LAND SUITABILITY MAP

ARABICA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

PROVINCE OF ILOILO

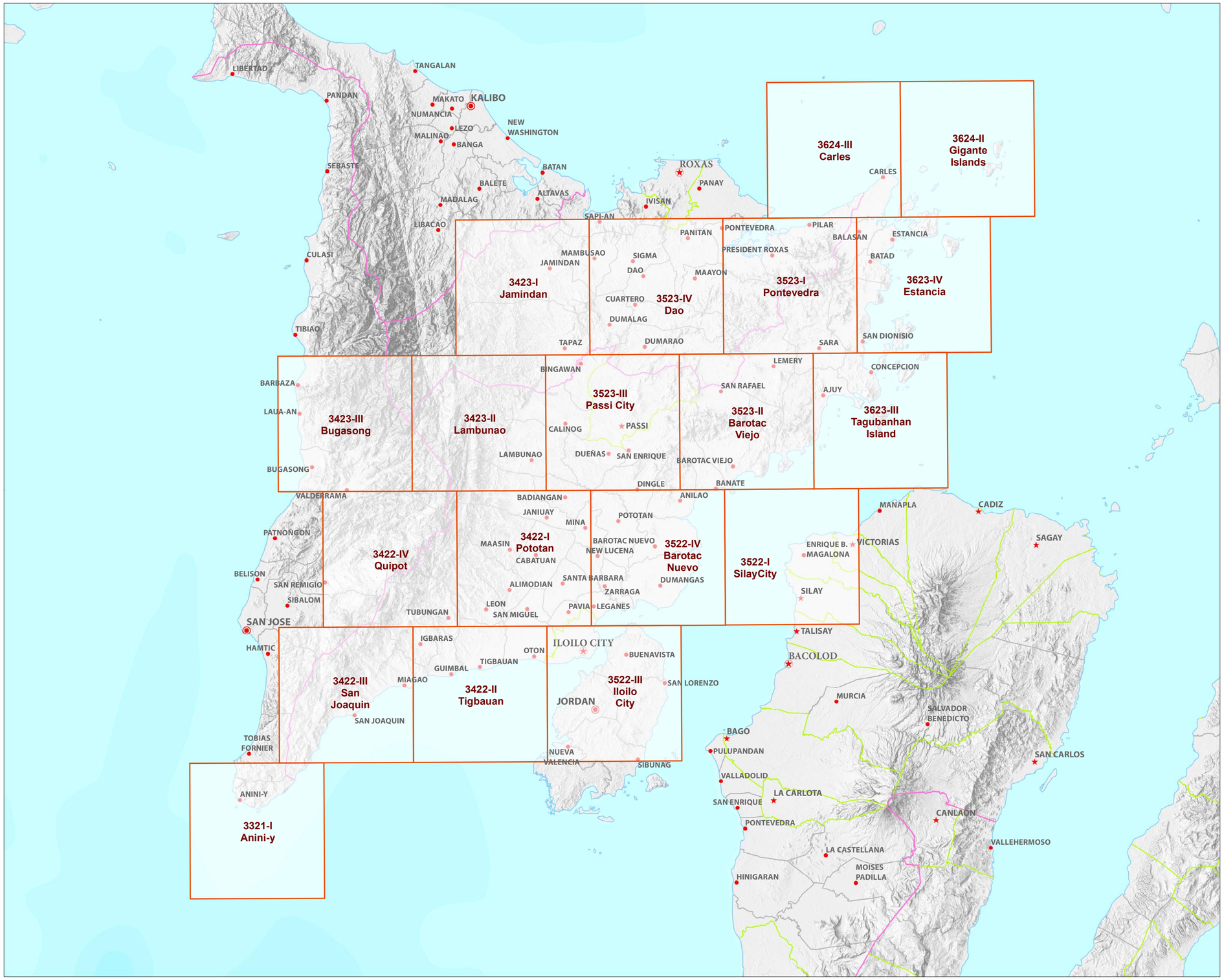


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MAP INDEX

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

PROVINCE OF ILOILO



LEGEND

Places

- Capital City
- City
- Capital Town
- Town

Administrative Boundary

- Regional
- Provincial
- City
- Municipal

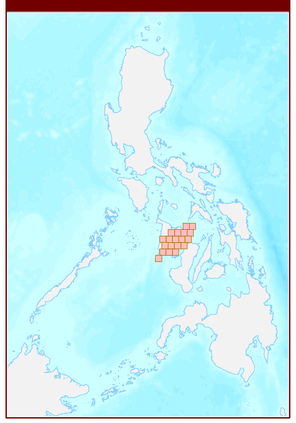
Map Index

- Index grid

Topographic Relief

Bathymetry

LOCATION MAP



LAND SUITABILITY MAP FOR ARABICA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

ILOILO, REGION VI

EXTENT OF SUITABILITY FOR ARABICA COFFEE PRODUCTION BY MUNICIPALITY

MUNICIPALITY	EXISTING COFFEE (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	
AJUY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALIMODIAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANILAO	-	4	21	25	-	-	-	-	-	-	-	-	-	-	-	-	-
BADIANGAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALASAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAROTAC NUEVO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAROTAC VIEJO	-	18	12	30	-	-	-	-	-	-	-	-	-	-	-	-	-
BATAD	-	2	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-
BINGAWAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CABATUAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALINOG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARLES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CITY OF PASSI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONCEPCION	-	-	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
DINGLE	-	-	19	19	-	-	-	-	-	-	-	-	-	-	-	-	-
DUEÑAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUMANGAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTANCIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUIMBAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGBARAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILOILO CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JANIUAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAMBUNAO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEGANES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEMERY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEON	-	-	84	84	-	-	-	8	-	-	-	-	-	-	-	-	8
MAASIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIAGAO	-	-	-	-	-	-	-	-	-	8	-	1	-	-	-	-	9
MINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW LUCENA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAVIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POTOTAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAN DIONISIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAN ENRIQUE	-	6	51	58	-	-	-	-	-	-	-	-	-	-	-	-	-
SAN JOAQUIN	-	-	29	29	-	-	-	1	-	6	-	-	-	-	-	-	7
SAN MIGUEL	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
SAN RAFAEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SANTA BARBARA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SARA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIGBAUAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUBUNGAN	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	16
ZARRAGA	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
TOTAL	-	32	271	303	-	-	-	25	-	14	-	1	-	-	-	-	**40**

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

AGRONOMIC REQUIREMENT OF ARABICA COFFEE 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
Coffee (Arabica)	S1	<8	>100	CL, SiCL, SCL, SC, SiC, C, HC	WD,MWD	5.6 -7.2	high	none-slight	none-slight	none-few	1000-2000	2001-4500	I, III, IV
	S2	8 - 30	30 - 100	FSL, L, SiL	SPD,PD	5.1 - 5.5 7.3 - 7.8	medium	moderate	moderate	common	500-1000 2000-2500	1000-2000	I, II
	S3	>30	<30	S, LS, CSL, SL	VPD,ED	<5.0 - > 7.9	low	severe	severe	many	<500 >2500	<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 - 500 - 1000m or 2000 - 2500m
El3 - < 500m or > 2500m

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

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

SOIL TEXTURE
Tc - Coarse texture

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

ROCK OUTCROPS
Rc2 - Common
Rc3 - Many

SOIL EROSION
E2 - Moderate erosion
E3 - Severe erosion

FLOODING
F2 - Moderate seasonal flooding
F3 - Severe seasonal flooding

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

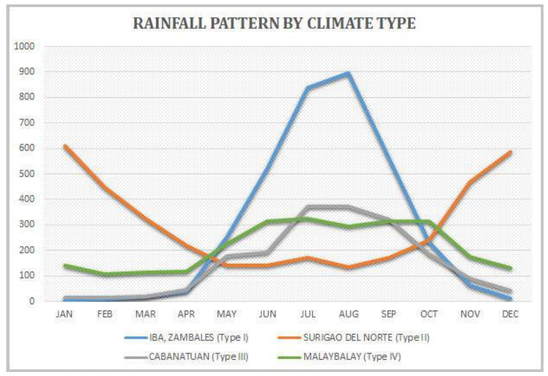
TYPE I : Two pronouced season, dry from November to April and wet during the rest of the year. Maximum rain period is from June to September

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.

