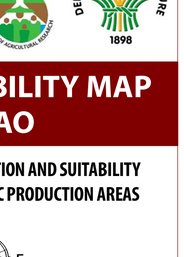

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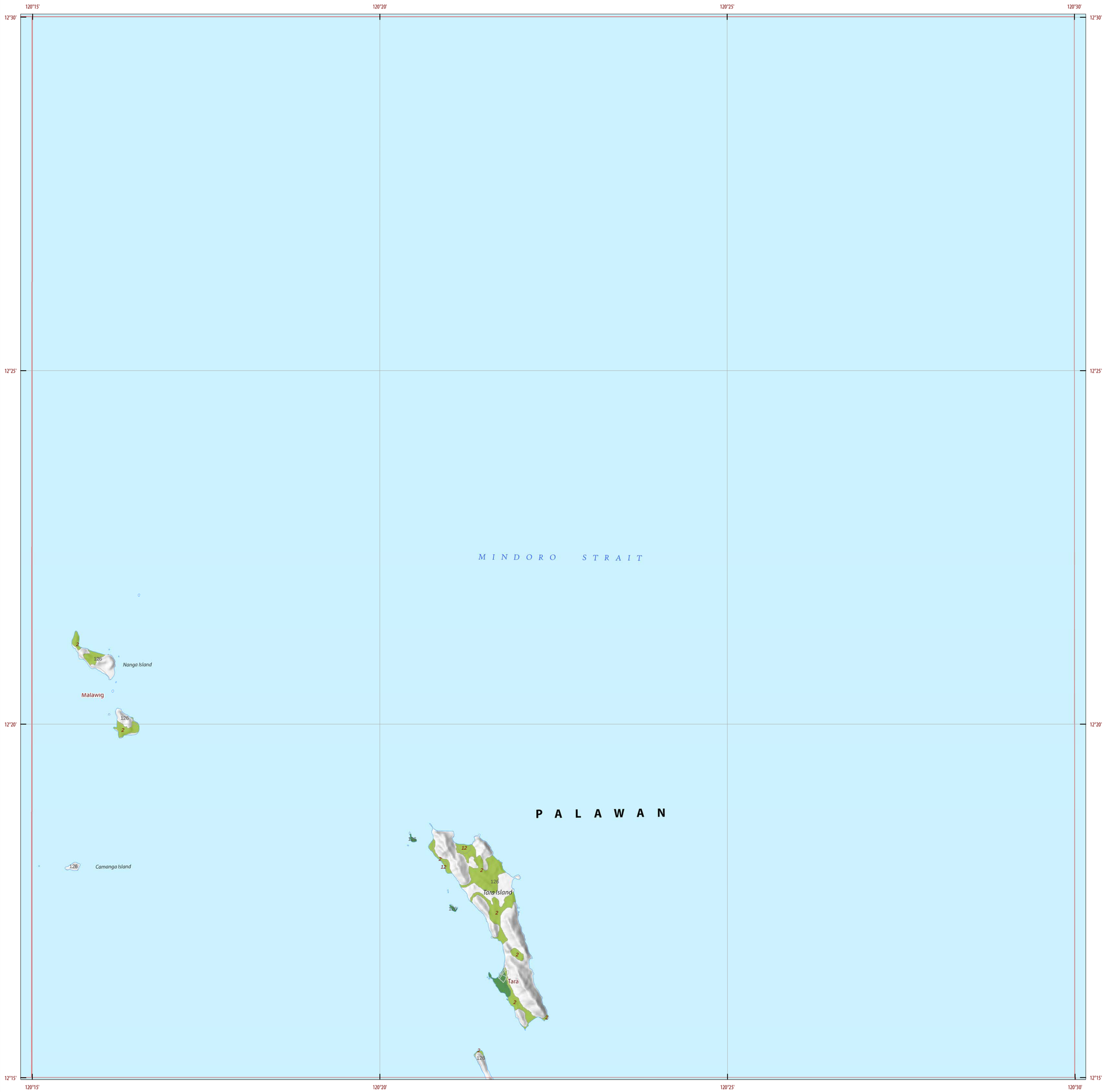

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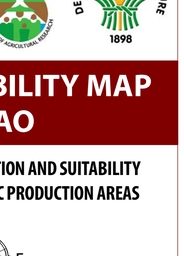

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- Cacao
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- 118 Land use

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2924-IV 2924-I

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LAND SUITABILITY MAP CACAO

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
- 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

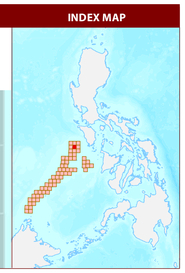
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2925-II

2925-IV	2925-I	3025-IV
2925-III	2925-II	3025-III
2924-IV	2924-I	3024-IV

INDEX MAP



MISCELLANEOUS INFORMATION

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LAND SUITABILITY MAP CACAO

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
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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

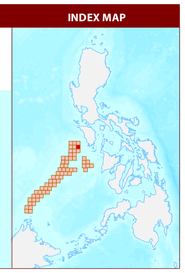
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3025-III
2925-I 3025-IV
2925-II 3025-III
2924-I 3024-IV

INDEX MAP



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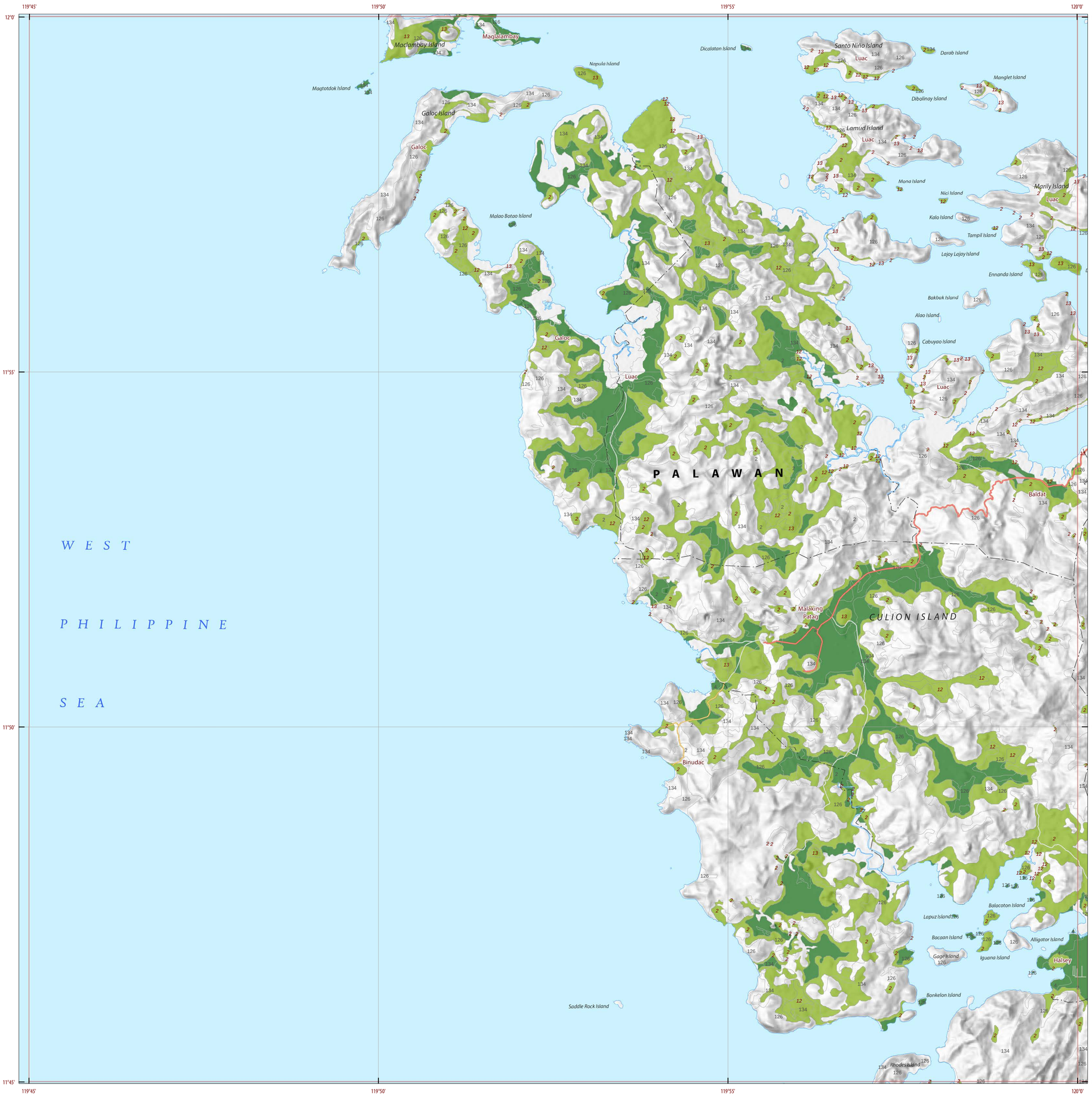

LAND SUITABILITY MAP CACAO

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
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LEGEND

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OTHER SIGNS

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- Cacao
- 1 Land limitation
- 118 Land use

CONVENTIONAL SIGNS

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- Trunk line
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- Tertiary

BOUNDARY
- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

PLACES
- Capital City / City
- Capital Town / Town

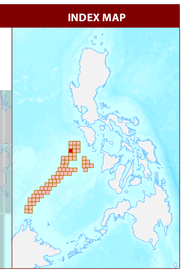
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2924-IV

2925-III | 2925-II
2924-IV | 2924-I
2924-III | 2924-II

INDEX MAP



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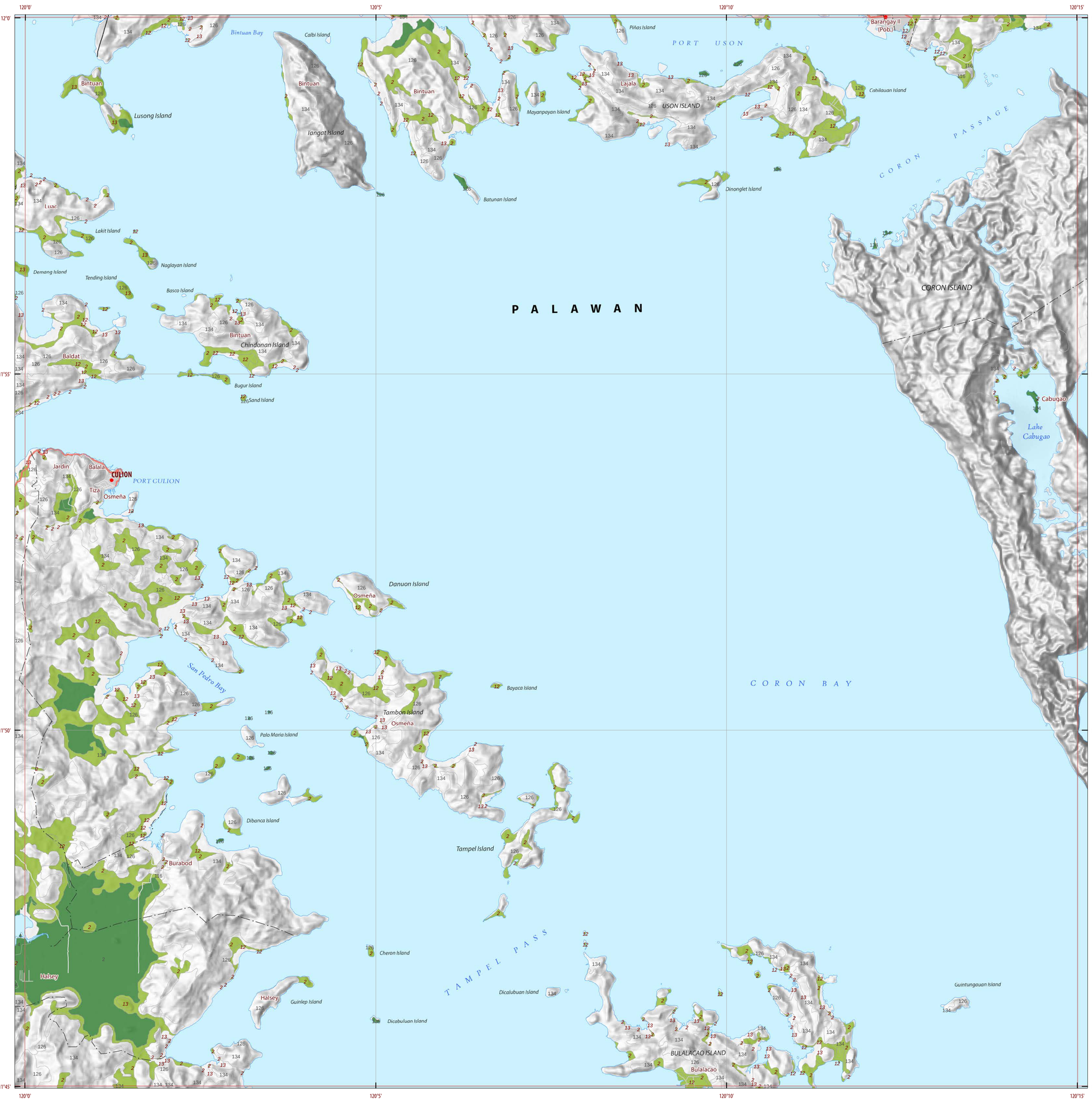

LAND SUITABILITY MAP CACAO

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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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
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

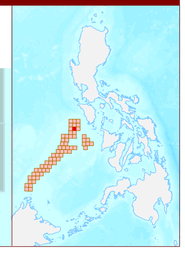
LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

2924-I

2925-III | 2925-II | 3025-III
2924-IV | 2924-I | 3024-IV
2924-III | 2924-II

INDEX MAP



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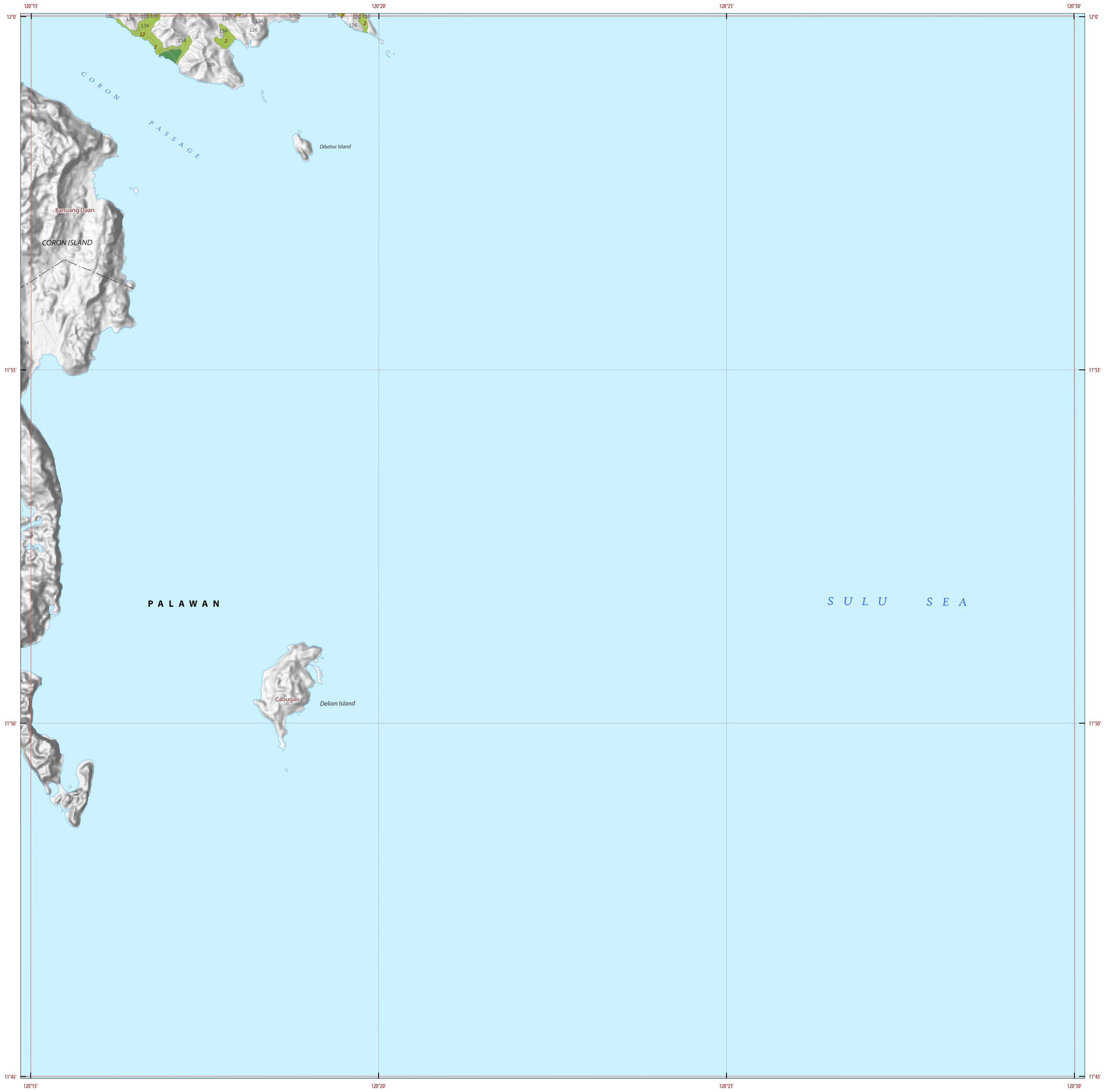

LAND SUITABILITY MAP CACAO

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
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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

3024-IV
2925-II
3025-III
2924-I
3024-IV
2924-II

INDEX MAP

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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

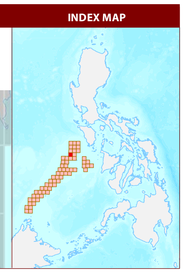
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2924-III