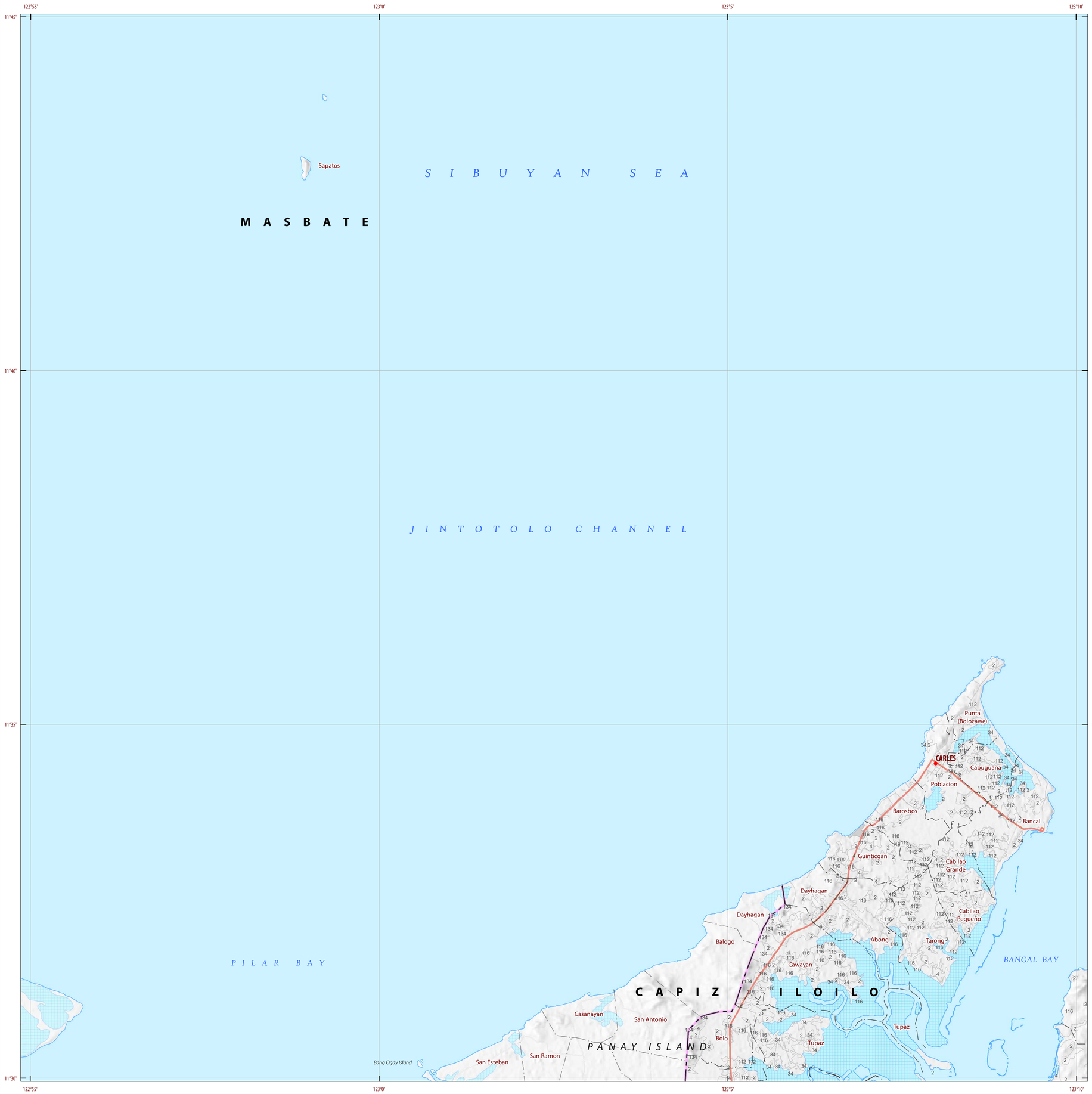
Southern part of Iloilo is classified as climatic Type I and Northern part belongs to Type III.



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>.

CODE	LAND LIMITATION	CODE	LAND LIMITATION	CODE	LAND LIMITATION	CODE	LAND LIMITATION
1	E3-Rc3	*11*	Sh2-Rc3	*21*	T2-El2-F2-D1	*31*	T3-El2-E3-Sh3-Rc2
2	El2	*12*	T2	*22*	T2-El2-F3-D1	*32*	T3-El2-E3-Sh3-Rc3
3	El2-E2-Rc3	*13*	T2-E3-Rc3	*23*	T3	*33*	T3-El2-F3-D1
4	El2-E2-Sh2-Rc2	*14*	T2-E3-Sh2-Rc3	*24*	T3-E3-Sh2-Rc3		
5	El2-E3-Rc3	*15*	T2-El2	*25*	T3-E3-Sh3-Rc3		
6	El2-F2-D1	*16*	T2-El2-E3	*26*	T3-El2		
7	El2-F3-D1	*17*	T2-El2-E3-Rc2	*27*	T3-El2-E3		
8	El2-Rc2	*18*	T2-El2-E3-Rc3	*28*	T3-El2-E3-Rc2		
9	El2-Sh2-Rc2	*19*	T2-El2-E3-Sh2-Rc2	*29*	T3-El2-E3-Rc3		
10	El2-Sh2-Rc3	*20*	T2-El2-E3-Sh2-Rc3	*30*	T3-El2-E3-Sh2-Rc3		

CODE	LAND USE
2	Non-irrigated rice
4	Corn
34	Diversified crops
81	Coffee
82	Cacao
112	Sugarcane
116	Coconut
126	Grassland
134	Shrubland, unmanaged



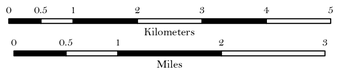


LAND SUITABILITY MAP ARABICA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



SCALE 1 : 50 000



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
Coffee
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

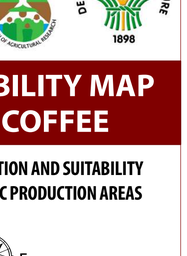
LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3624-III

3624-III
3624-II
3523-IV
3523-I
3623-IV

INDEX MAP



MISCELLANEOUS INFORMATION

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

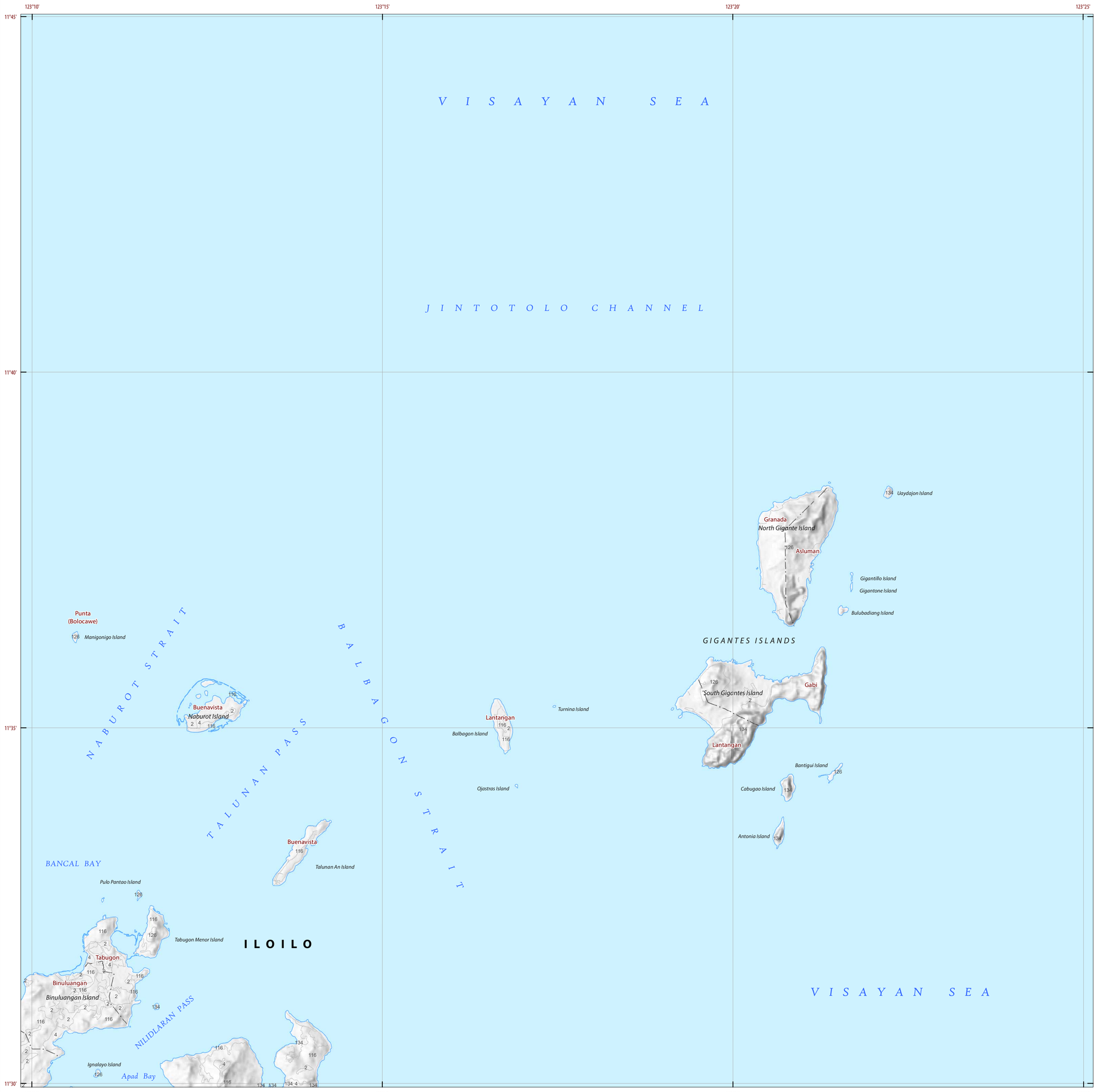
Project Leader : BERNARDO B. PASCUA
GIS and Cartography : IRVIN K. SAMALCA