2924-IV | 2924-I
2924-III | 2924-II
2823-I | 2923-IV | 2923-I

INDEX MAP



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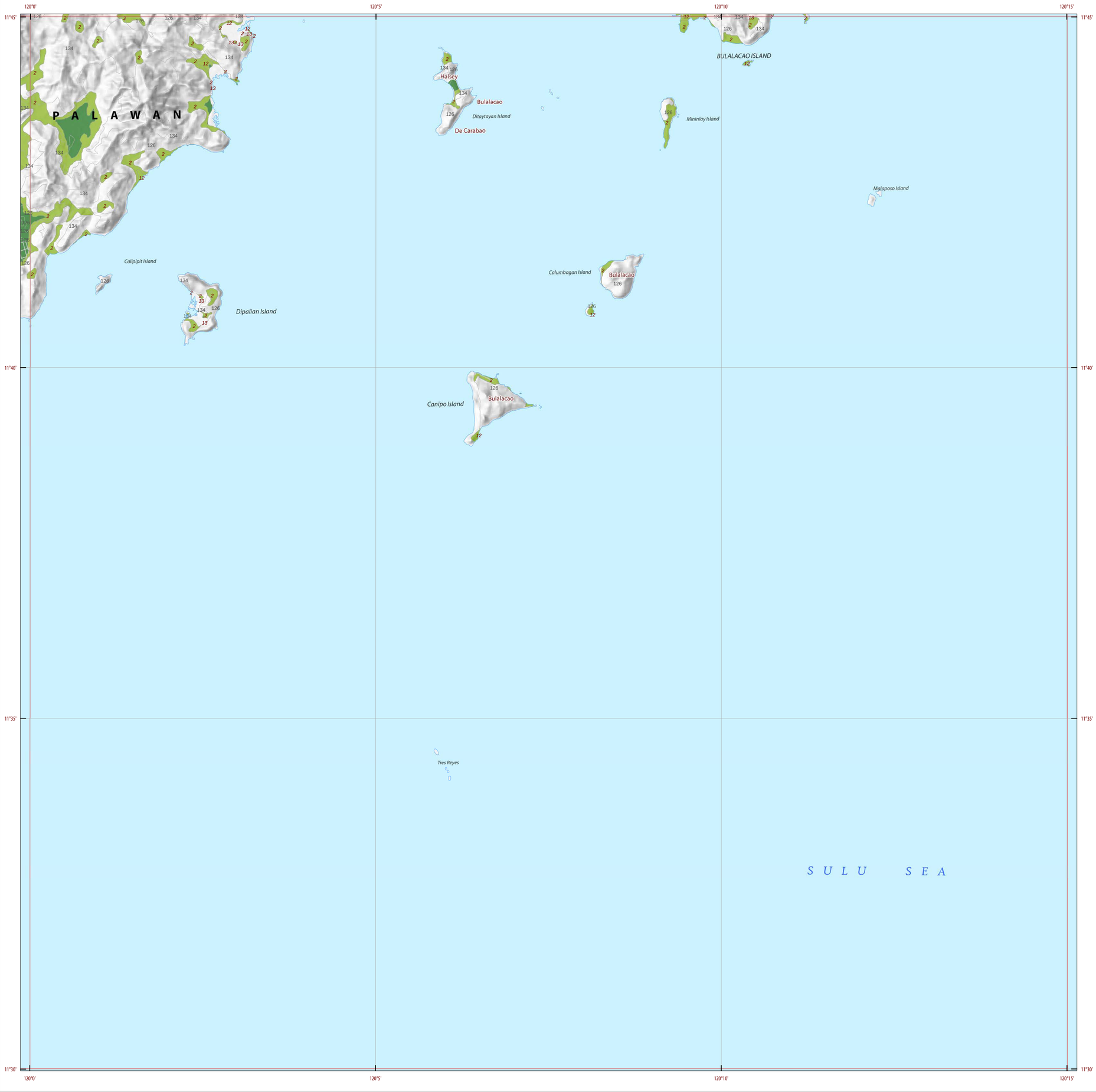

LAND SUITABILITY MAP CACAO

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

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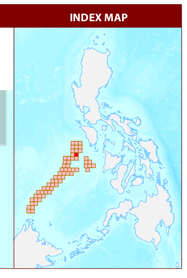
2924-II
2924-IV 2924-I 3024-IV
2924-III 2924-II
2923-IV 2923-I

INDEX MAP



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N W E S

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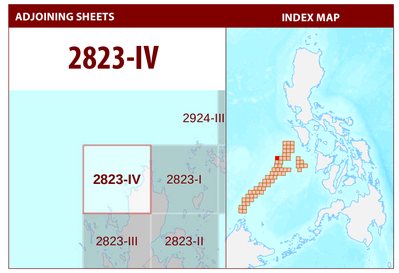
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2823-IV

INDEX MAP



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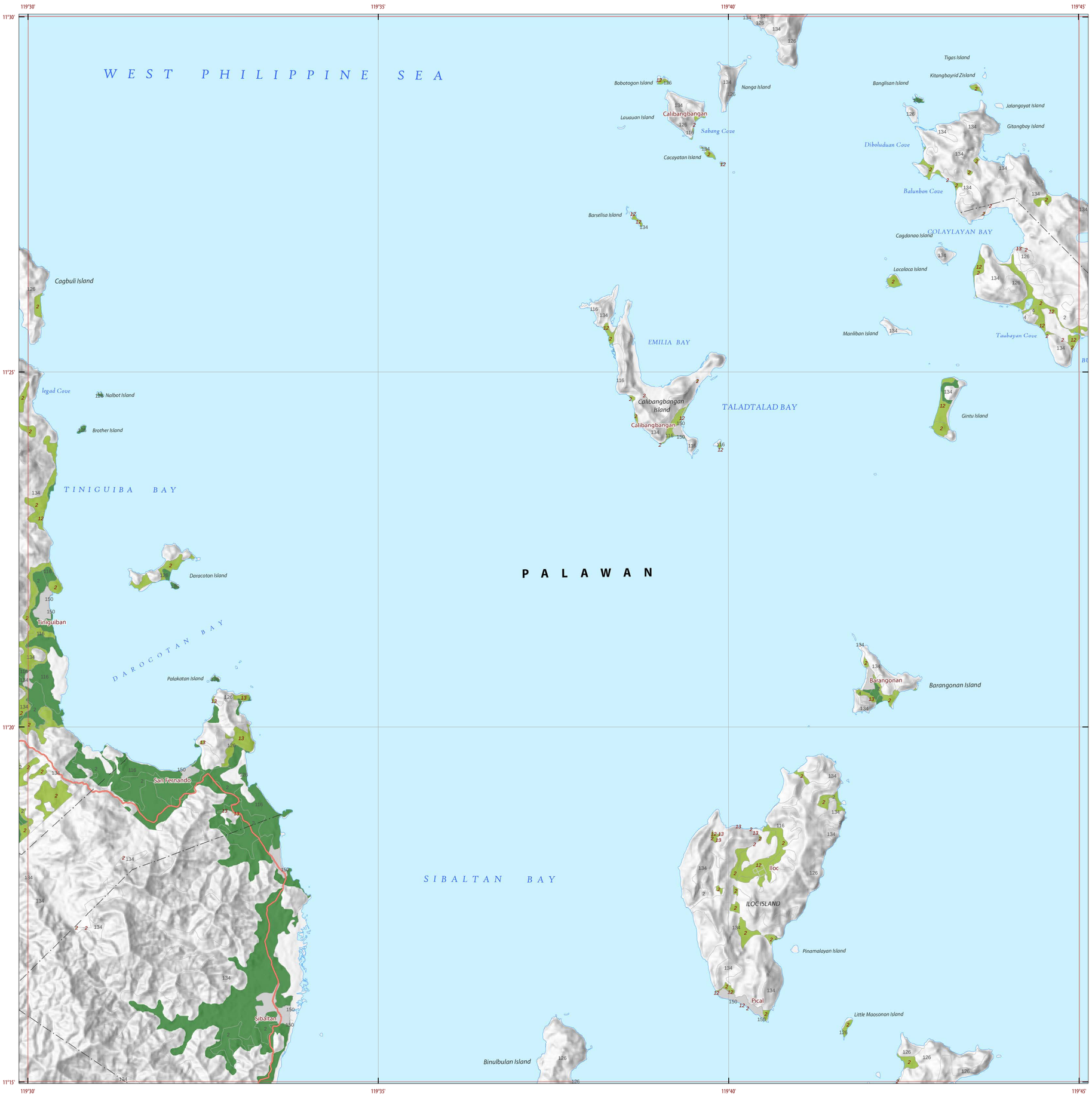


LAND SUITABILITY MAP CACAO

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
- Land limitation
- Land use

CONVENTIONAL SIGNS

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

BOUNDARY
- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

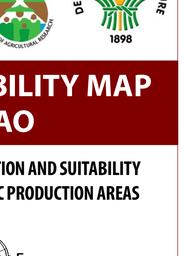
PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2924-III
2823-IV | 2823-I | 2923-IV
2823-III | 2823-II

INDEX MAP



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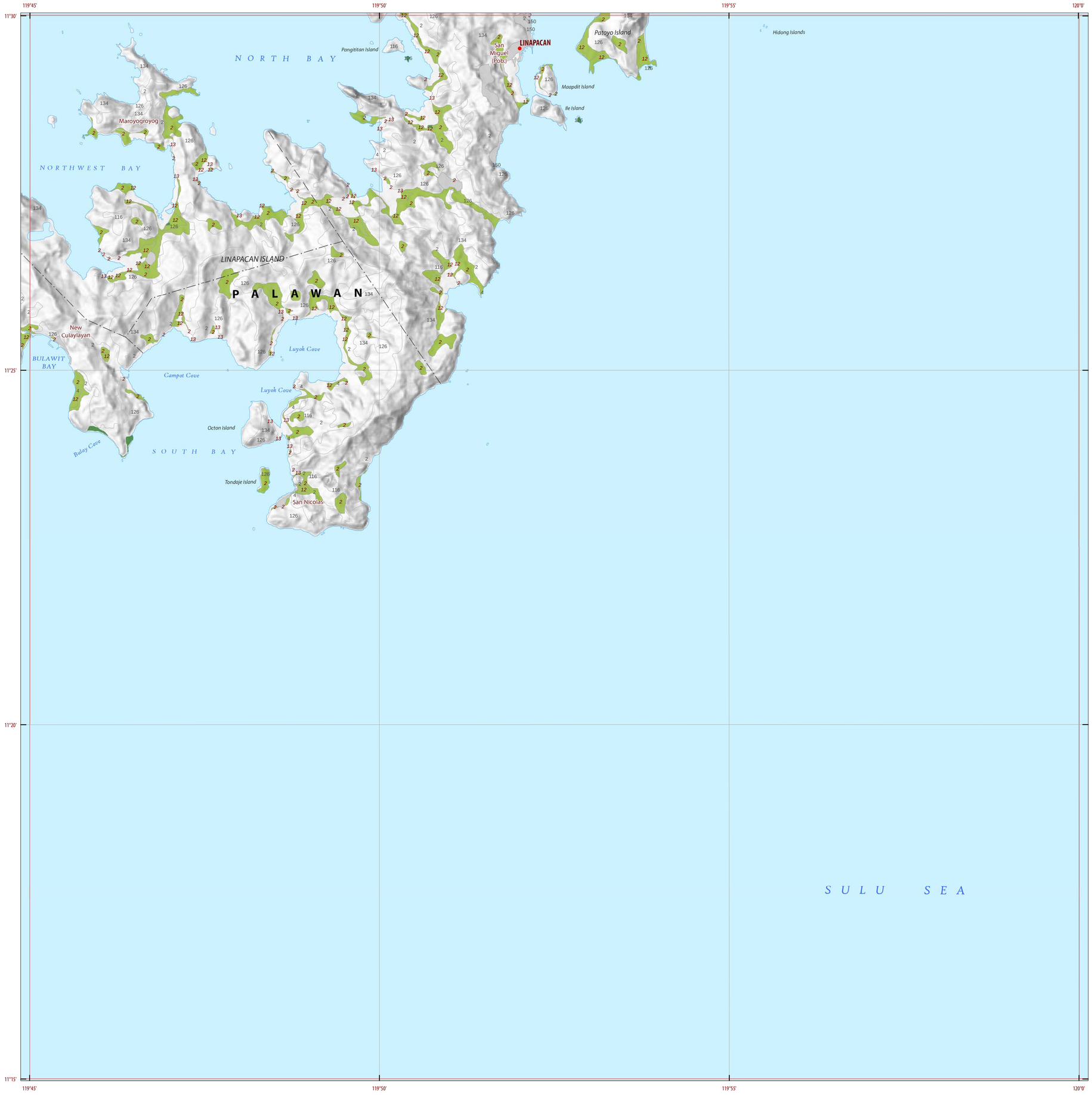

LAND SUITABILITY MAP CACAO

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
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OTHER SIGNS

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

CONVENTIONAL SIGNS

ROADS
- Expressway
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HYDROLOGY
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LAND USE
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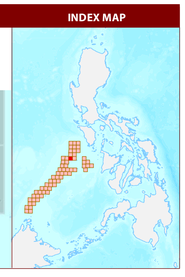
2923-IV

2924-III | 2924-II
2823-I | **2923-IV** | 2923-I
2823-II

INDEX MAP



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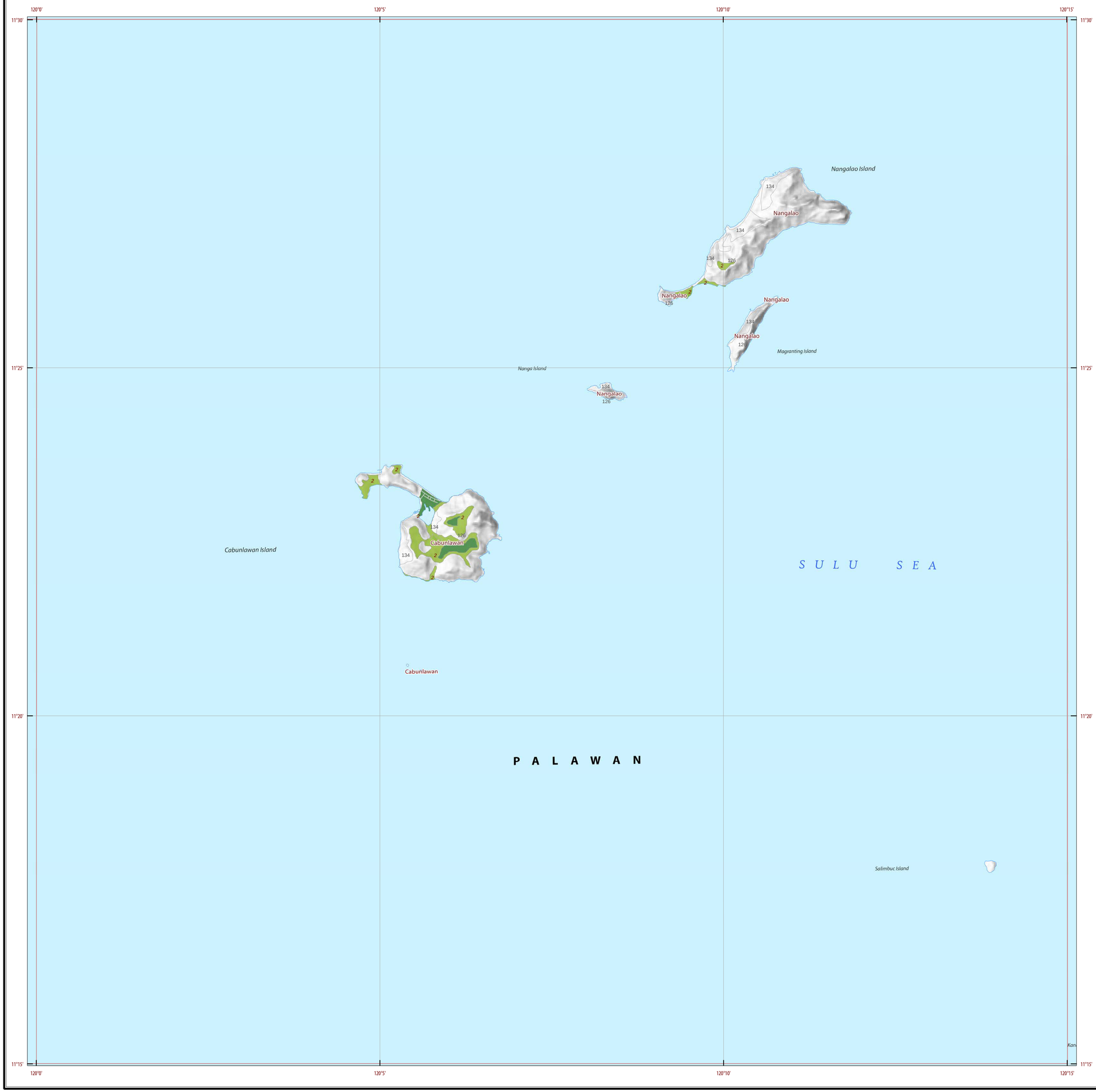

LAND SUITABILITY MAP CACAO

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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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OTHER SIGNS

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Cacao
1 Land limitation
118 Land use

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Tertiary

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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

2923-I
2924-III
2924-II
2923-IV
2923-I
2823-II

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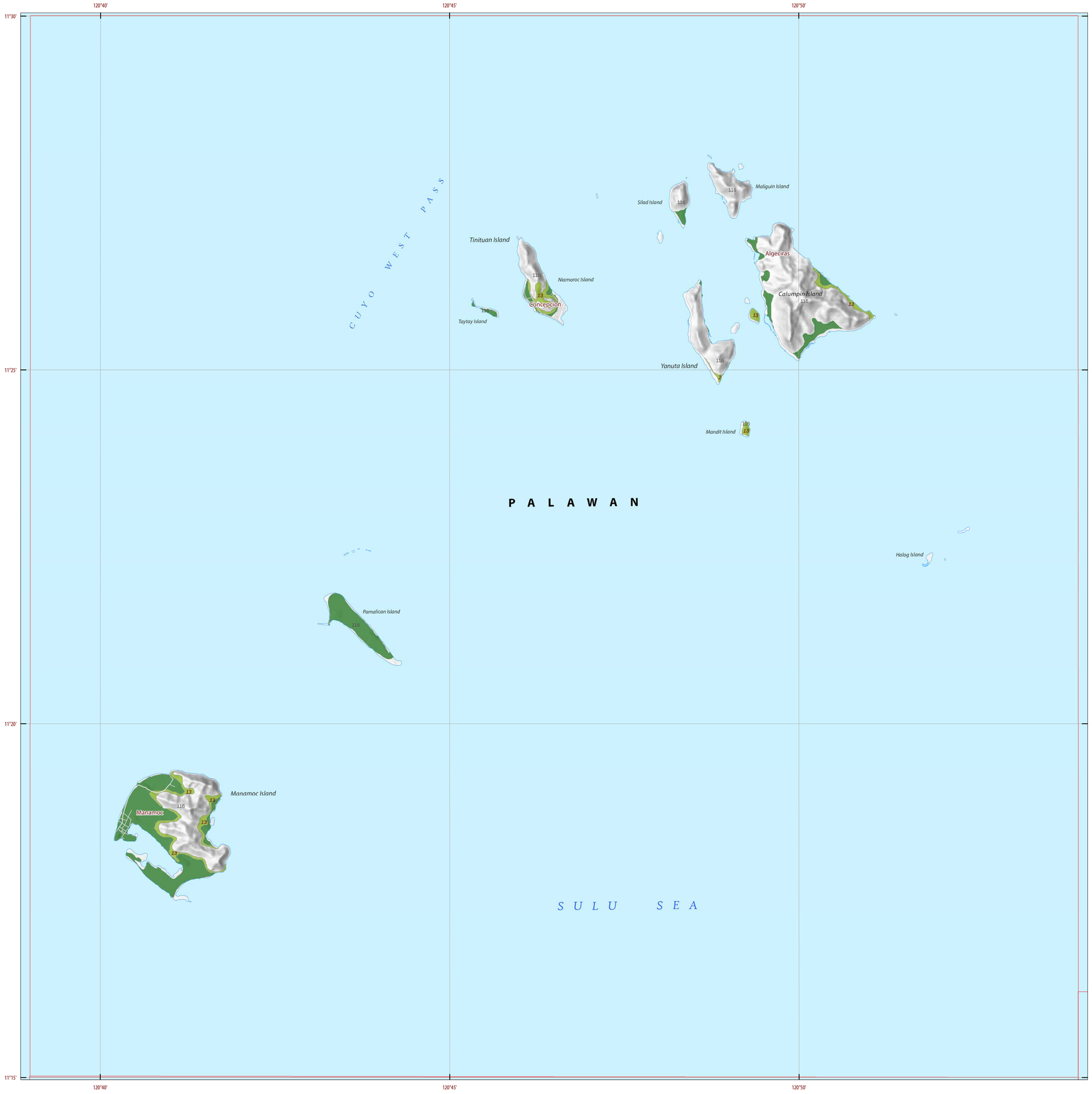

LAND SUITABILITY MAP CACAO

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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

3123-IV

3123-IV
3123-III
3123-II

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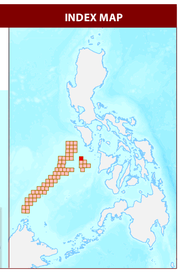

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N W E S

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0 0.5 1 2 3 4 5
Kilometers
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2822-IV 2822-I

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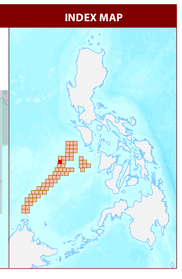

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N W E S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers
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Miles

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LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2823-II

2823-IV | 2823-I | 2923-IV
2823-III | 2823-II
2822-IV | 2822-I

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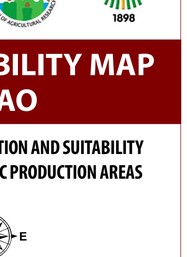

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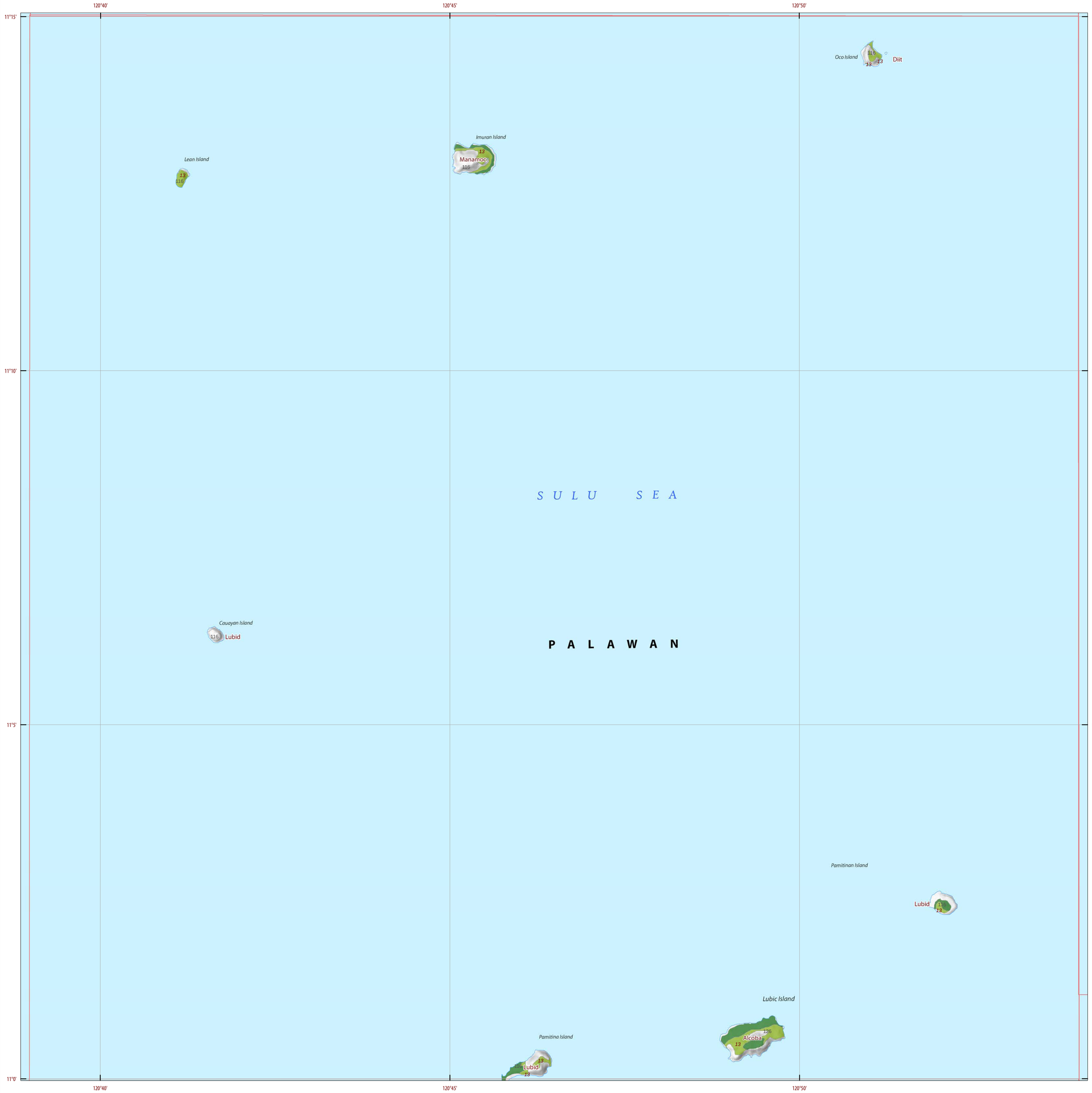

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3122-I

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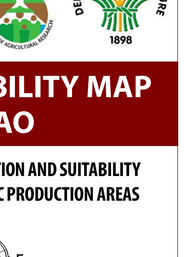

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BUREAU OF SOILS AND WATER MANAGEMENT
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LAND SUITABILITY MAP CACAO

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
118 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

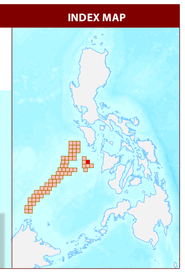
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3123-IV
3123-III
3123-II
3122-IV
3122-I
3222-IV

INDEX MAP



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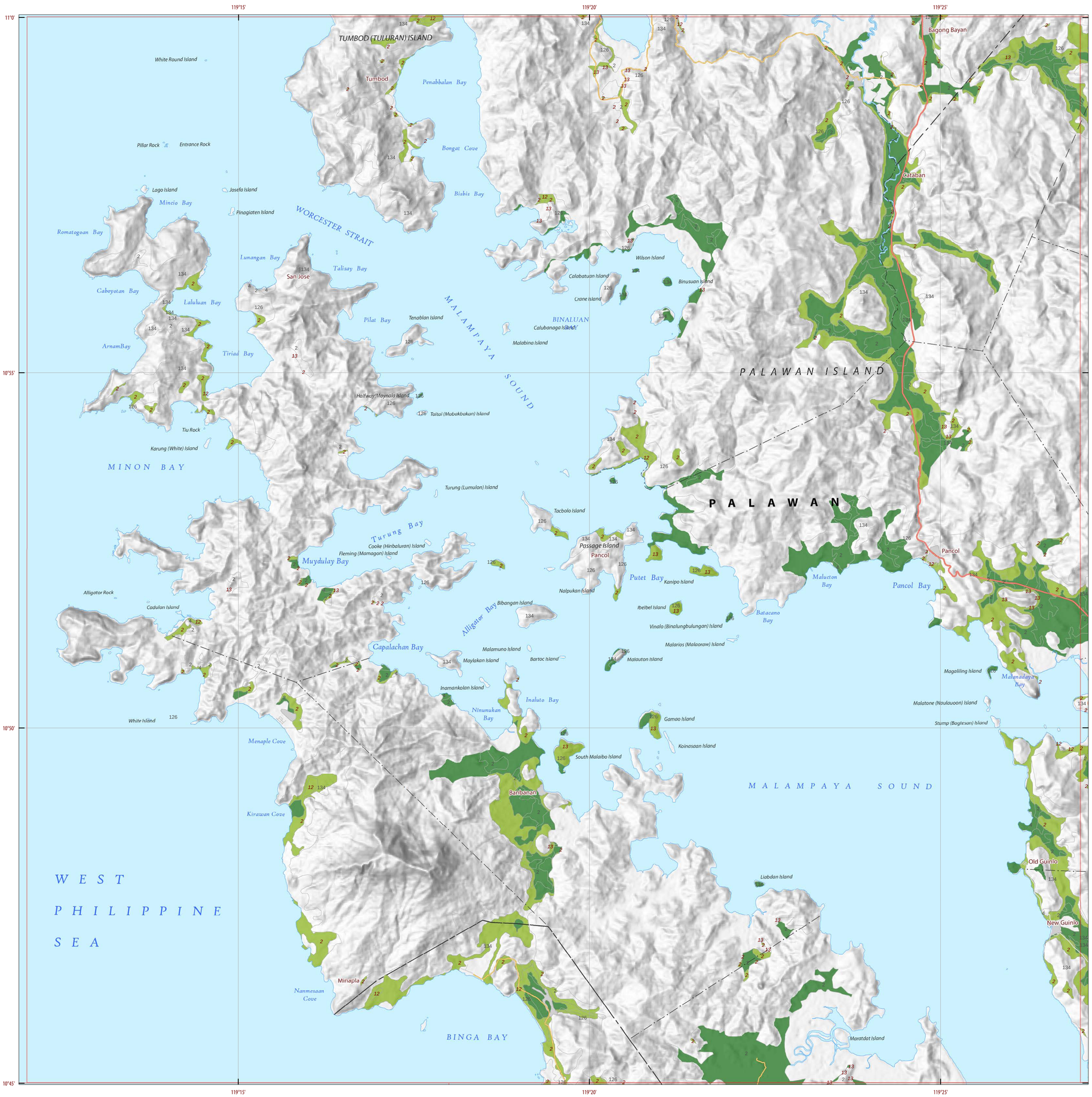

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OTHER SIGNS

- NGP Areas
- Cacao
- 1 / 134 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

2822-IV

2823-III 2823-II
2822-IV 2822-I
2722-II 2822-III 2822-II

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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

2822-I
2823-III 2823-II
2822-IV 2822-I
2722-II 2822-III 2822-II 2922-III

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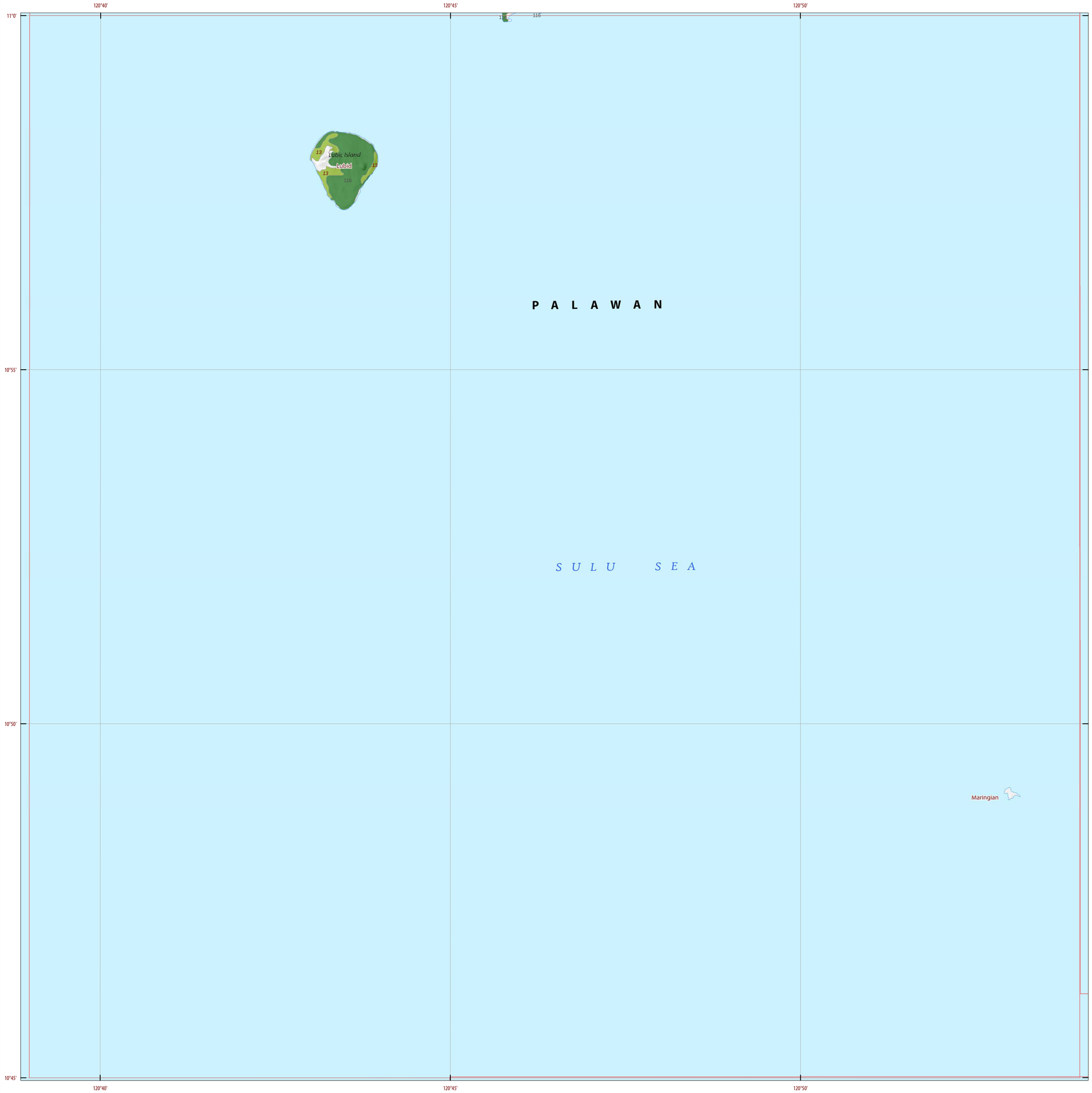

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N W E S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

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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

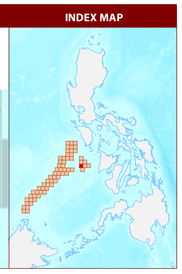
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3122-IV
3123-III
3123-II
3122-IV
3122-I
3122-III

INDEX MAP



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0 0.5 1 2 3 4 5
Kilometers

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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

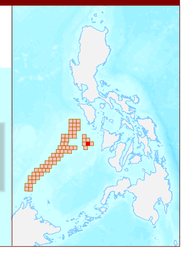
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3122-I

3123-III | 3123-II
3122-IV | 3122-I | 3222-IV
3122-III

INDEX MAP



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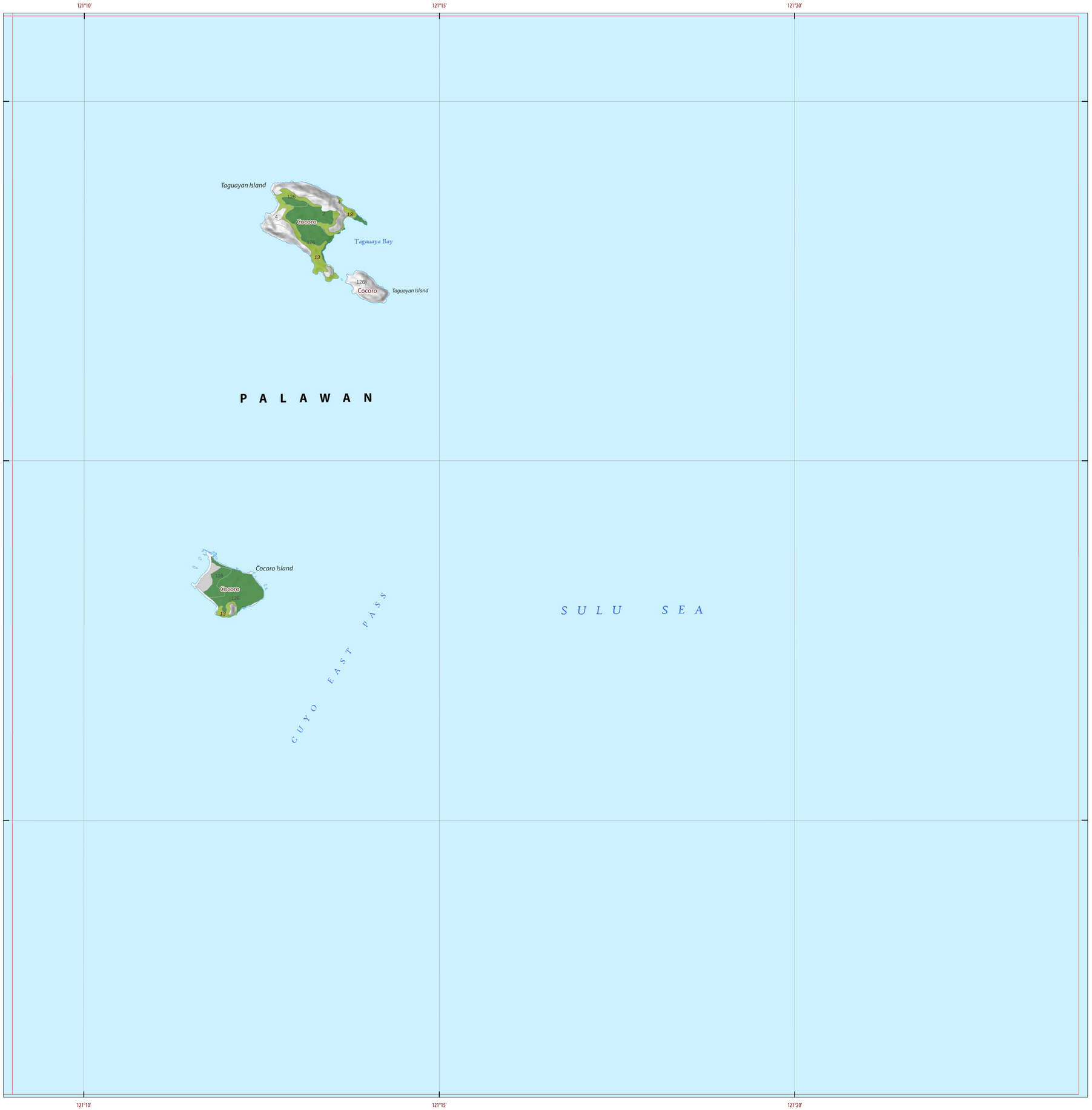