Funding Agency : Department of Agriculture - Bureau of Agricultural Research (DA-BAR)
Collaborating Agencies : Philippine Council on Agriculture and Fisheries (PCAF)
: Department of Agriculture Regional Field Office of CAR, Region II, IV-A, IV-B, VI, VII, VIII, IX, X, XI, XII and CARAGA(XIII)
: Local Government Unit (LGU) of covered provinces and municipalities

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LAND SUITABILITY MAP ARABICA COFFEE

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
Coffee
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

3624-II

3624-III
3624-II
3523-I
3623-IV

INDEX MAP

MISCELLANEOUS INFORMATION

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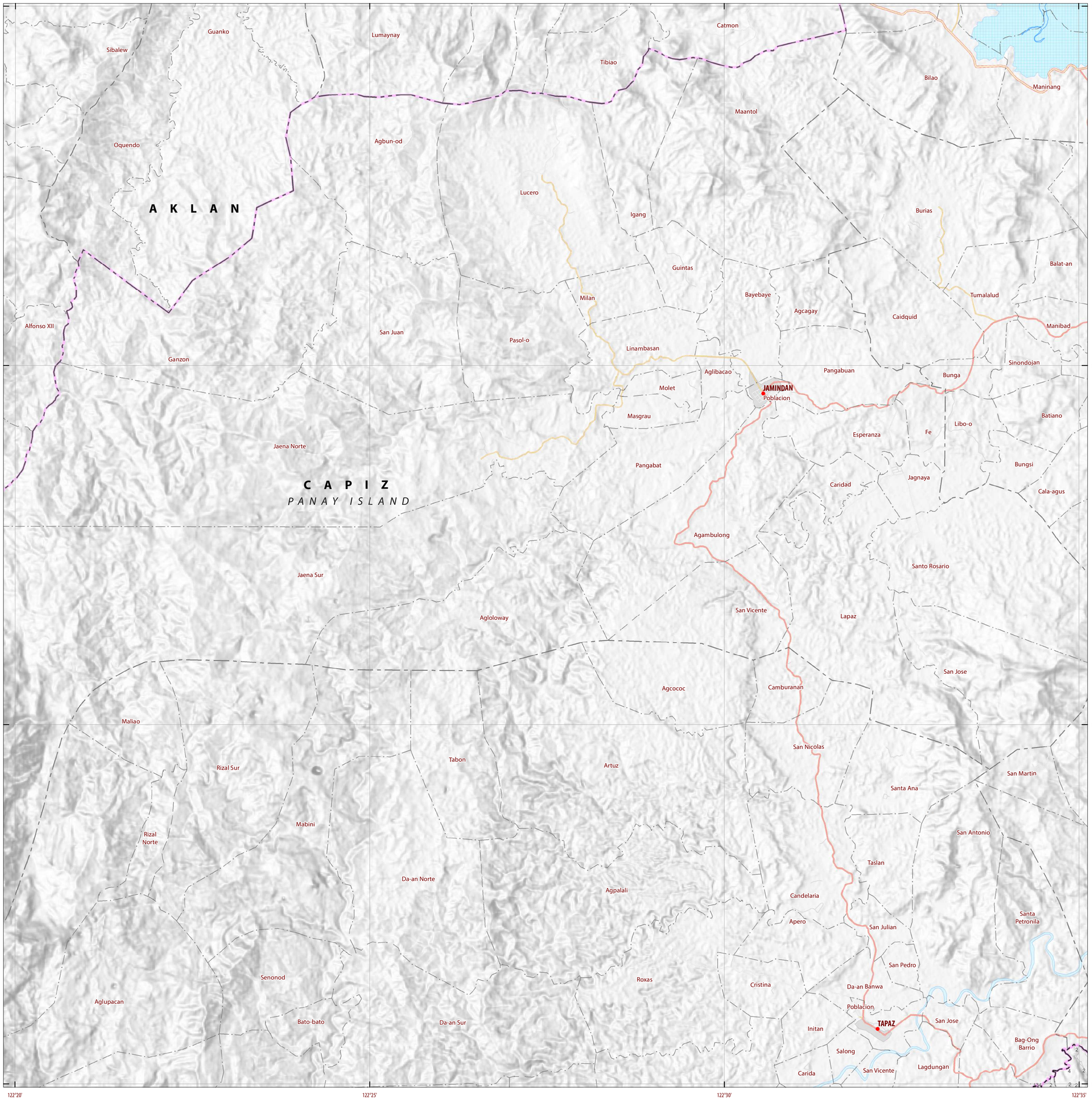
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LAND SUITABILITY MAP ARABICA COFFEE

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
- Coffee
- 1 — Land limitation
- 118 — Land use

CONVENTIONAL SIGNS

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

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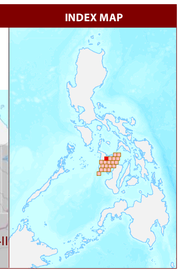
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3423-I

3423-I | 3523-IV | 3423-III | 3423-II | 3523-III | 3523-II

INDEX MAP



MISCELLANEOUS INFORMATION

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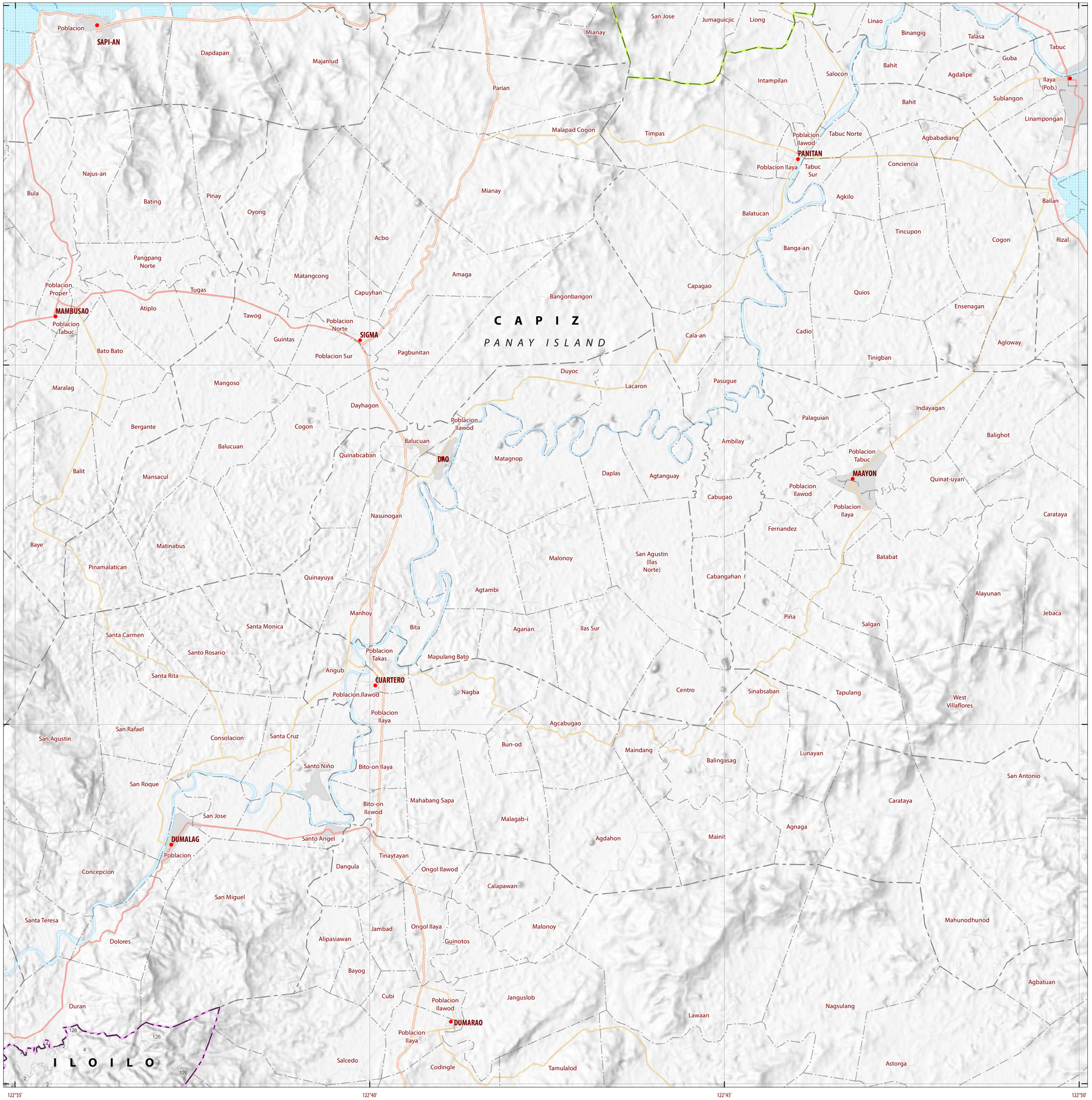
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GIS and Cartography : IRVIN K. SAMALCA