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OTHER SIGNS

NGP Areas
Cacao
1 Land limitation
116 Land use

CONVENTIONAL SIGNS

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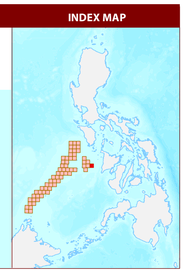

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2722-II
2822-IV 2822-I
2722-II 2822-III
2721-I 2821-IV 2821-I

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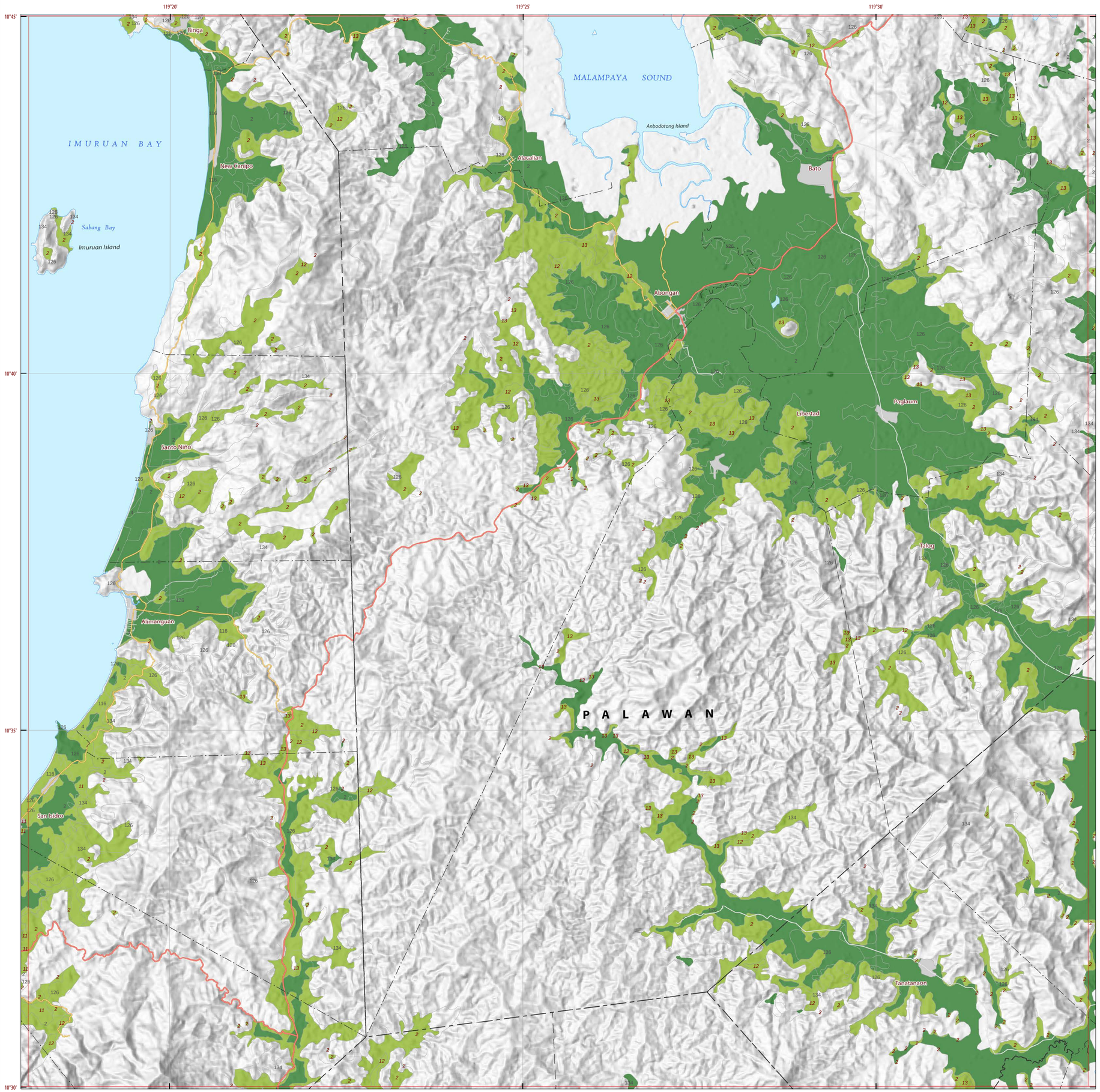

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Mangrove

ADJOINING SHEETS

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2722-II 2822-III 2822-II
2721-I 2821-IV 2821-I 2921-IV

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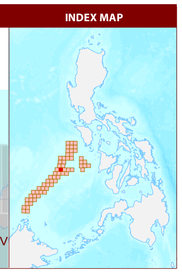

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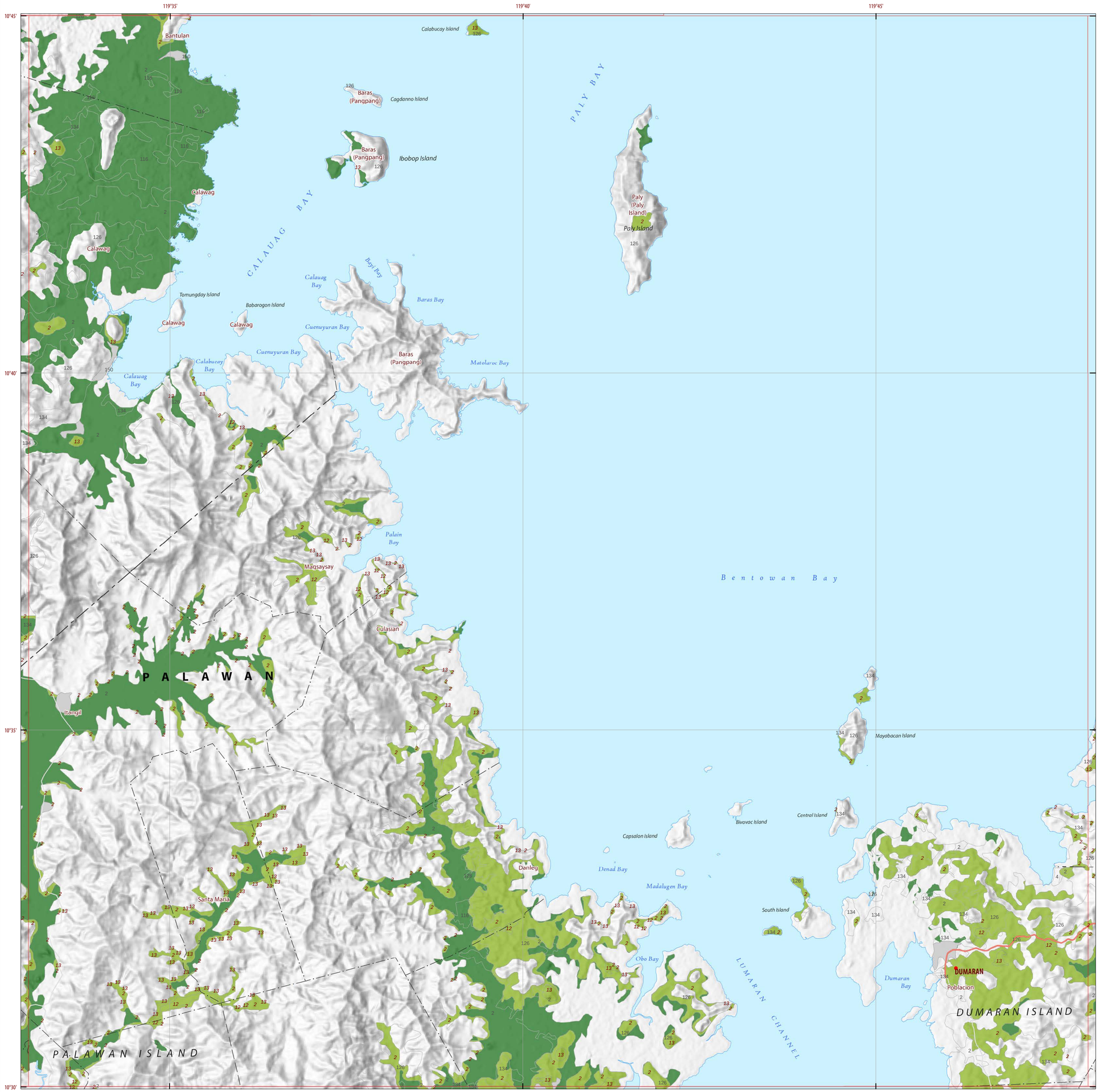

LAND SUITABILITY MAP CACAO

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.
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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

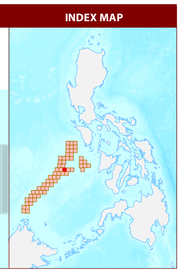
PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2822-IV | 2822-I
2822-III | **2822-II** | 2922-III
2821-IV | 2821-I | 2921-IV

INDEX MAP



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- 1 — Land limitation
- 116 — Land use

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2922-III
2822-I
2822-II
2922-III
2922-II
2821-I
2921-IV

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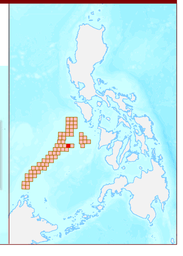

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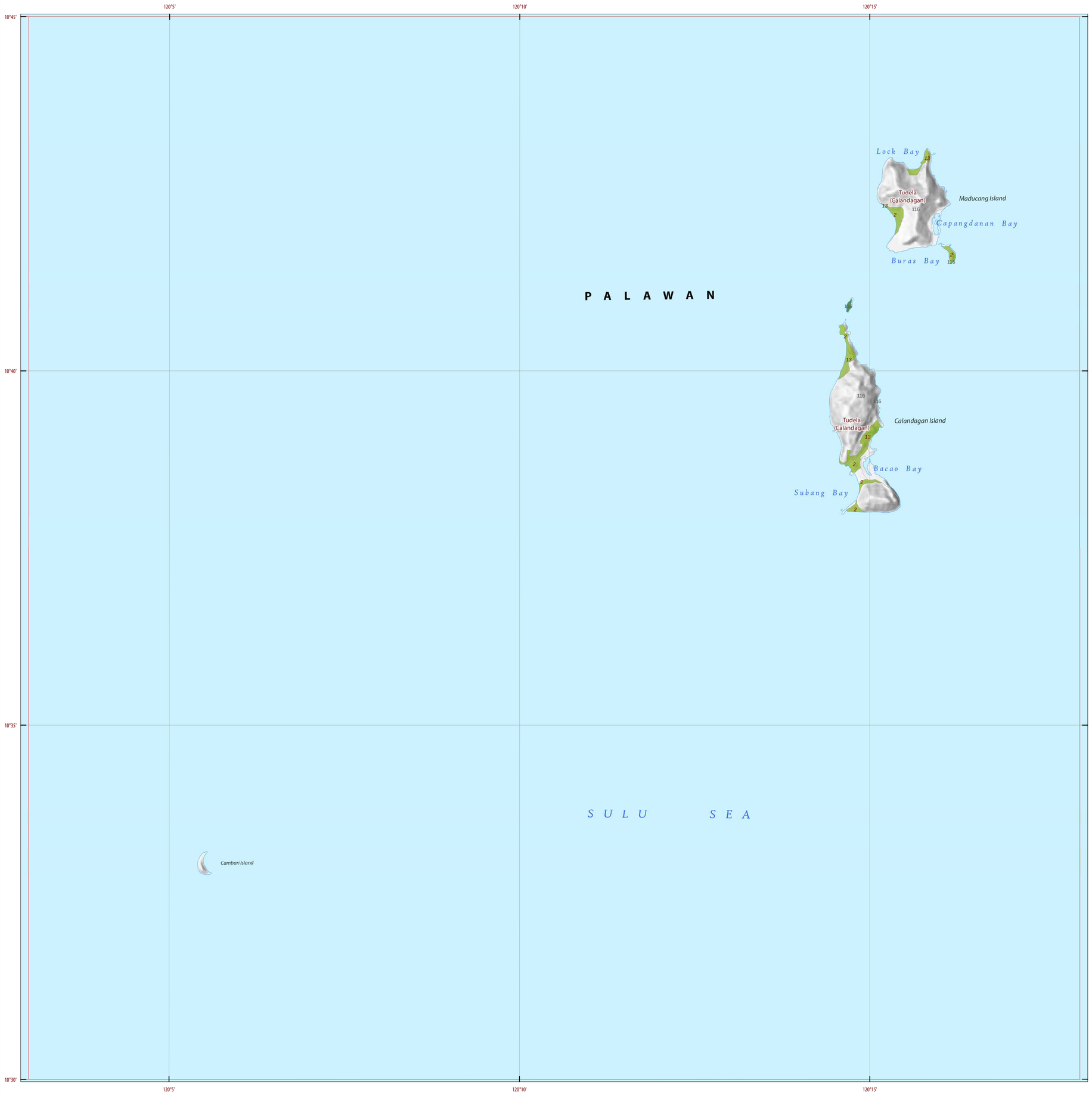

LAND SUITABILITY MAP CACAO

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

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PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
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- Mangrove

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2922-II
2922-III
2922-II
2921-IV

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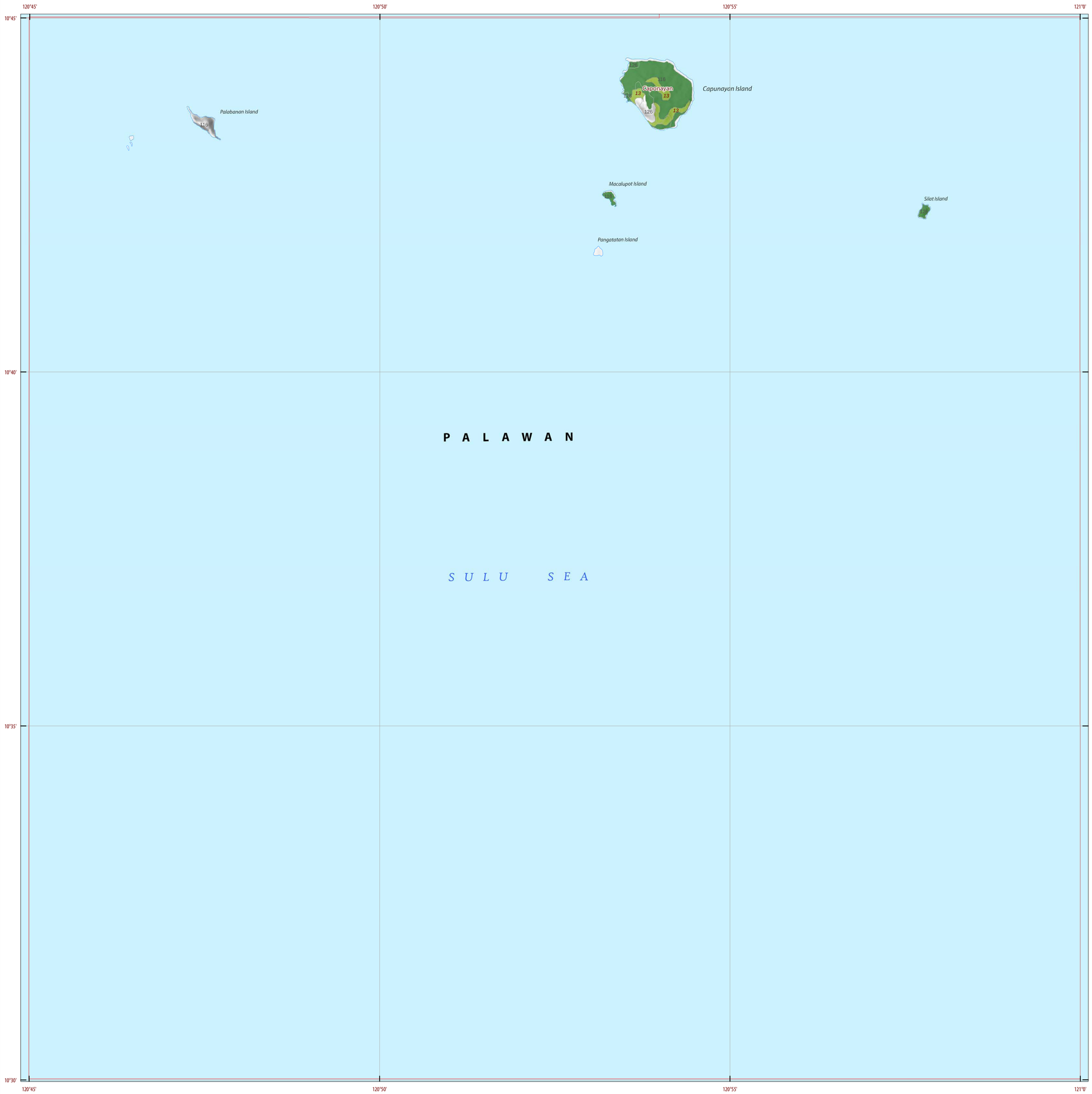

LAND SUITABILITY MAP
CACAO

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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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

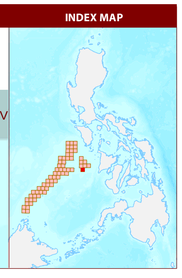
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3122-III
3122-IV
3122-I
3222-IV
3122-III

INDEX MAP



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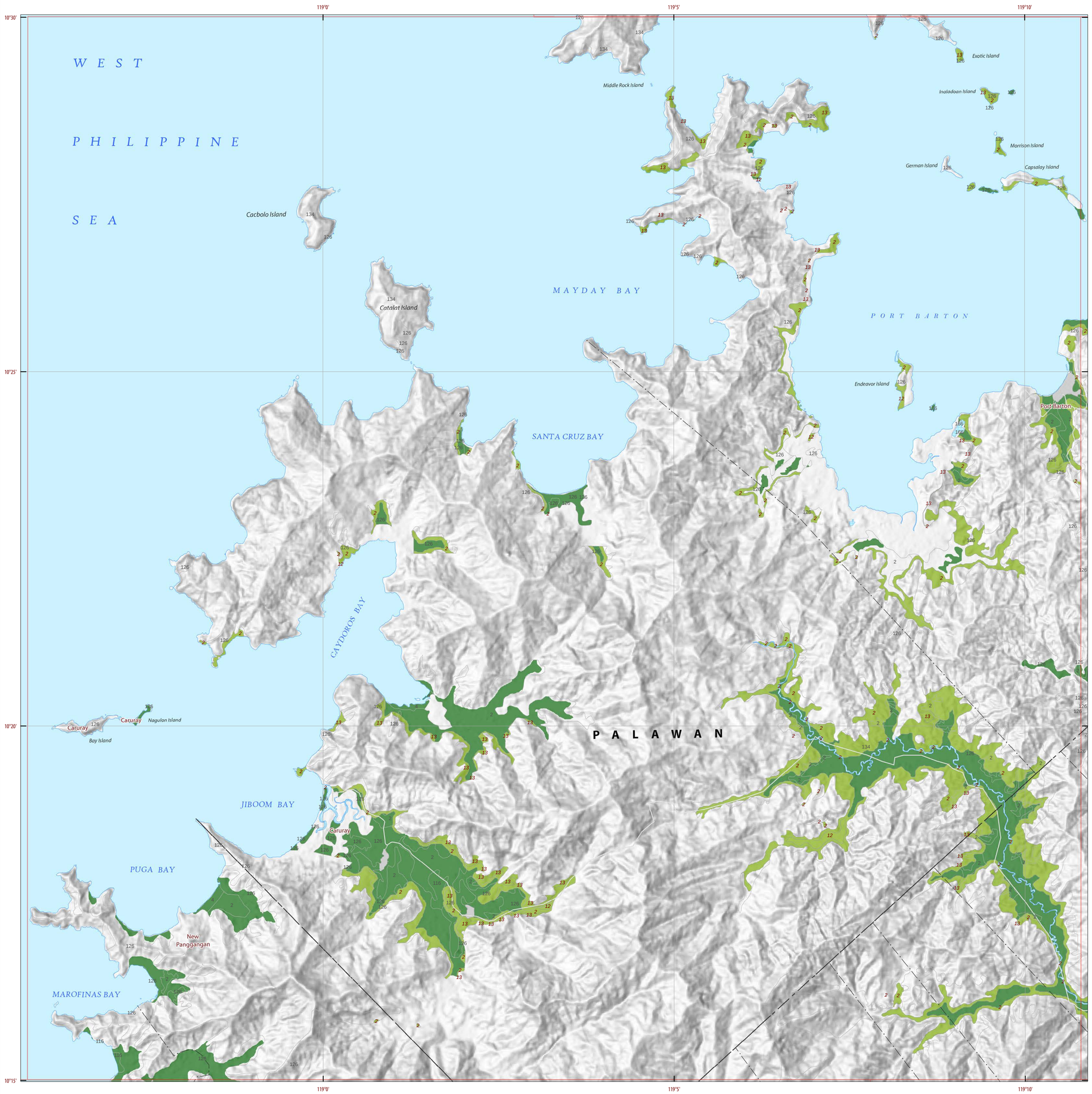

LAND SUITABILITY MAP CACAO

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
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BOUNDARY
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PLACES
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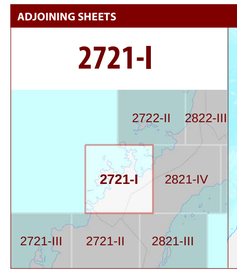

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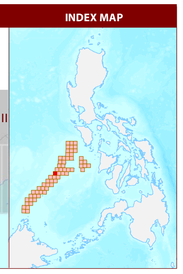

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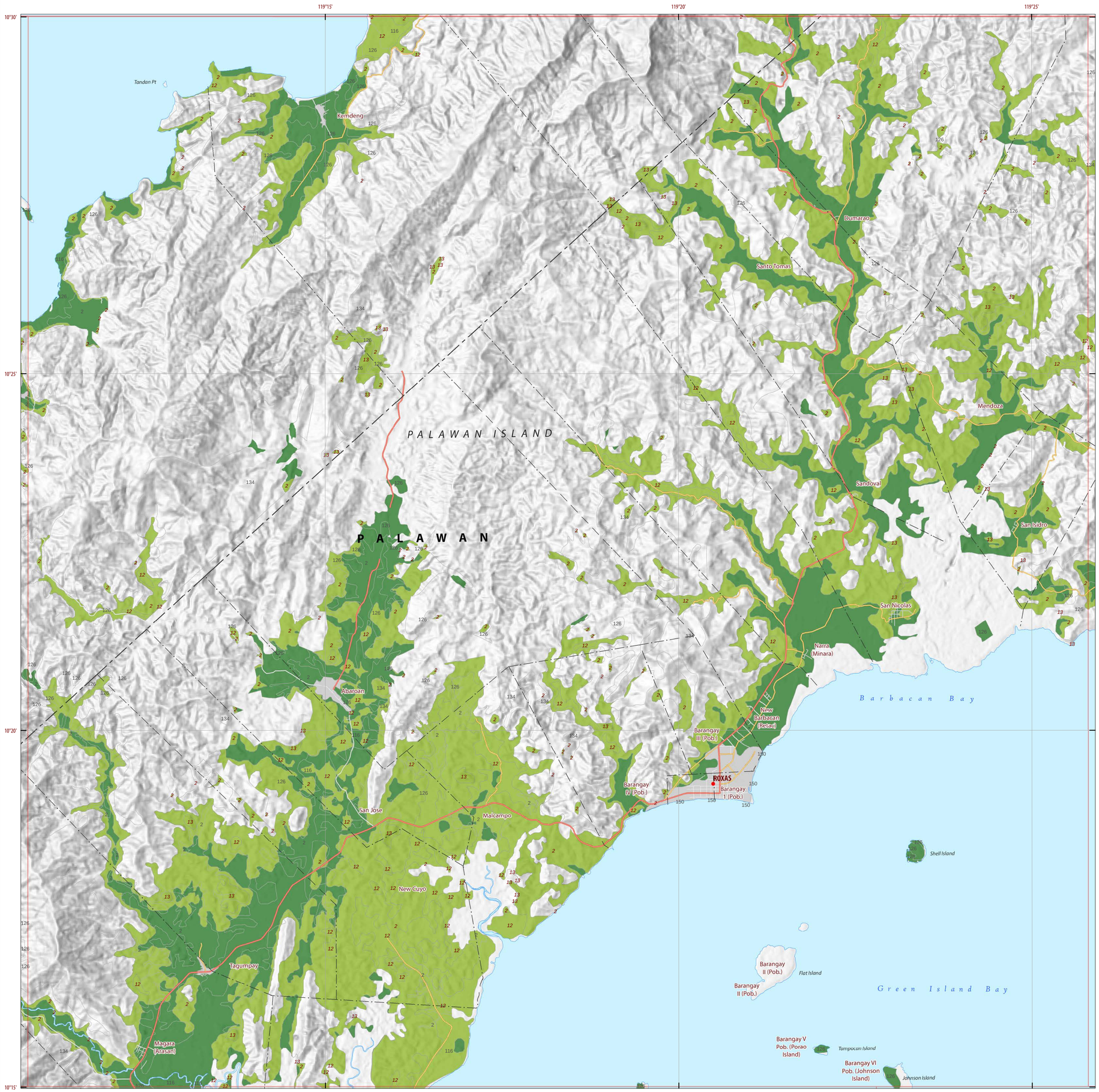

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2821-IV

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2721-II | 2821-III

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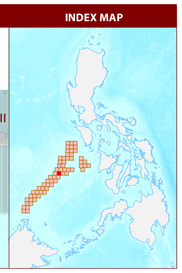

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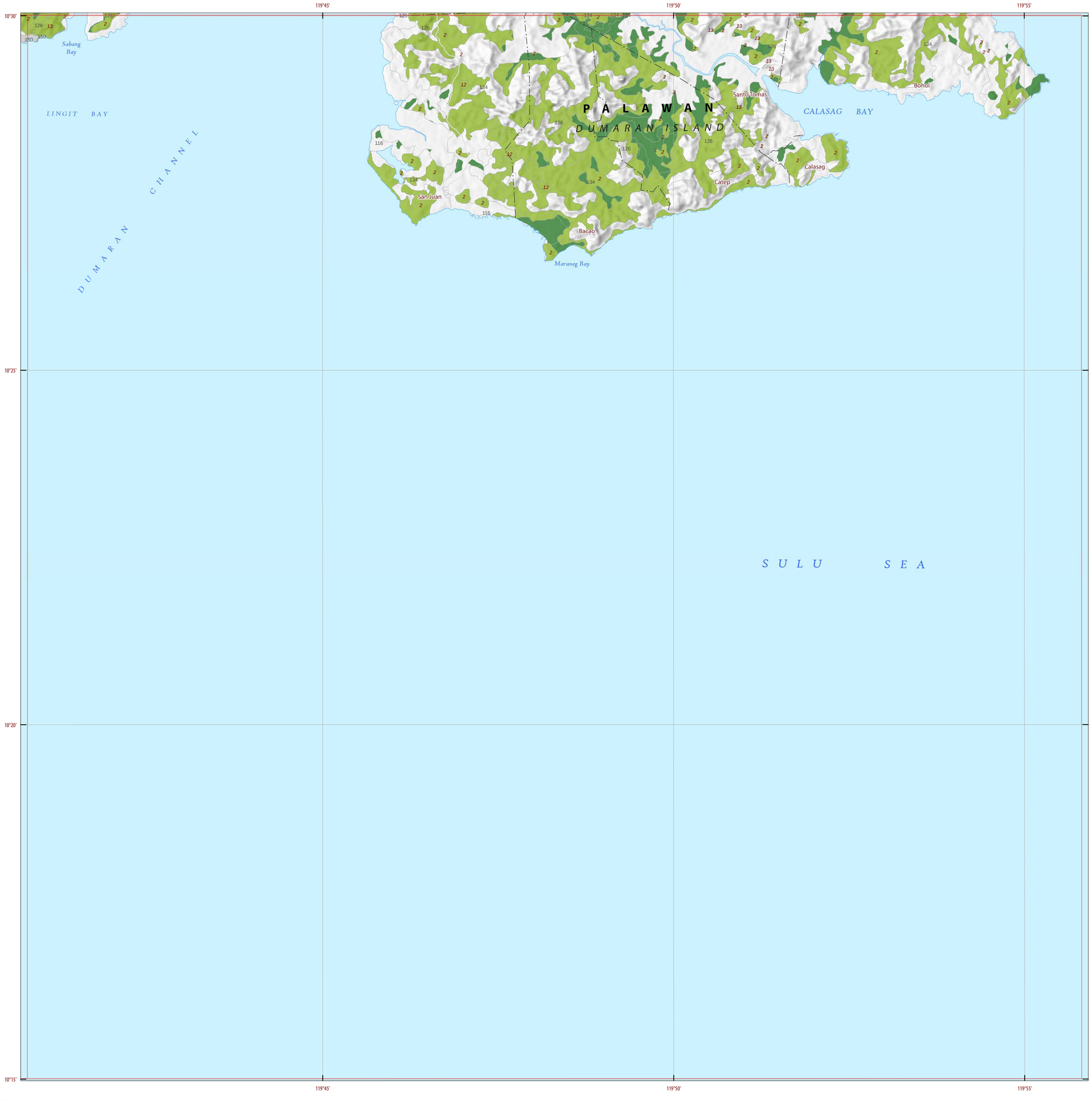

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SUITABILITY CLASSES

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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
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

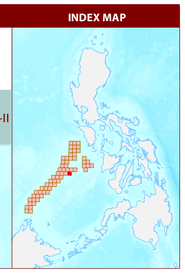
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

2921-IV
2822-III 2822-II 2922-III 2922-II
2821-I 2921-IV

INDEX MAP



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LAND SUITABILITY MAP CACAO

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.

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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

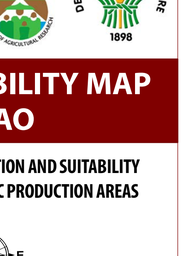
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2721-III

2721-I | 2721-III | 2721-II
2720-IV | 2720-I | 2820-IV

INDEX MAP



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LAND SUITABILITY MAP CACAO

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
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OTHER SIGNS

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- 116 Land use

CONVENTIONAL SIGNS

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- Trunk line
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- Province
- District
- Municipality
- Barangay

HYDROLOGY
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- Lakes / Rivers

PLACES
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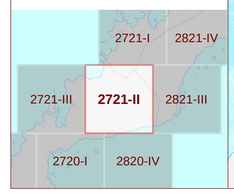
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS



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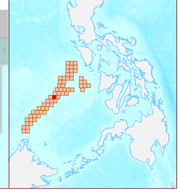

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N W E S

SCALE 1 : 50 000

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

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Cacao
1 / 116 Land limitation / Land use

CONVENTIONAL SIGNS

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Tertiary

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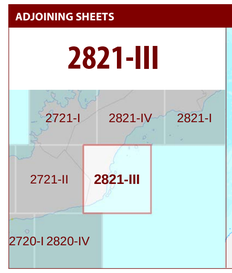
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS



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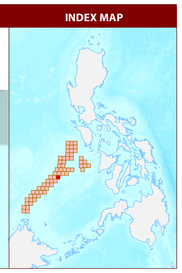

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N W E S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

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Cacao
Land limitation
Land use

CONVENTIONAL SIGNS

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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

2720-IV

2721-III
2720-IV
2720-I
2620-II
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2720-II

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LAND SUITABILITY MAP CACAO

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N W E S

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0 0.5 1 2 3 4 5
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CONVENTIONAL SIGNS

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Fishpond
Mangrove

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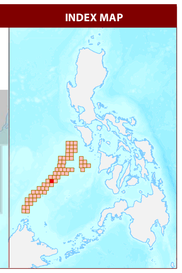
2720-I
2721-III | 2721-II
2720-IV | 2720-I | 2820-IV
2720-III | 2720-II

INDEX MAP



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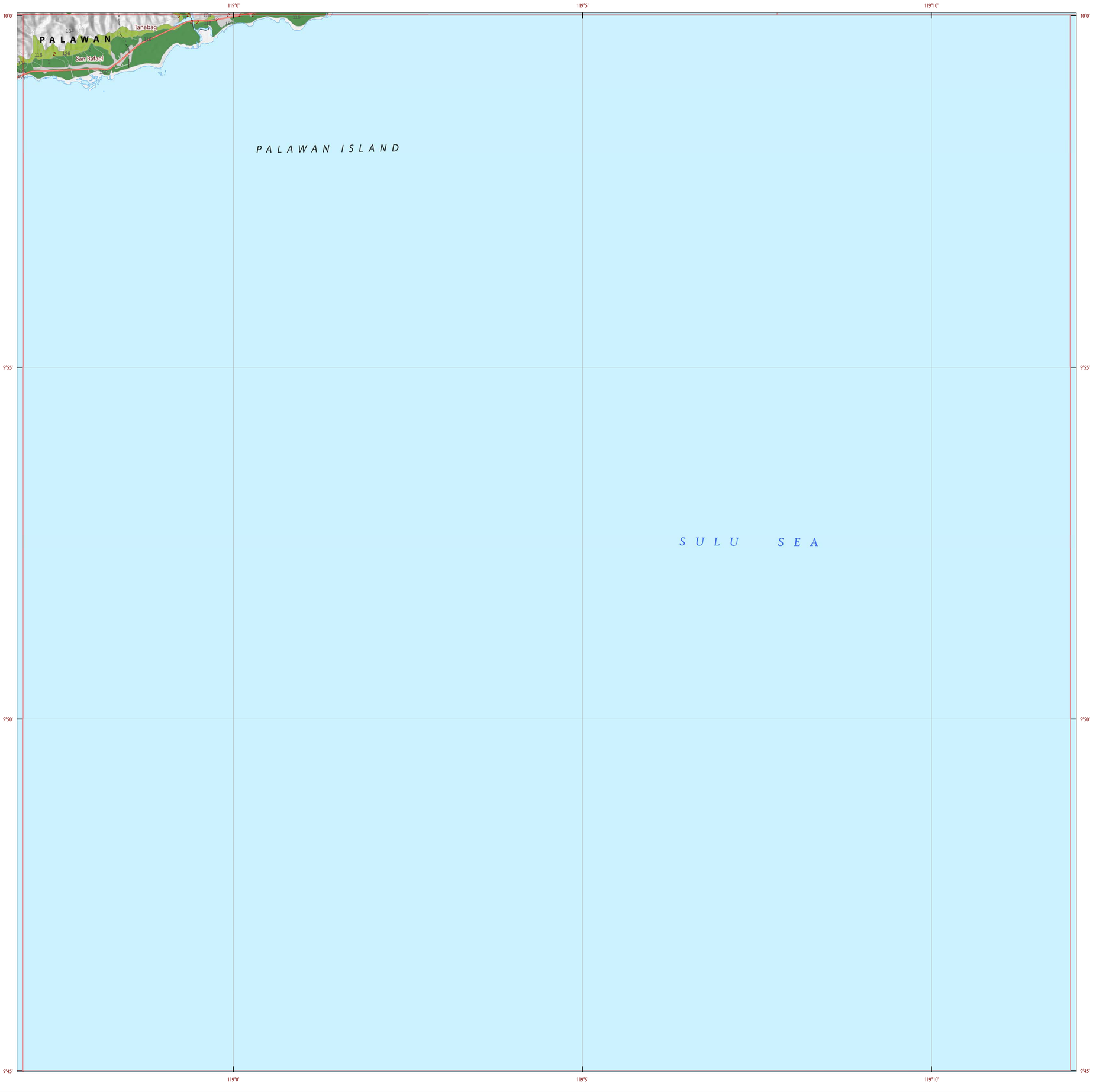