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



DEPARTMENT OF AGRICULTURE 1898

DEPARTMENT OF AGRICULTURE BUREAU OF AGRICULTURAL RESEARCH

DEPARTMENT OF AGRICULTURE 1898

LAND SUITABILITY MAP ARABICA COFFEE

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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- 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
- Coffee
- 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

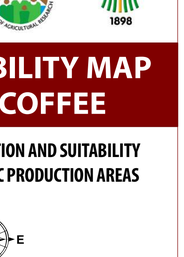
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3523-IV

3624-III
3423-I | 3523-IV | 3523-I
3423-II | 3523-III | 3523-II | 3623-III

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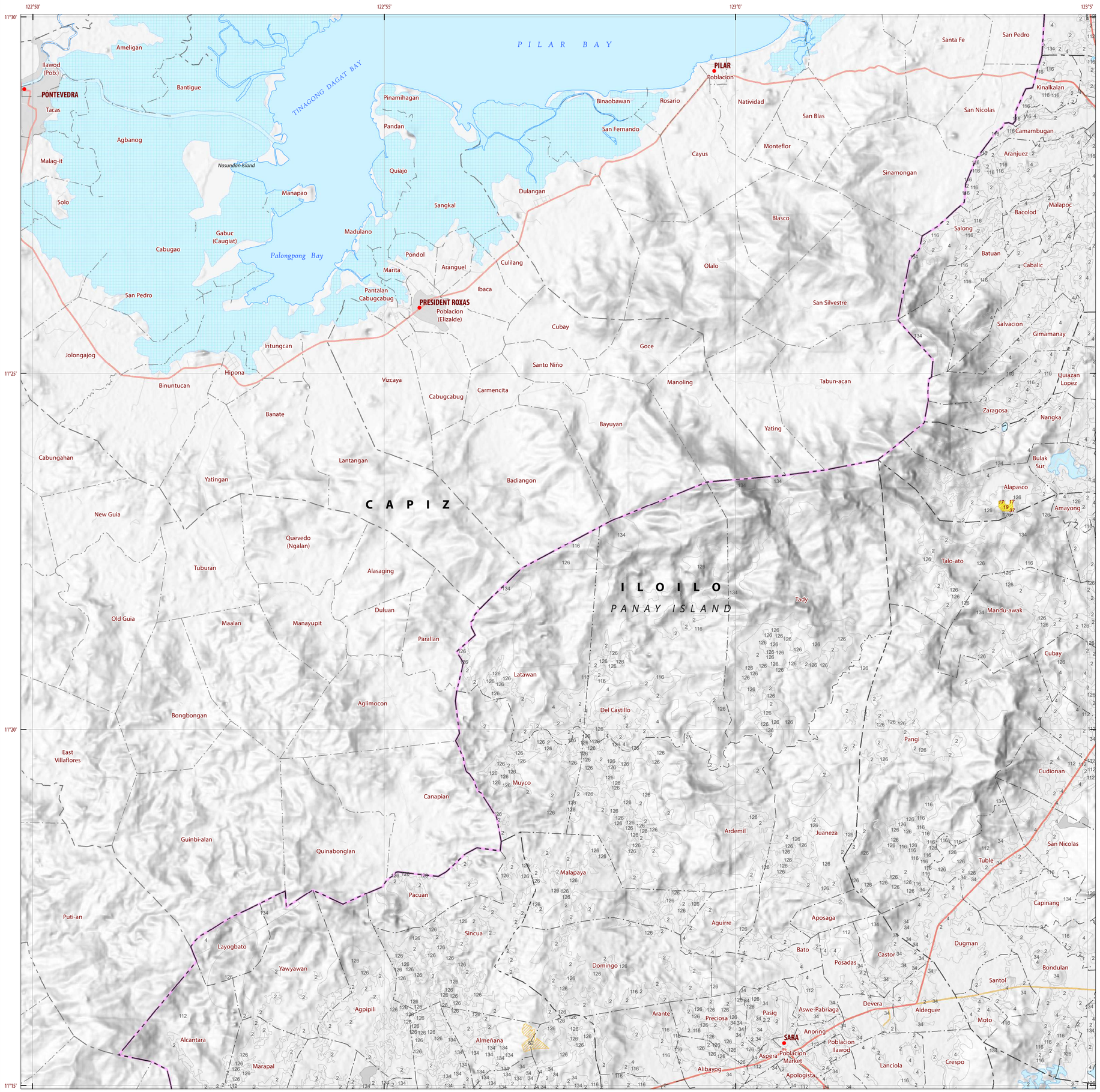
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LAND SUITABILITY MAP ARABICA COFFEE

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

- NGP Areas
- Coffee
- 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

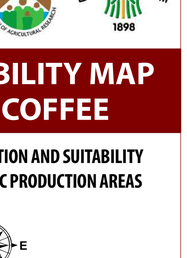
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3523-I

3624-III | 3624-II
3523-IV | 3523-I | 3623-IV
3523-III | 3523-II | 3623-III

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LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers
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Miles

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- 118 Land use

CONVENTIONAL SIGNS

ROADS
- Expressway
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- Primary
- Secondary
- Tertiary

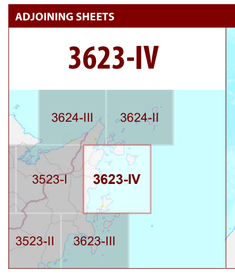
BOUNDARY
- Region
- Province
- District
- Municipality
- Barangay

HYDROLOGY
- Sea / Shoreline
- Lakes / Rivers

PLACES
- Capital City / City
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LAND USE
- Built-up
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ADJOINING SHEETS



INDEX MAP



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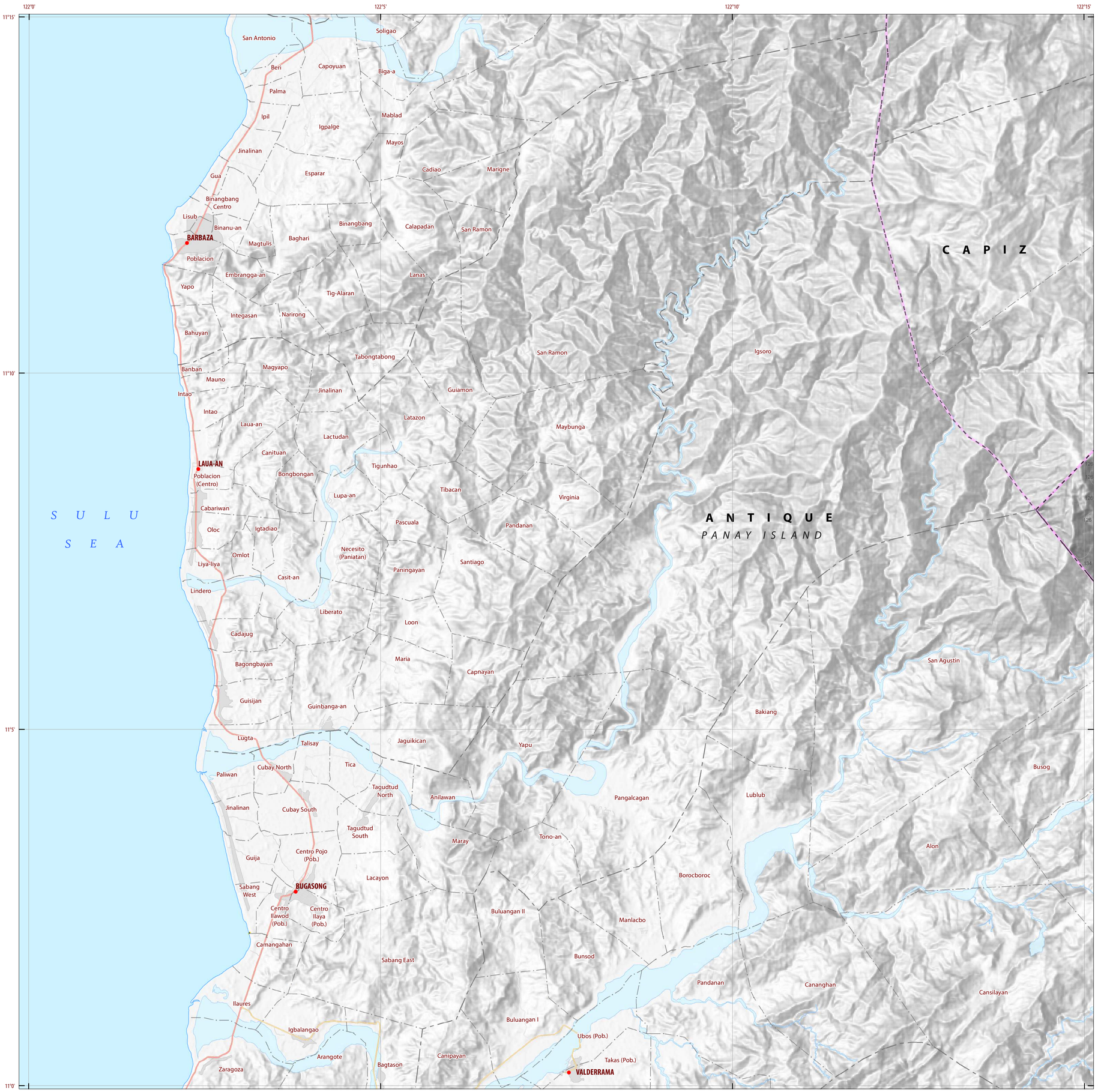
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District
Municipality
Barangay