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ADJOINING SHEETS

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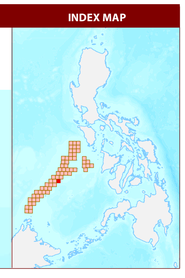

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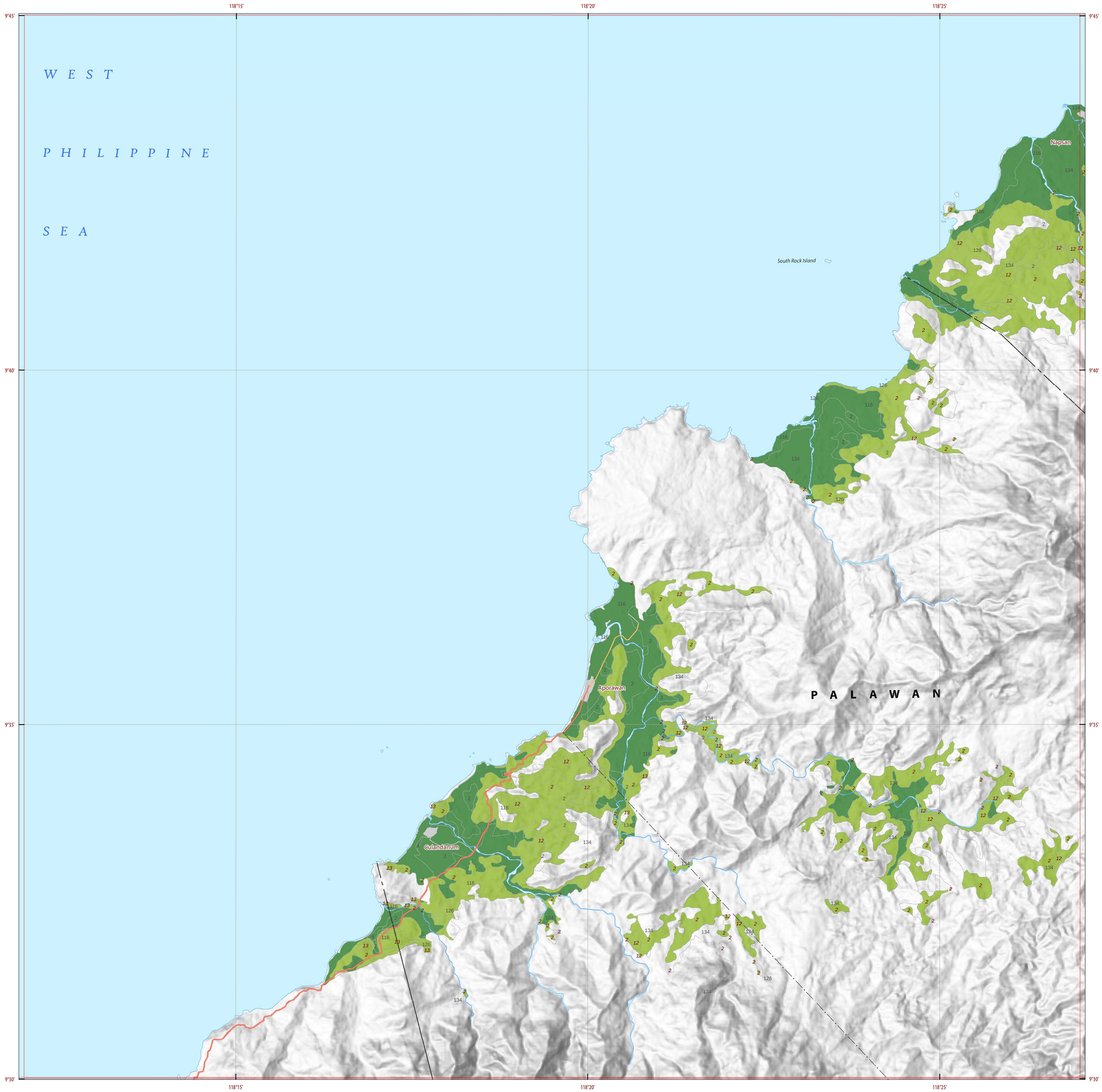

LAND SUITABILITY MAP CACAO

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2620-II
2720-III
2519-I
2619-IV
2619-I

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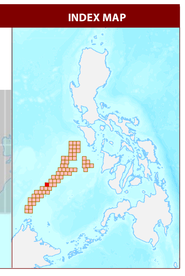

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LAND SUITABILITY MAP CACAO

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

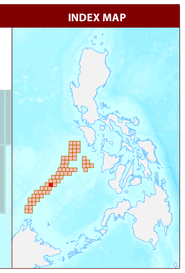
PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2720-III
2720-IV 2720-I
2620-II 2720-III 2720-II
2619-IV 2619-I

INDEX MAP



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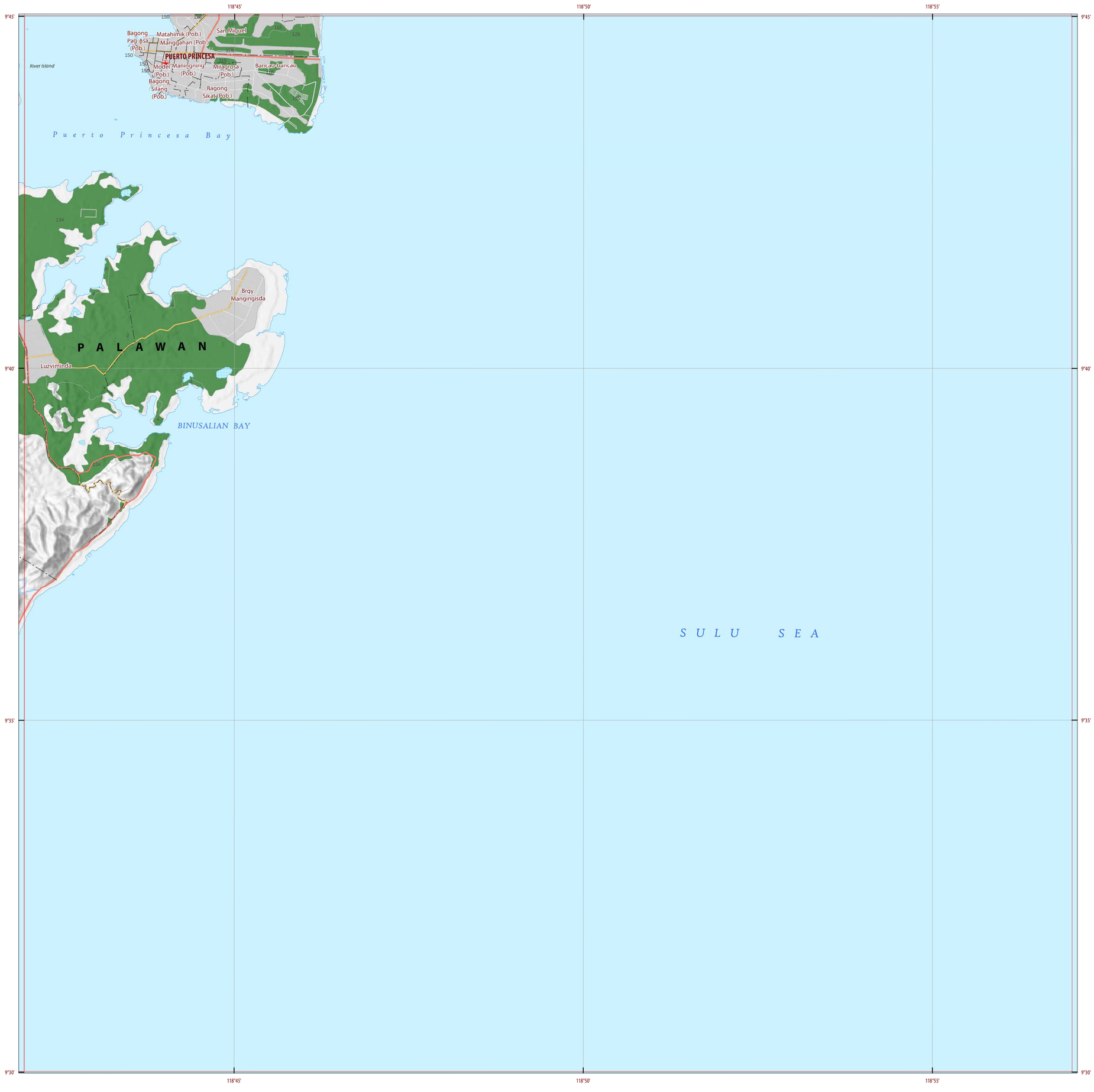

LAND SUITABILITY MAP CACAO

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
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LEGEND

SUITABILITY CLASSES

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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

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Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

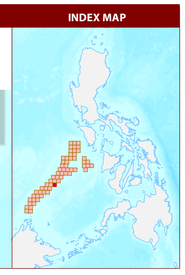
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

2720-II
2720-IV 2720-I 2820-IV
2720-III 2720-II
2619-I

INDEX MAP



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LAND SUITABILITY MAP CACAO

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

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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

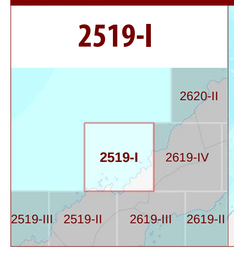
BOUNDARY
- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS



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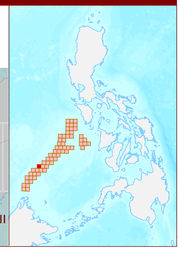

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LAND SUITABILITY MAP CACAO

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
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LEGEND

SUITABILITY CLASSES

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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

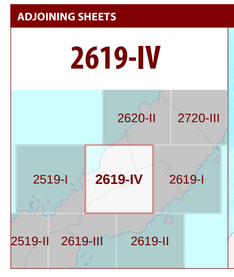
BOUNDARY
- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS



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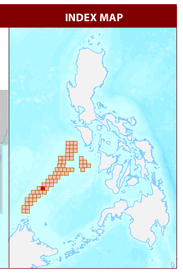

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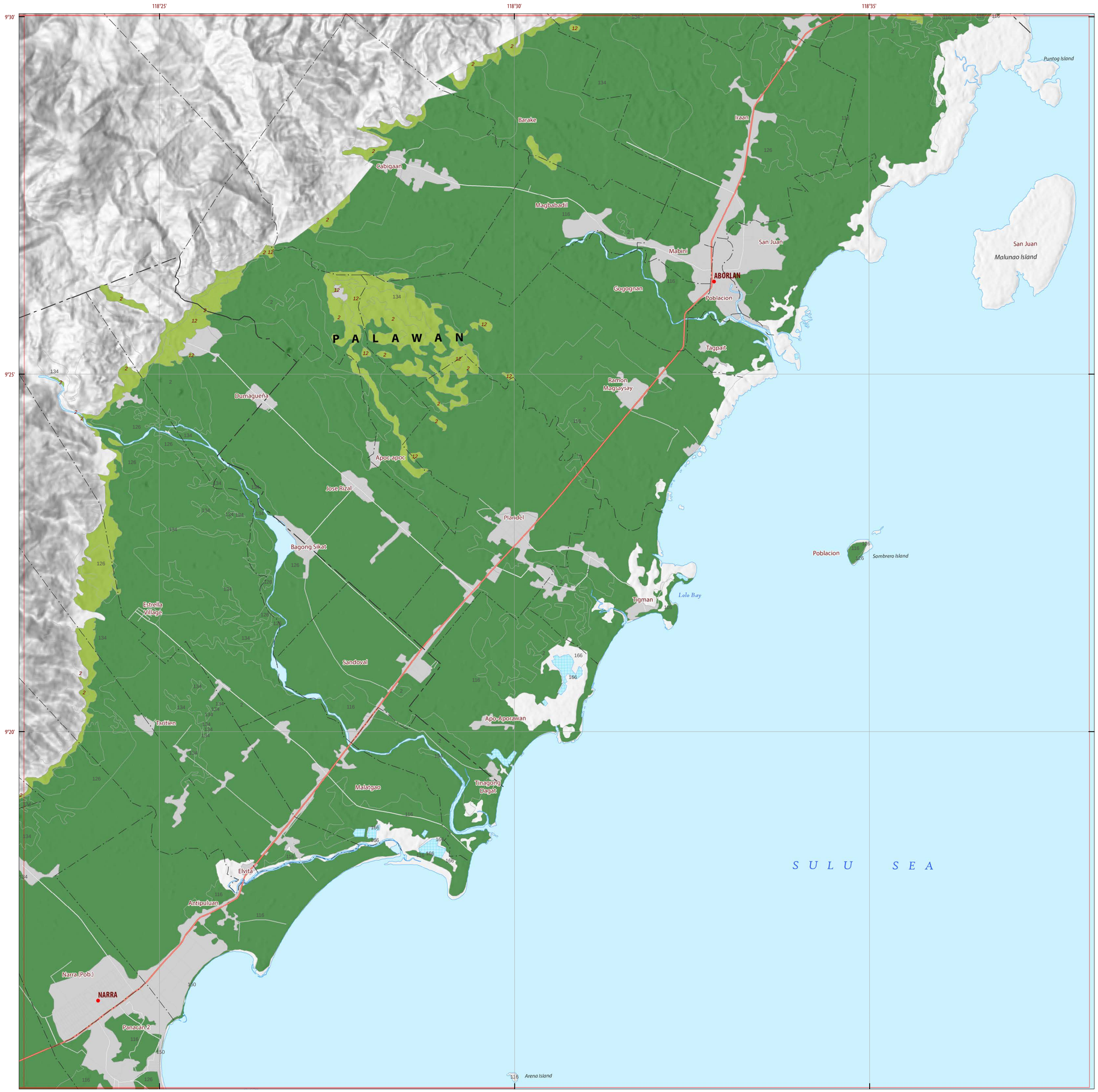

LAND SUITABILITY MAP CACAO

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
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LEGEND

SUITABILITY CLASSES

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OTHER SIGNS

- NGP Areas
- Cacao
- Land limitation (1)
- Land use (118)

CONVENTIONAL SIGNS

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

BOUNDARY
- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

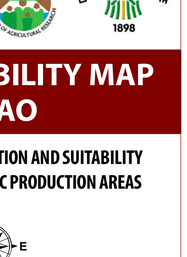
PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2619-I
2620-II | 2720-III | 2720-II
2619-IV | 2619-I
2619-III | 2619-II

INDEX MAP



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LAND SUITABILITY MAP CACAO

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
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LEGEND

SUITABILITY CLASSES

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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

2519-III
2519-I
2519-III
2519-II
2418-I
2518-IV
2518-I

INDEX MAP

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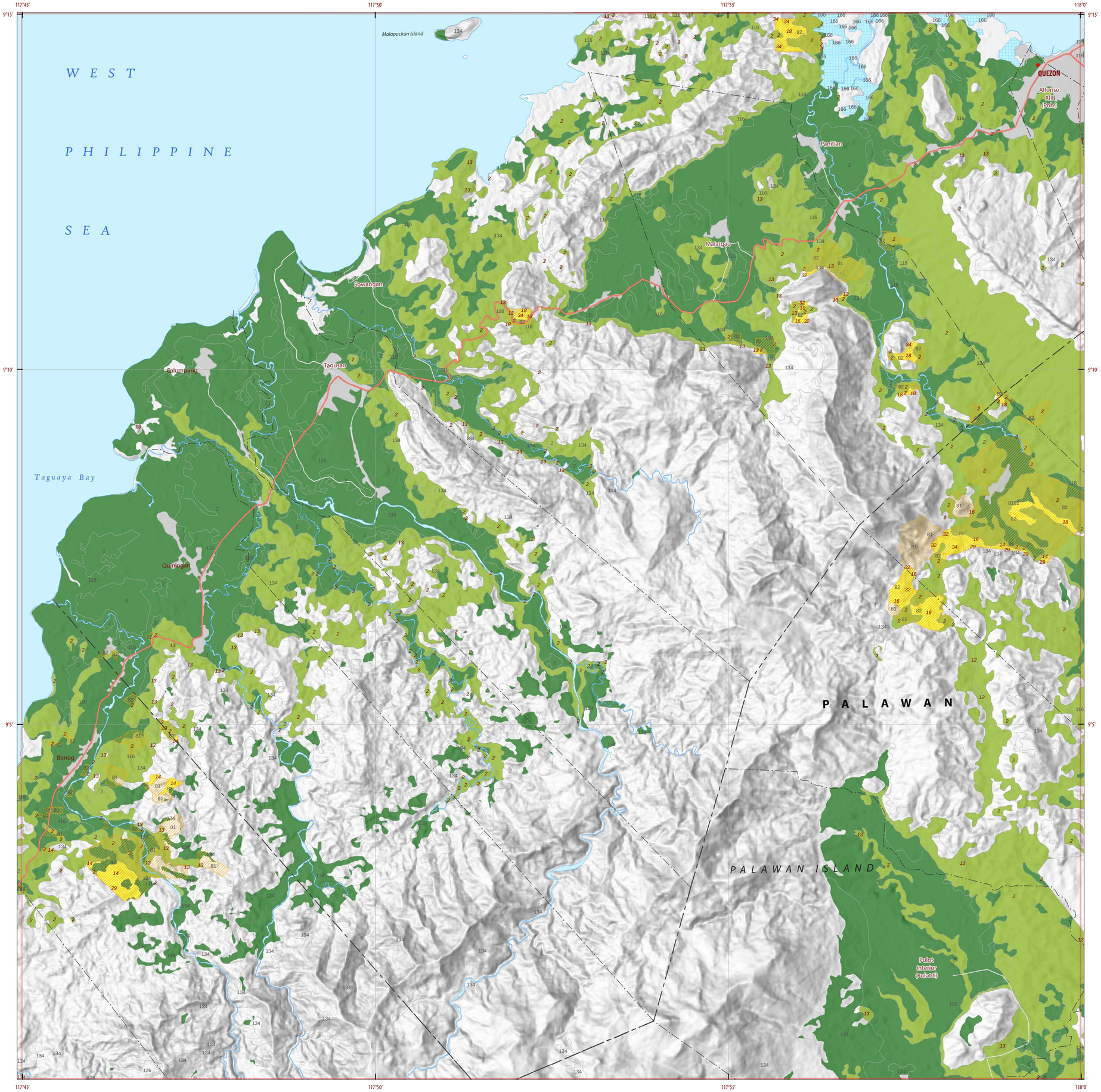

LAND SUITABILITY MAP CACAO

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

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LEGEND

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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

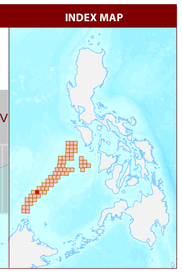
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2519-II

2519-I 2619-IV 2519-III 2519-II 2619-III 2418-I 2518-IV 2518-I

INDEX MAP



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Tel/Fax No.: (+632) 332-9534 E-mail : *bswmclientcenter@yahoo.com*

LAND SUITABILITY MAP CACAO

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.