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Lakes / Rivers

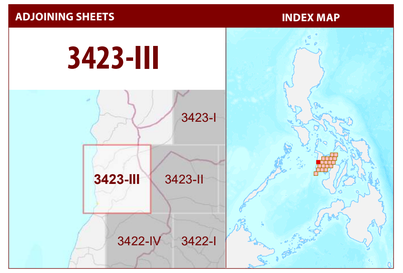
PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3423-III

INDEX MAP



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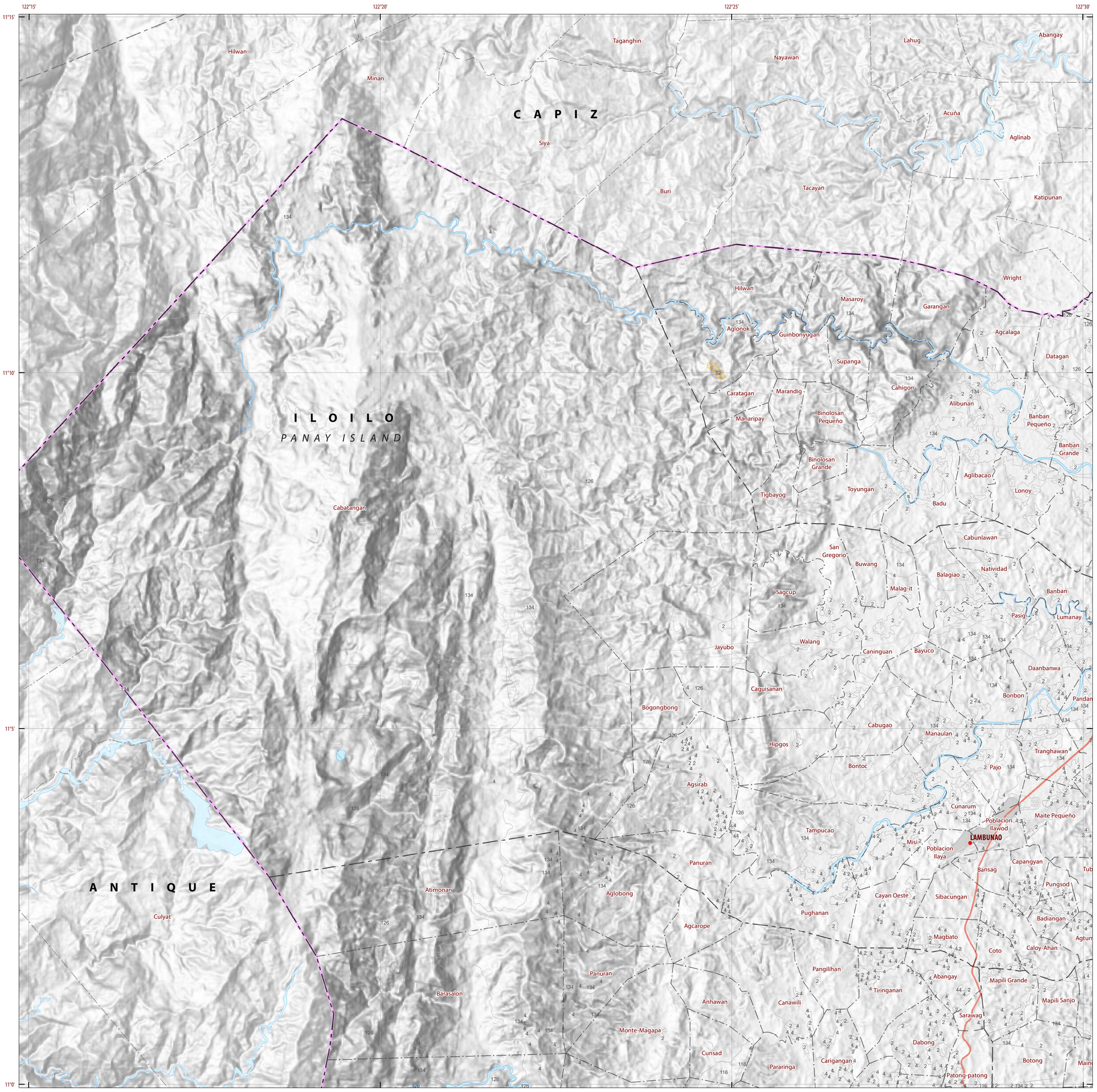
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LAND SUITABILITY MAP ARABICA COFFEE

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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- 116 — Land use

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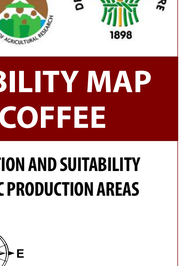
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3423-II

3423-I | 3523-IV
3423-III | 3423-II | 3523-III
3422-IV | 3422-I | 3522-IV

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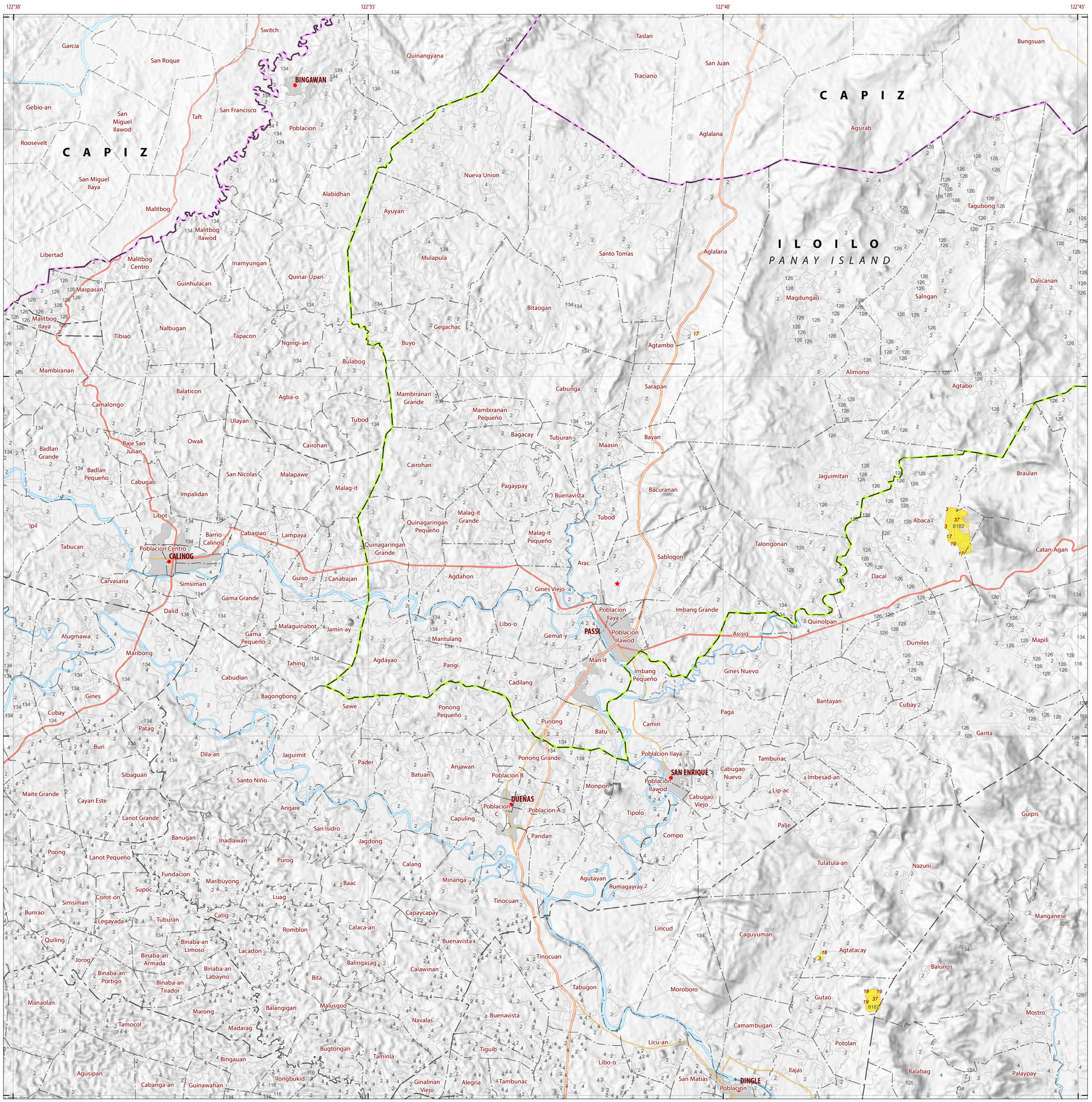
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3523-III

PROVINCE OF ILOILO

Passi City





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LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N W E S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers
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- Capital City / City
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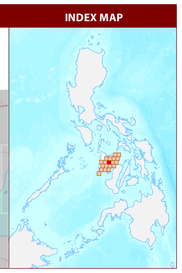
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3523-III

3423-I | 3523-IV | 3523-I
3423-II | **3523-III** | 3523-II
3422-IV | 3422-I | 3522-IV | 3522-I

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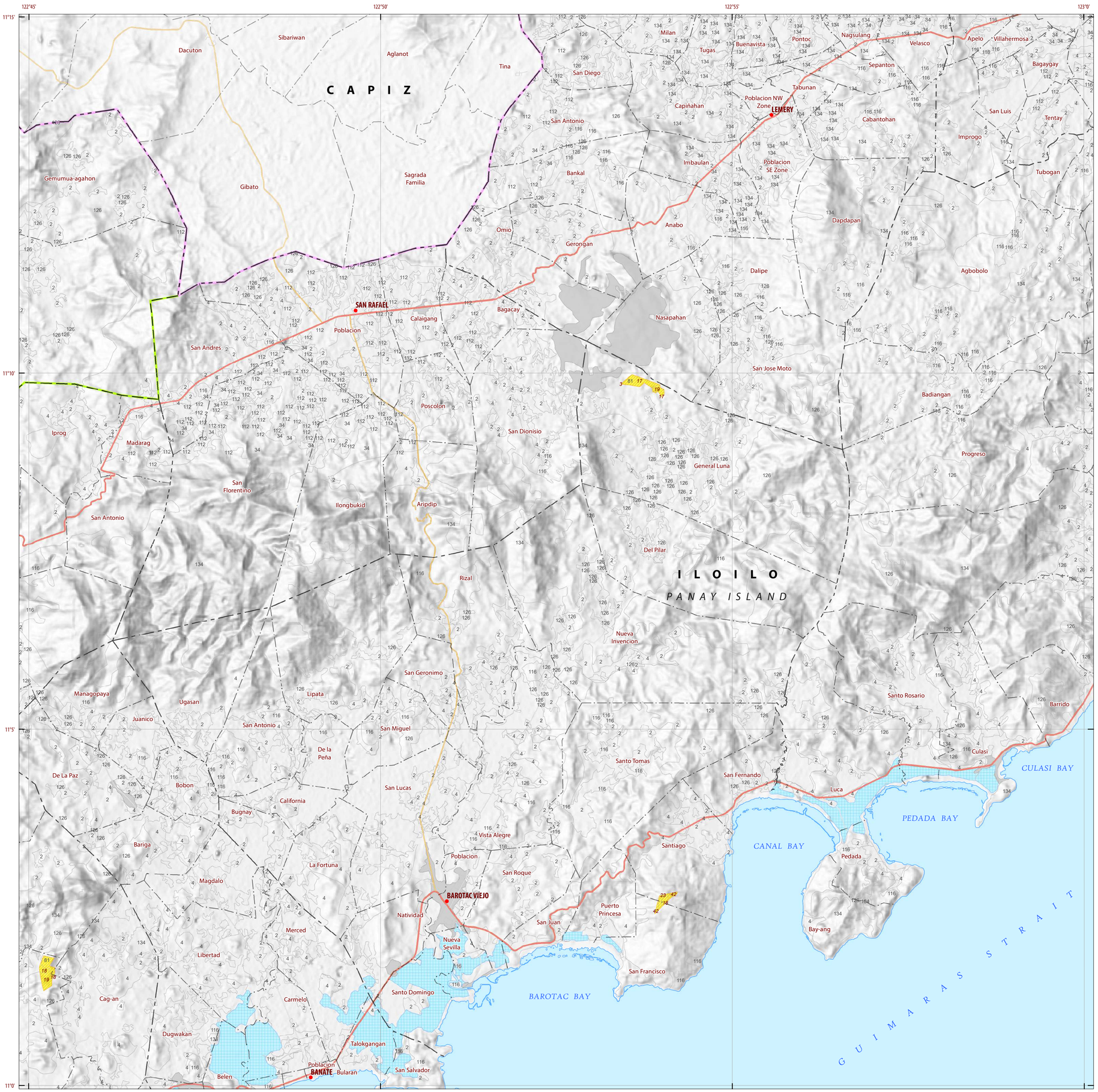
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LAND SUITABILITY MAP ARABICA COFFEE

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
- Coffee
- 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

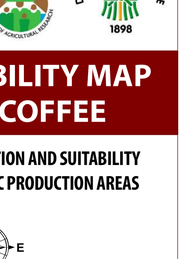
PLACES
- Capital City / City
- Capital Town / Town

LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3423-I 3523-IV 3523-I 3623-IV
3523-III 3523-II 3623-III
3422-I 3522-IV 3522-I

INDEX MAP



MISCELLANEOUS INFORMATION

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123°0' 123°5' 123°10' 123°15'

11°15' 11°10' 11°5' 11°0'

CONCEPCION BAY

PANAY ISLAND

ILOILO

VISAYAN SEA

APITONG PASS

AJUY BAY

ANAUAYAN CHANNEL

GUIMARAS STRAIT

ILACAON CHANNEL

CONCEPCION

AJUY

Padios
Aglosong
Labigan
Salcedo
Bacjawan Norte
Batitao
Gildore
Zerrudo
Bakabak
Ferraris
Calamigan
Tanduyan
Pinay
Espinosa
Jamul-Awon
Bacjawan Sur
Batiti
Pinantan
Diel
Adcadarao
Agnaga
Poblacion
Pinantan
Elizalde
Macalbang
Lo-ong
Tipacla
Central
Puente
Bunglas
Lanjagan
Pantalan
Navarro
Tamis-ac
Nipa
Niño
Taguhangin
Bucana
Bunglas
Plandico
Poblacion
Pantalan
Nabaye
Rojas
San Antonio
Silagon
Bato Biasong
Mangorocoro
Pili
Malayu-an
Salog Island
Buri Island
Bayang Island
Calabasa Island
Nasidman Island
Tambaliza
Tago Island
Botlog
Botlog Island
Salvacion
Malangabang Island
Malangabang
Agho Island
Igbon
Igbon Island
Polopina
Bulubadlangan Island
Dunao Island
Maliogliog
Dungon
Bagongon
Tagubanhan
TAGUBANHAN ISLAND
Punta Buri
Punta Buri
Anauayan Island
Hacaon Island



LAND SUITABILITY MAP ARABICA COFFEE

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
Coffee
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