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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

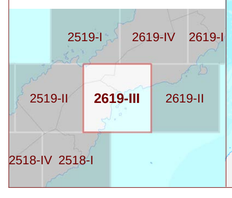
BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

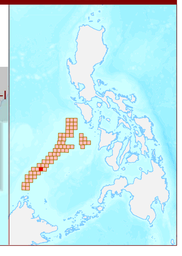
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS



INDEX MAP



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N W E S

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Kilometers
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Miles

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OTHER SIGNS

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Cacao
1 Land limitation
116 Land use

CONVENTIONAL SIGNS

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Trunk line
Primary
Secondary
Tertiary

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Province
District
Municipality
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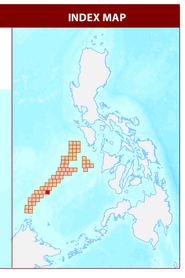
LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

2619-II
2519-I 2619-IV 2619-I
2619-III 2619-II
2518-I

INDEX MAP



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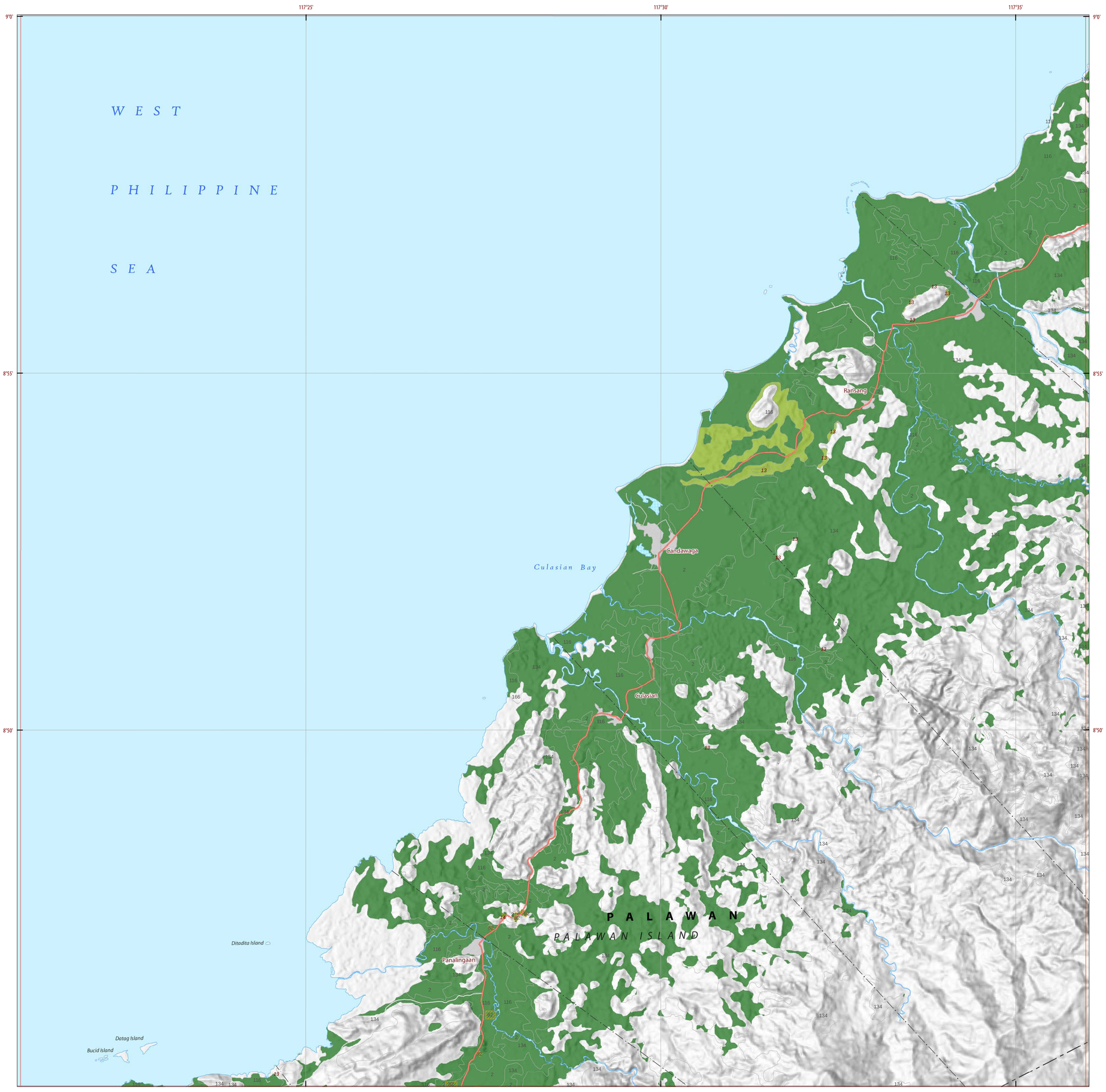

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LAND USE
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Fishpond
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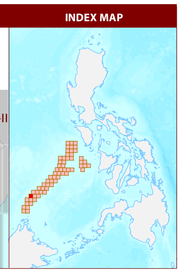
2418-I
2519-III 2519-II
2418-I 2518-IV
2418-III 2418-II 2518-III

INDEX MAP



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BSWM, 2018. *Land Suitability Map Series for Cacao of the PROVINCE OF PALAWAN (50,000 Scale)* . CC BY NC SA 4.0.

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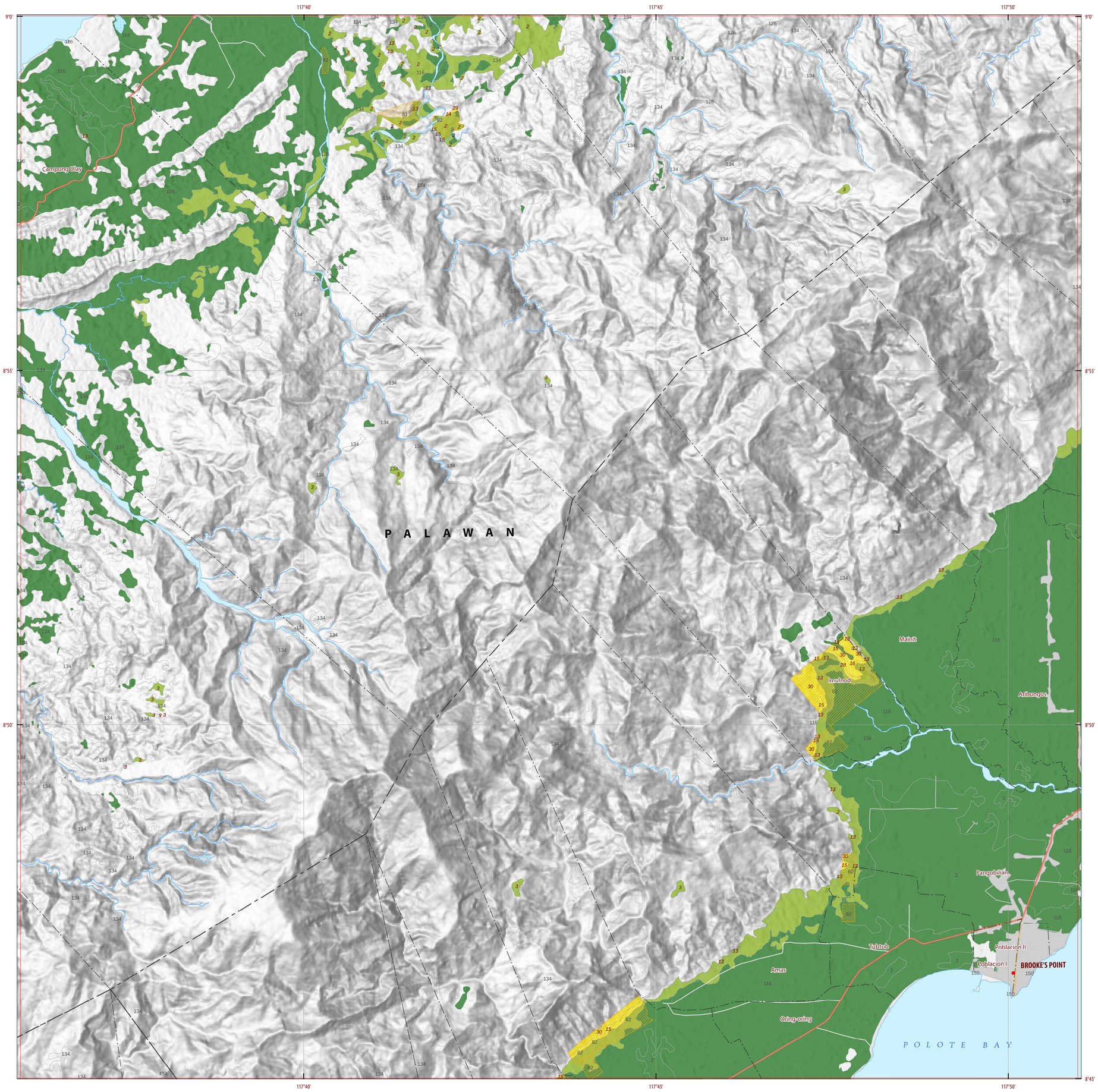

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Cacao
1 Land limitation
118 Land use

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

2518-IV
2519-III 2519-II 2619-III
2418-I 2518-IV 2518-I
2418-II 2518-III

INDEX MAP

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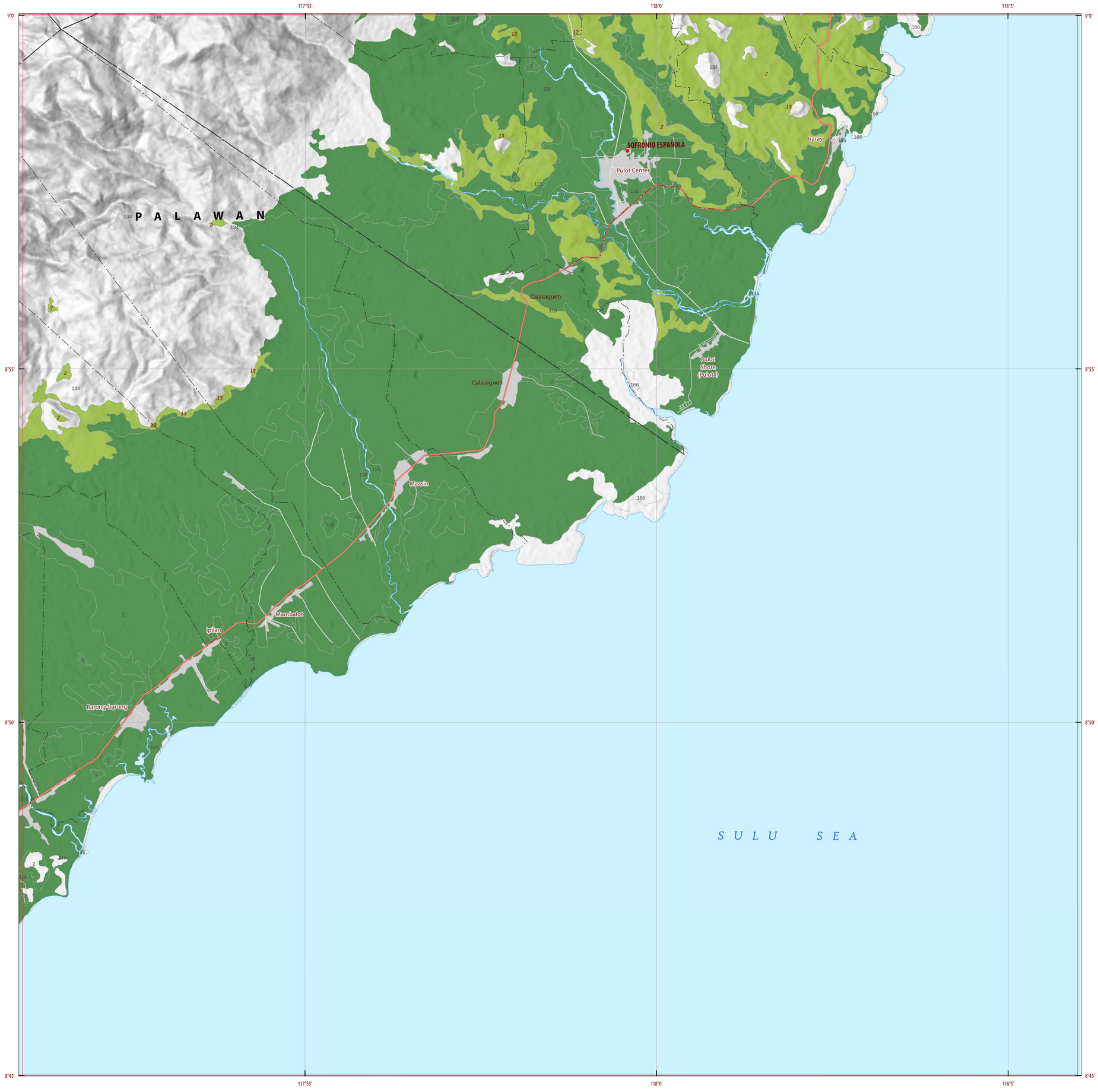

LAND SUITABILITY MAP CACAO

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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
116 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
District
Municipality
Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

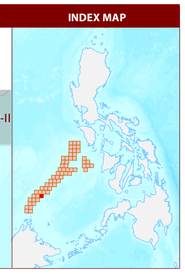
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

2518-I
2519-III 2519-II 2619-III 2619-II
2518-IV 2518-I
2518-III

INDEX MAP



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OTHER SIGNS

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1 Land limitation
118 Land use

CONVENTIONAL SIGNS

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ADJOINING SHEETS

2418-III
2418-I
2418-III
2418-II
2417-IV
2417-I

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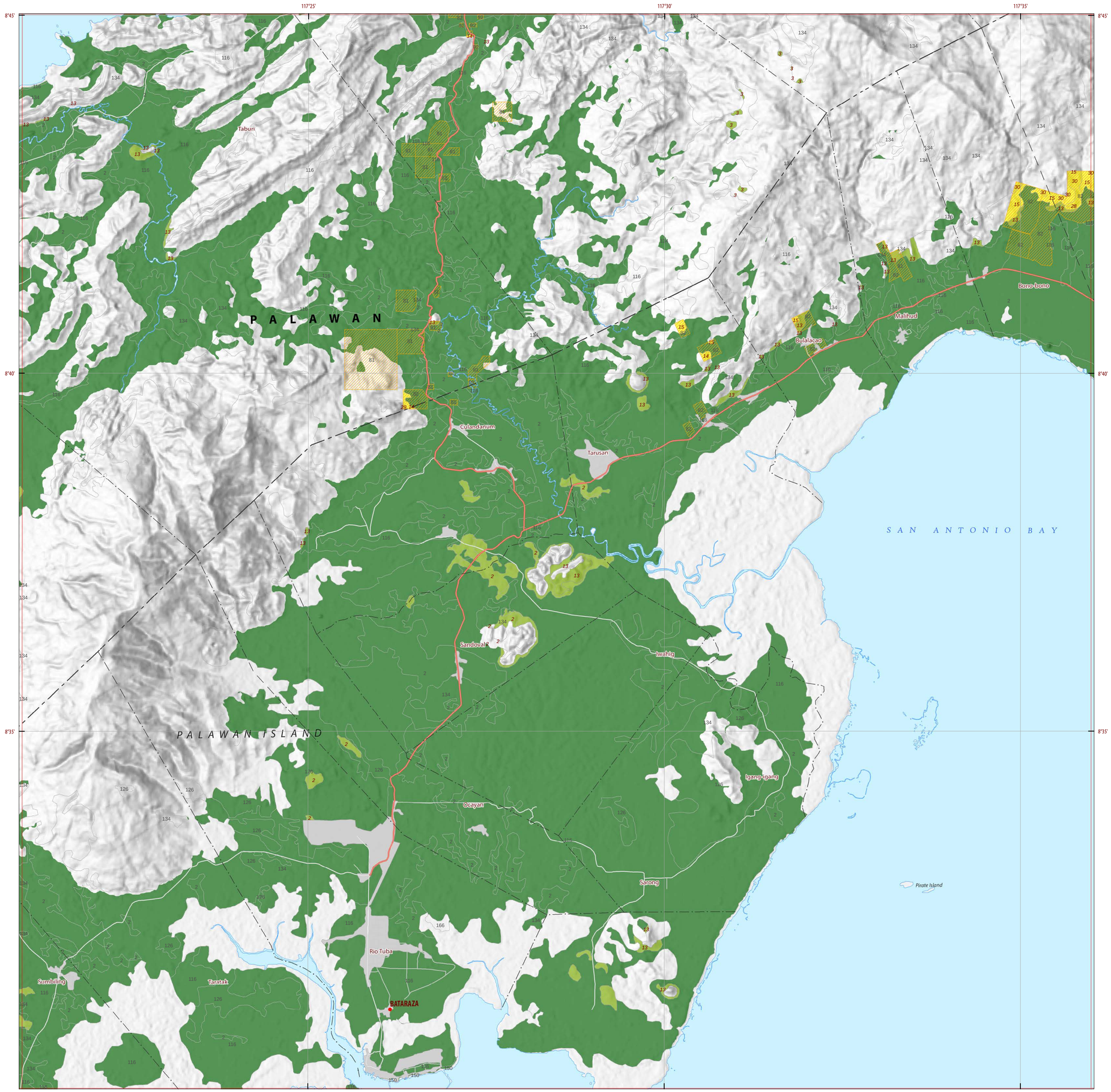