3623-III

3523-IV 3523-I 3623-IV
3523-II 3623-III
3522-IV 3522-I

INDEX MAP



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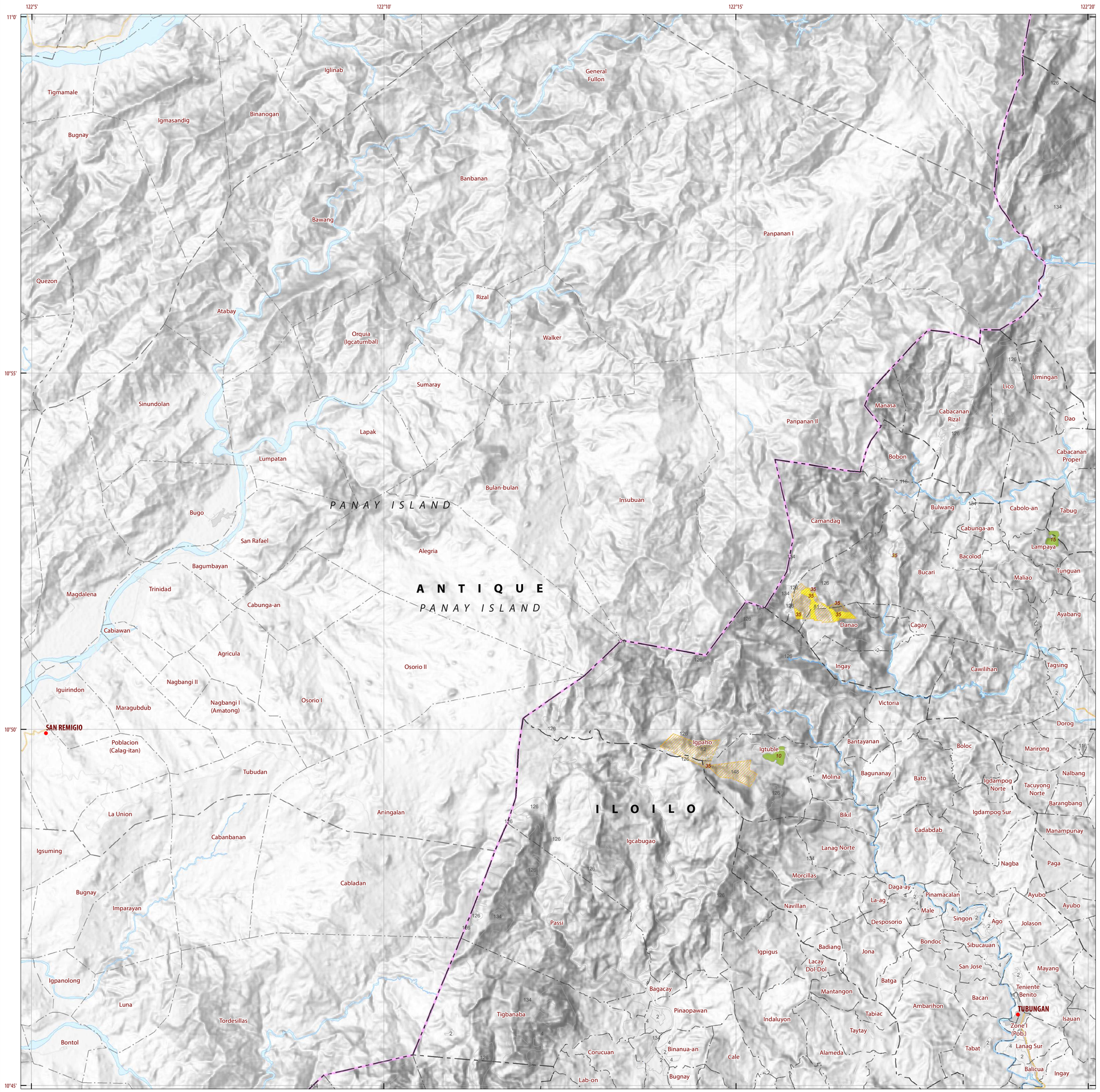
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LAND SUITABILITY MAP ARABICA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

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OTHER SIGNS

- NGP Areas
- Coffee
- 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

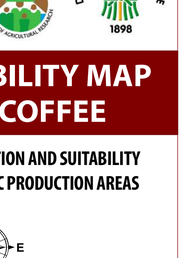
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3422-IV

3423-III | 3423-II 3523-III | 3422-I | 3422-III | 3422-II 3522-III

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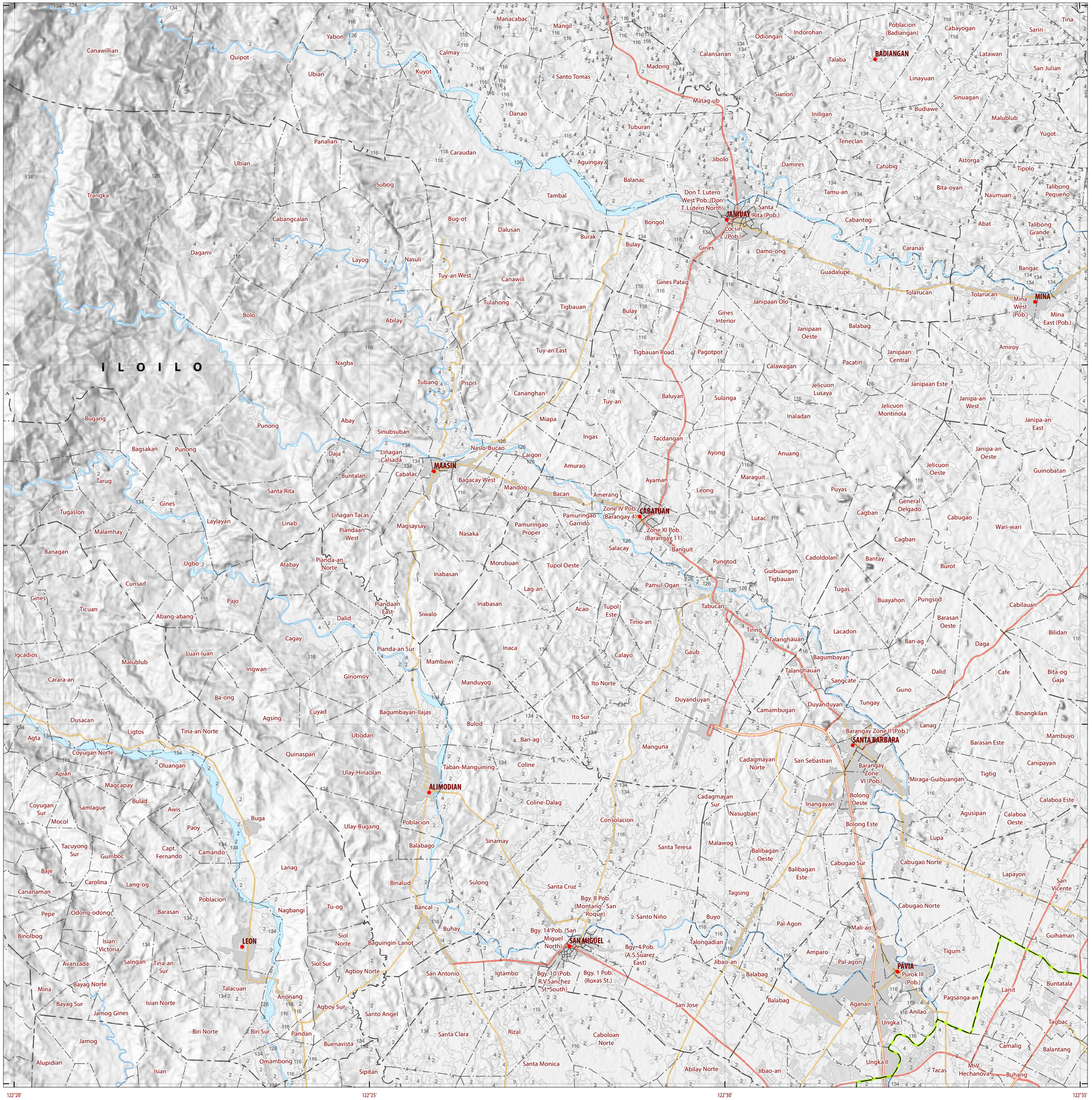
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LAND SUITABILITY MAP ARABICA COFFEE

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

- NGP Areas
- Coffee
- 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

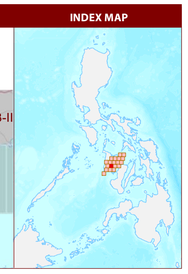
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3422-I