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CONVENTIONAL SIGNS

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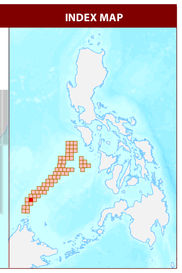
ADJOINING SHEETS

2418-II

2418-I | 2518-IV
2418-III | 2418-II | 2518-III
2417-IV | 2417-I

INDEX MAP



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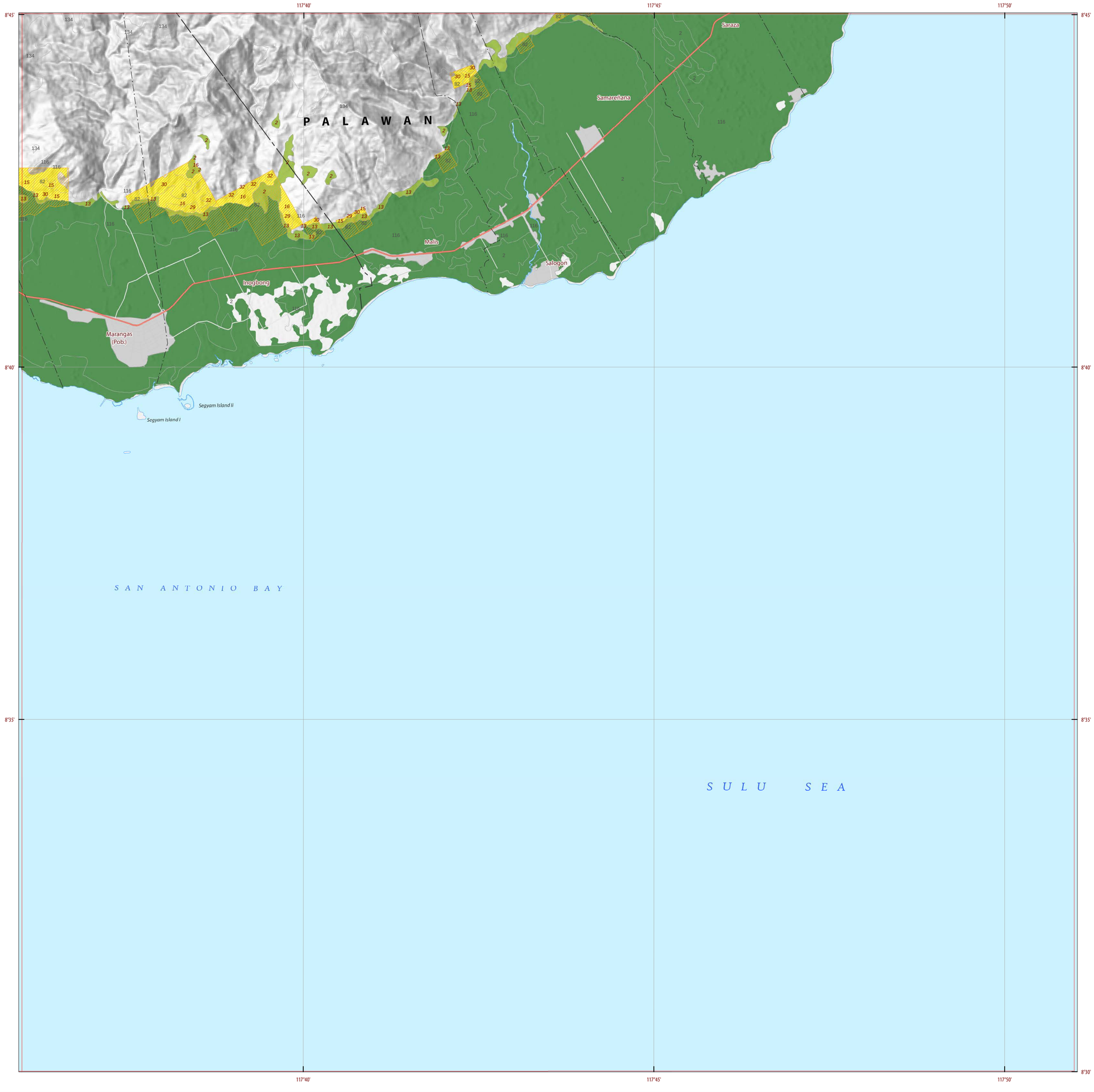

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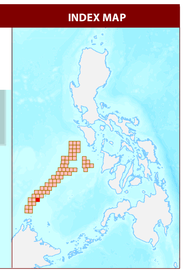
2518-III

2418-I | 2518-IV | 2518-I
2418-II | 2518-III
2417-I

INDEX MAP



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LAND SUITABILITY MAP CACAO

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.

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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

2417-IV
2418-III 2418-II
2417-IV 2417-I
2317-II 2417-III

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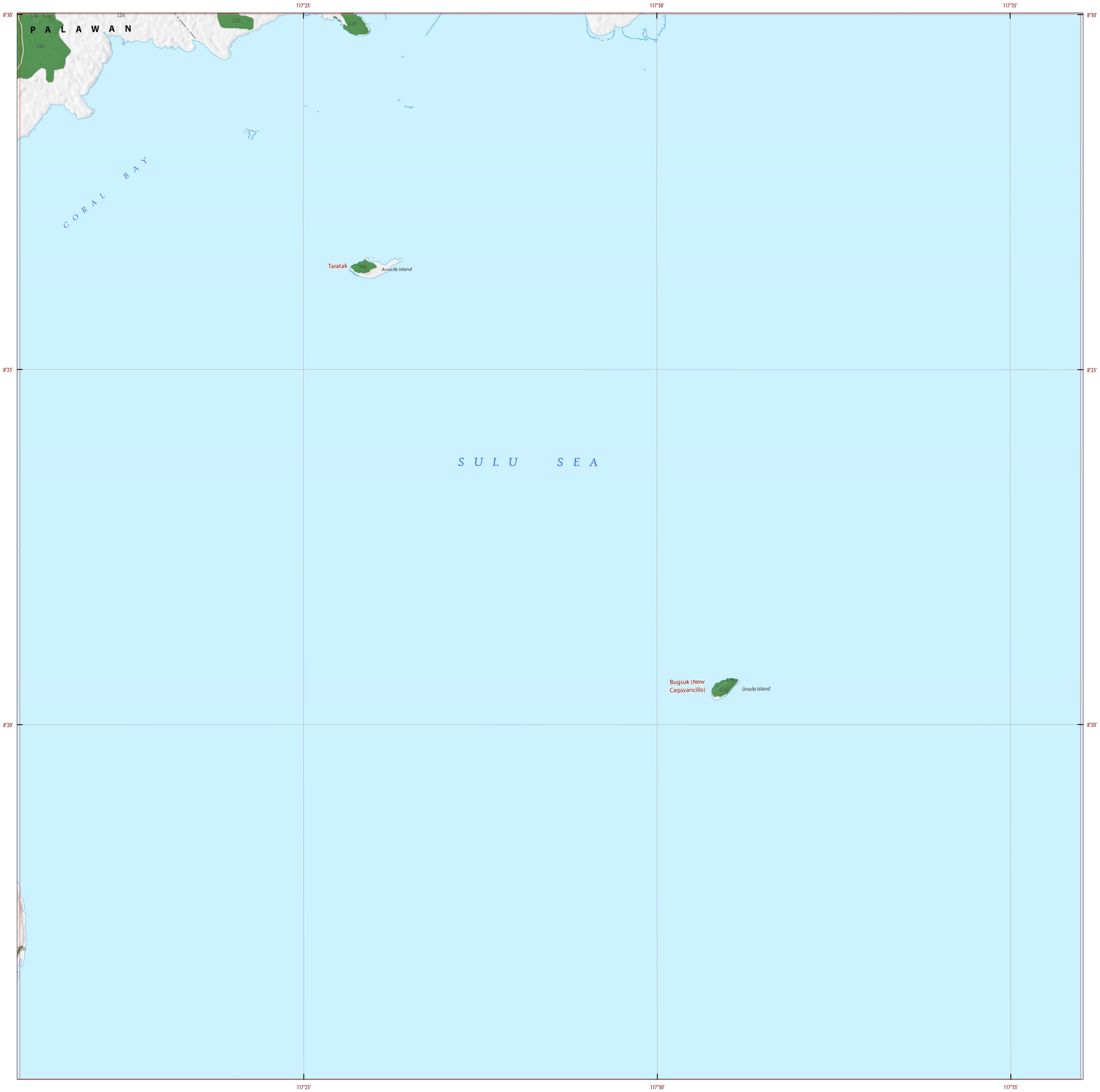

LAND SUITABILITY MAP CACAO

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
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Not Suitable/ Not Relevant

OTHER SIGNS

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Cacao
1 Land limitation
118 Land use

CONVENTIONAL SIGNS

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Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
Region
Province
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Municipality
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HYDROLOGY
Sea / Shoreline
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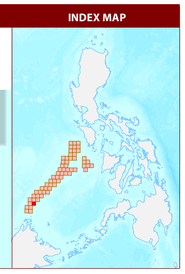
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

2417-I
2418-III 2418-II 2518-III
2417-IV 2417-I
2417-III

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 / 116 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

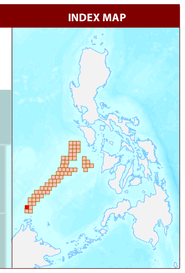
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

2317-II

2417-IV | 2417-III | 2316-I | 2416-IV

INDEX MAP



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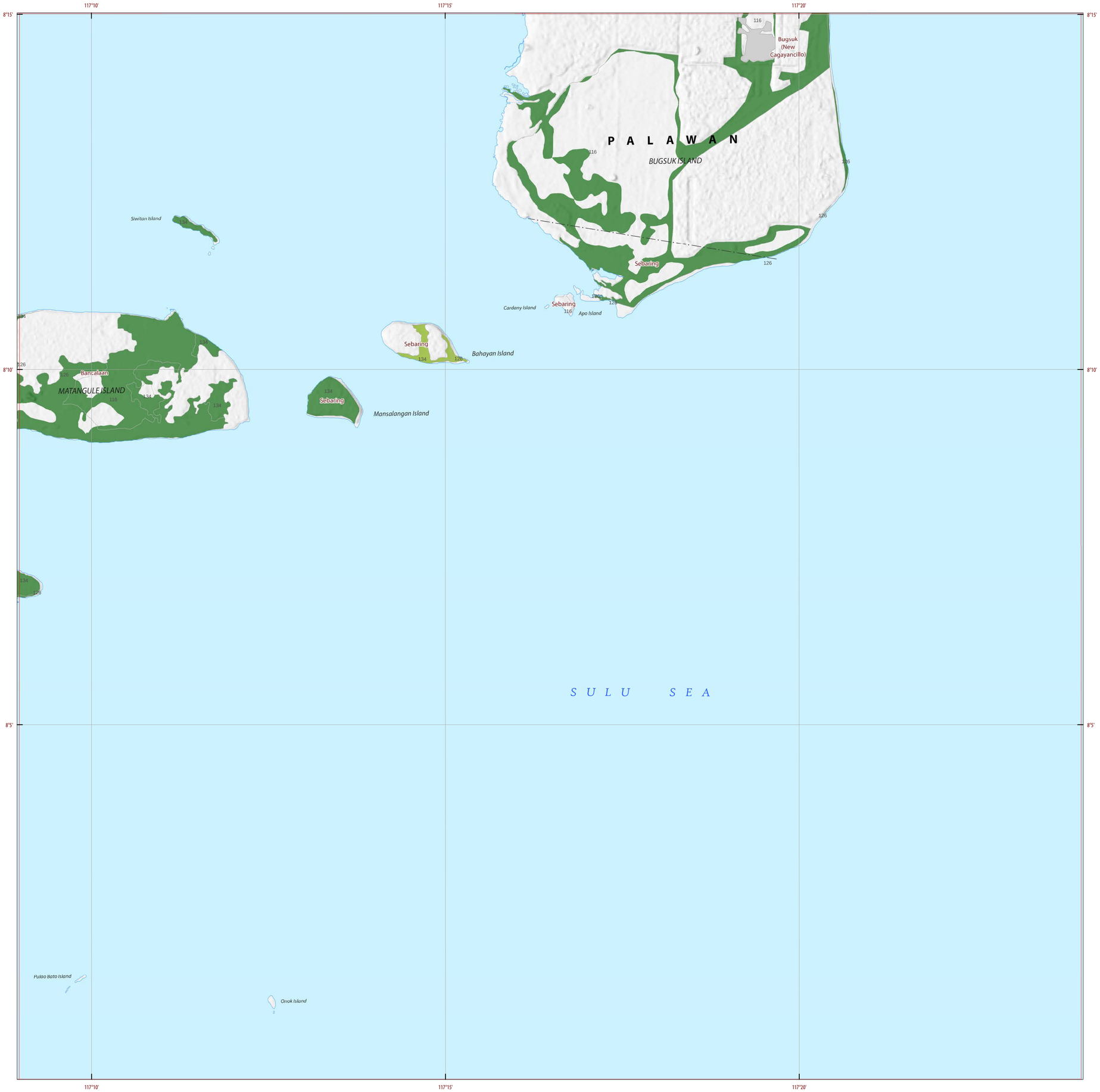

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2416-IV

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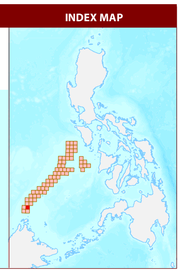

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118 Land use

CONVENTIONAL SIGNS

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Secondary
Tertiary

BOUNDARY
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Municipality
Barangay

HYDROLOGY
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Lakes / Rivers

PLACES
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Capital Town / Town

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Fishpond
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ADJOINING SHEETS

2316-I

2317-II 2417-III
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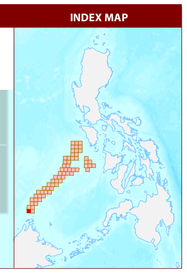

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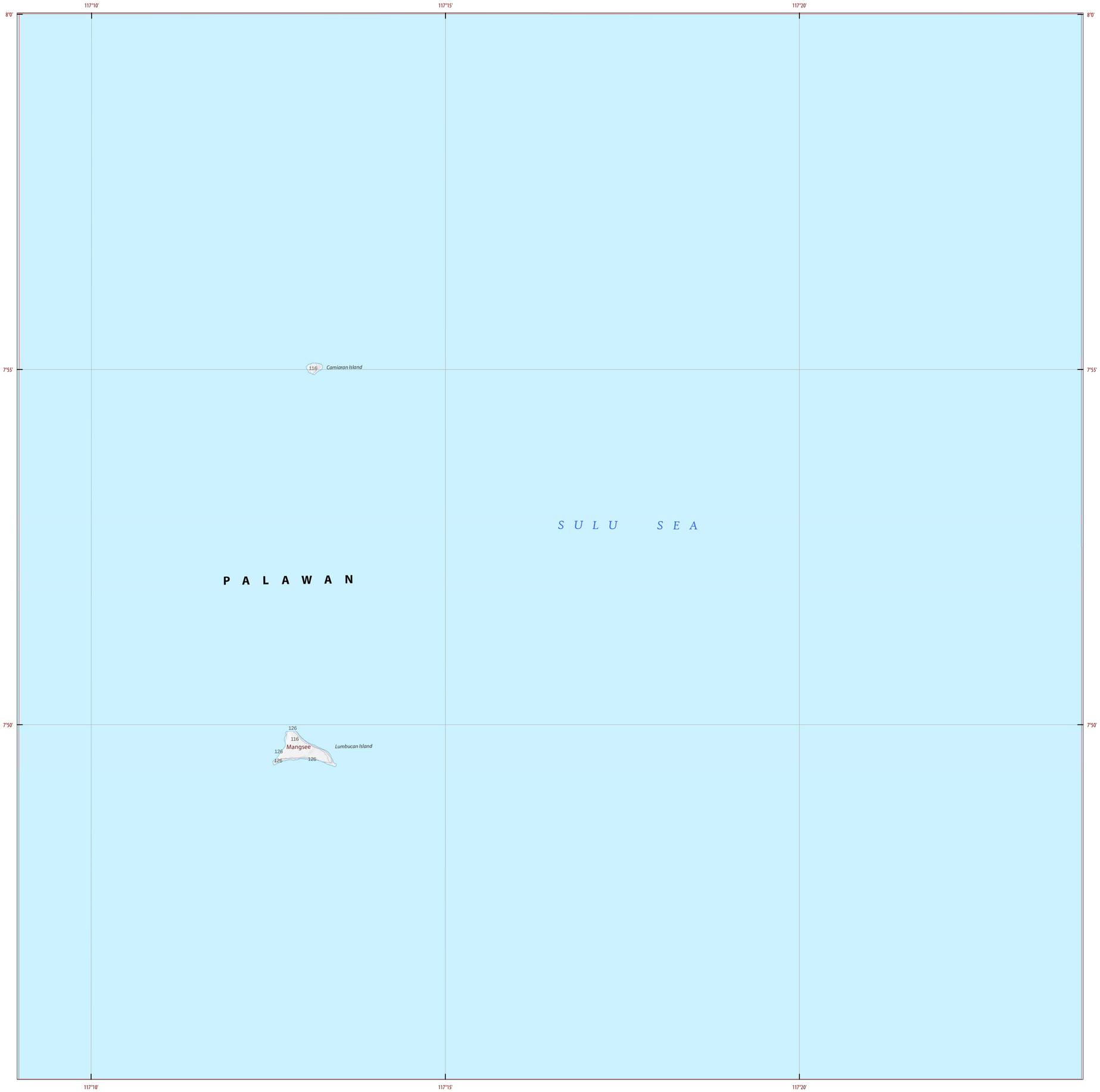

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2416-IV

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