3423-III | 3423-II | 3523-III 3523-II
3422-IV | 3422-I | 3522-IV
3422-III | 3422-II | 3522-III

INDEX MAP



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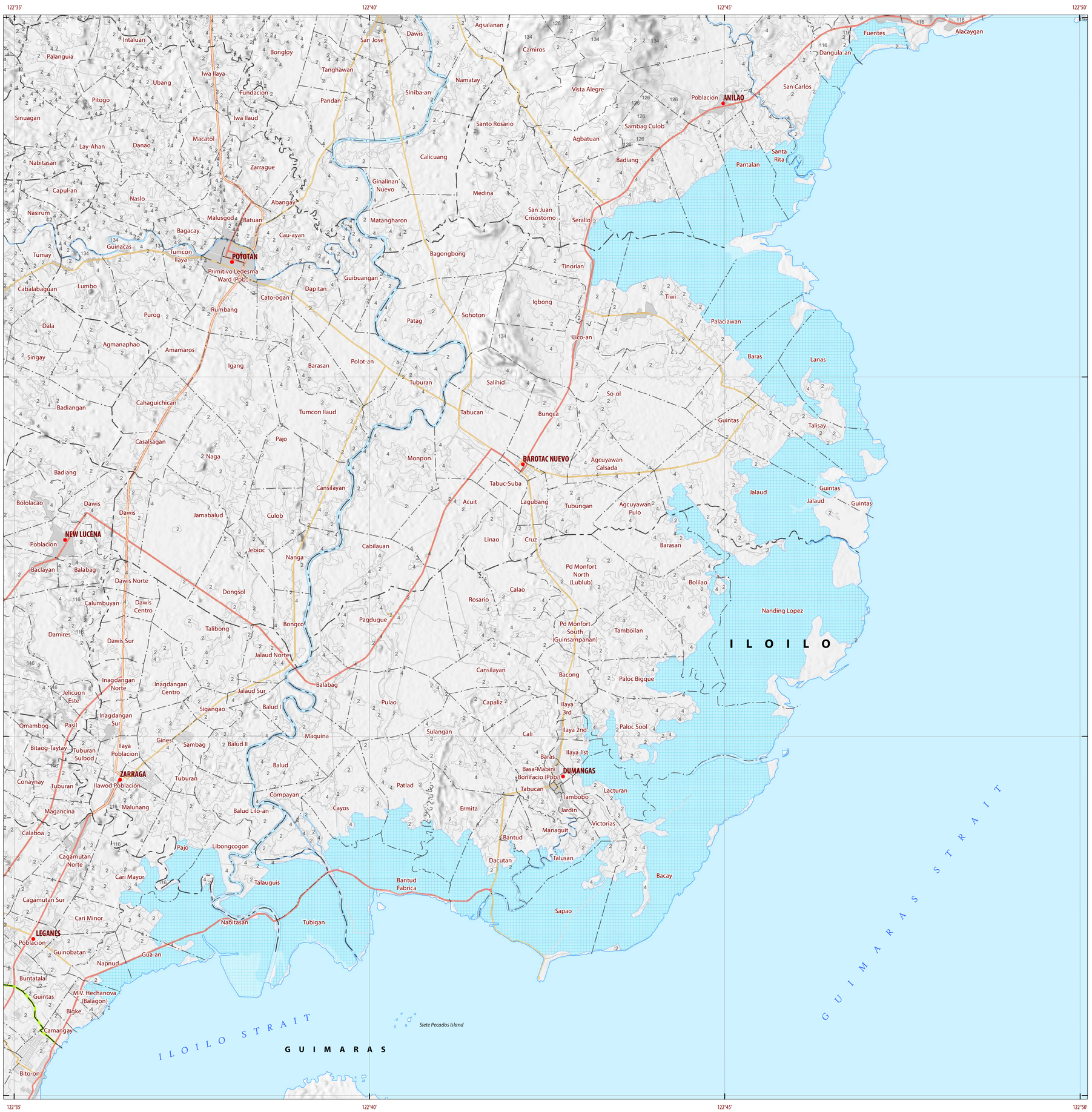
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3522-IV

PROVINCE OF ILOILO

Barotac Nuevo



LAND SUITABILITY MAP ARABICA COFFEE

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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- Coffee
- 1 — Land limitation
- 116 — Land use

CONVENTIONAL SIGNS

ROADS
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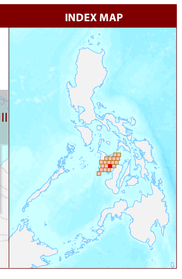
LAND USE
- Built-up
- Fishpond
- Mangrove

ADJOINING SHEETS

3522-IV

3423-II | 3523-III | 3523-II 3623-III
3422-I | 3522-IV | 3522-I
3422-II | 3522-III

INDEX MAP



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LAND USE
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Fishpond
Mangrove

ADJOINING SHEETS

3522-I

3523-III 3523-II 3623-III
3522-IV 3522-I
3522-III

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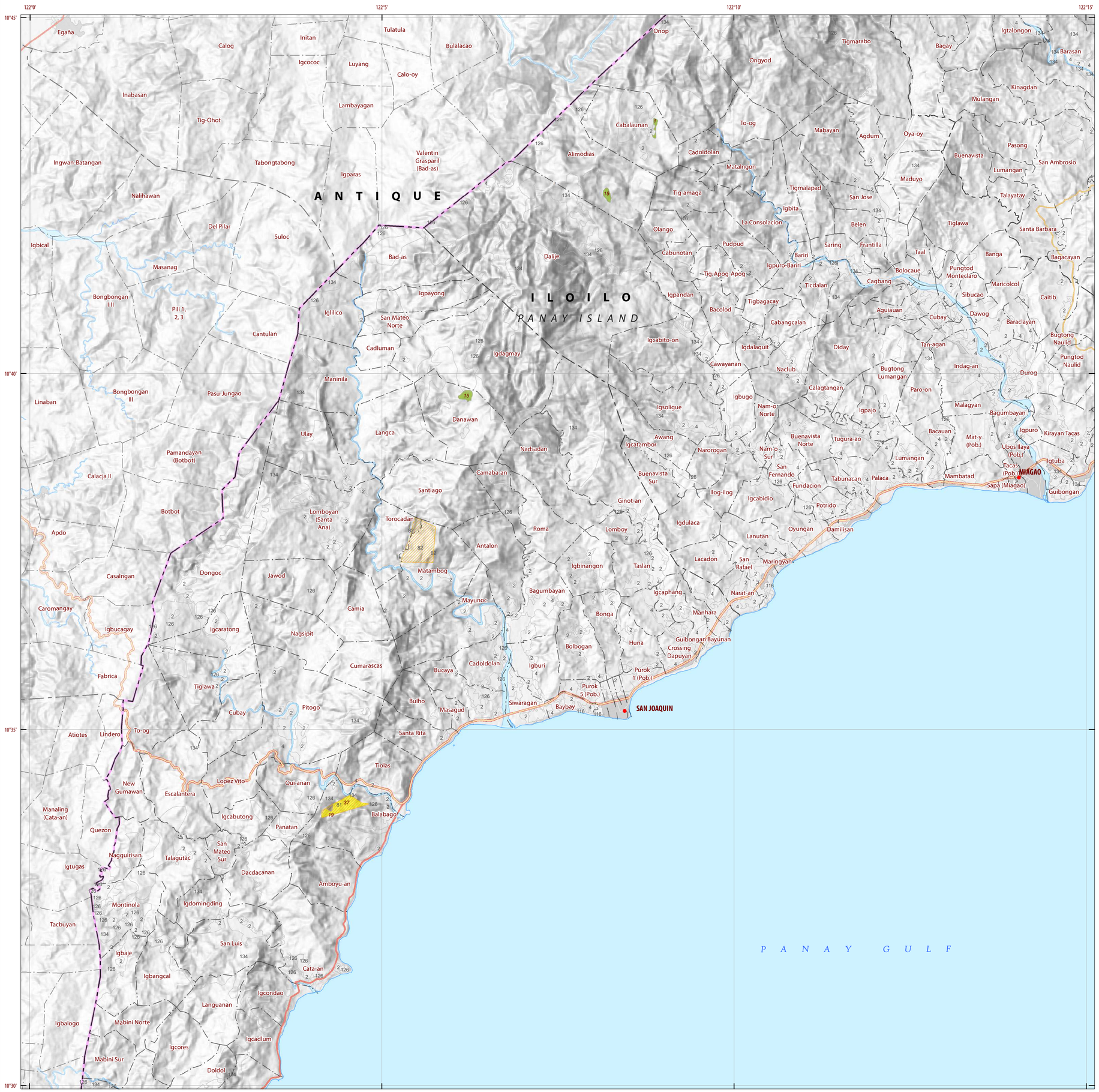
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3422-III

PROVINCE OF ILOILO

San Joaquin





LAND SUITABILITY MAP ARABICA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

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Kilometers
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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
- Coffee
- 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

3422-III

3422-IV | 3422-I
3422-III | 3422-II
3321-I

INDEX MAP



MISCELLANEOUS INFORMATION

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DEPARTMENT OF AGRICULTURE 1898

DEPARTMENT OF AGRICULTURE BUREAU OF AGRICULTURAL RESEARCH

DEPARTMENT OF AGRICULTURE 1898

LAND SUITABILITY MAP ARABICA COFFEE

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
Coffee
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

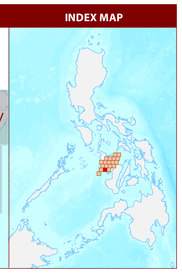
LAND USE
Built-up
Fishpond
Mangrove

ADJOINING SHEETS

3422-II

3422-IV | 3422-I | 3522-IV
3422-III | **3422-II** | 3522-III
3321-I

INDEX MAP



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LAND SUITABILITY MAP ARABICA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS



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
- Coffee
- 1 / 118 — 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

3522-III

3422-IV | 3422-I | 3522-IV | 3522-I

3422-II | 3522-III

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LAND SUITABILITY MAP ARABICA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS

N
W E
S

SCALE 1 : 50 000

0 0.5 1 2 3 4 5
Kilometers

0 0.5 1 2 3
Miles

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LEGEND

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OTHER SIGNS

NGP Areas
Coffee
1 Land limitation
118 Land use

CONVENTIONAL SIGNS

ROADS
Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY
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Province
District
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Barangay

HYDROLOGY
Sea / Shoreline
Lakes / Rivers

PLACES
Capital City / City
Capital Town / Town

LAND USE
Built-up
Fishpond
Mangrove

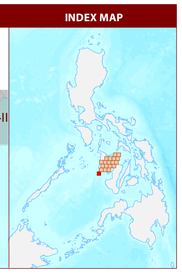
ADJOINING SHEETS

3321-I

3422-III 3422-II

3321-I

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