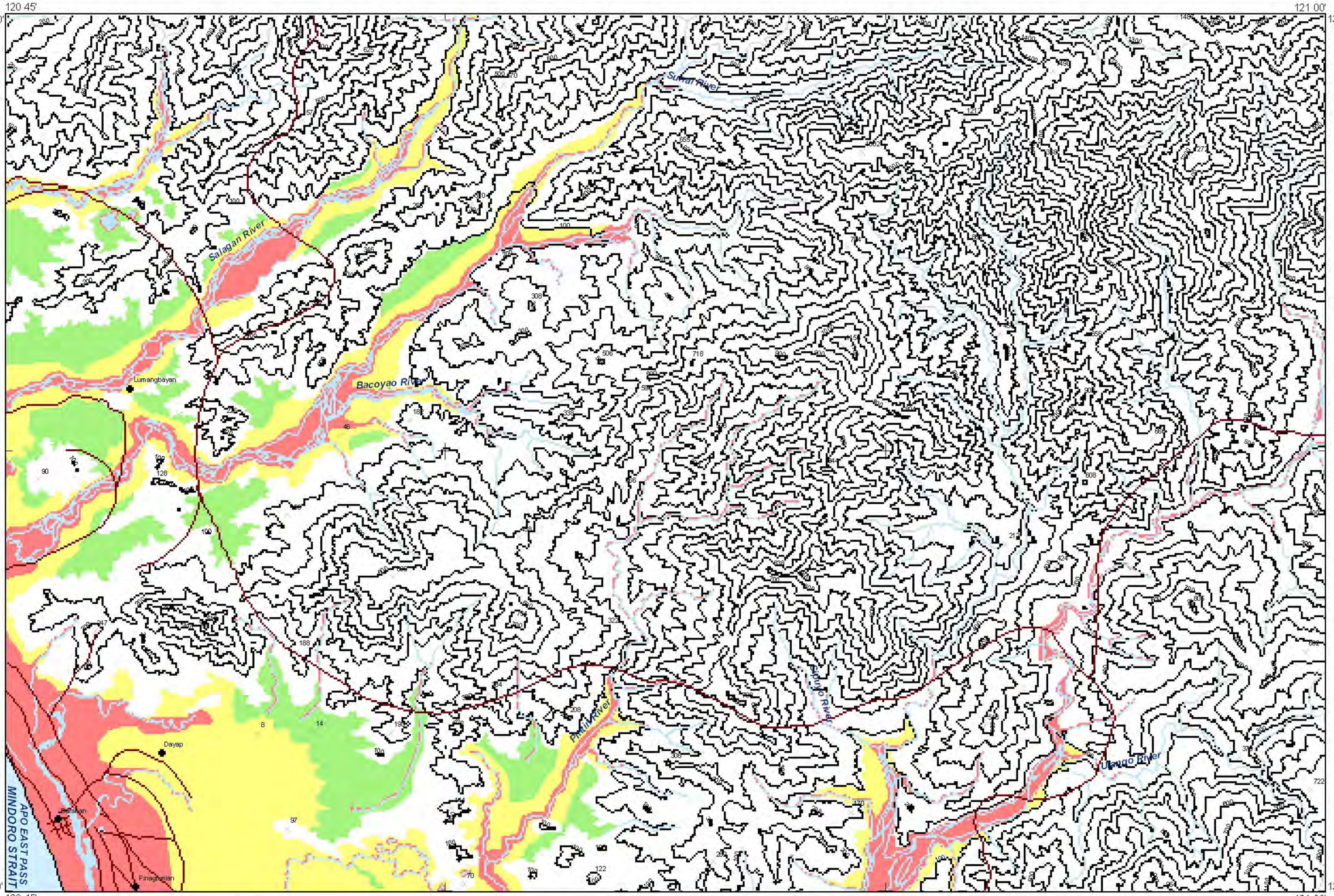
FLOOD SUSCEPTIBILITY MAP OF BARAHAN QUADRANGLE

120 45'
121 00'
13 10'
13 00'



LEGEND

- Barangay
- Spot elevation
- River
- Road
- Contour

Flood Susceptibility Zonation

- High
- Moderate
- Low

CONTOUR INTERVAL : 100 METERS

N

0 2.5 5

Kilometers

Topographic Map Source:
Barahan Sheet 3159 II (NAMRIA)

Geographic Coordinate System - Luzon 1911 Datum

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Department of Environment and Natural Resources
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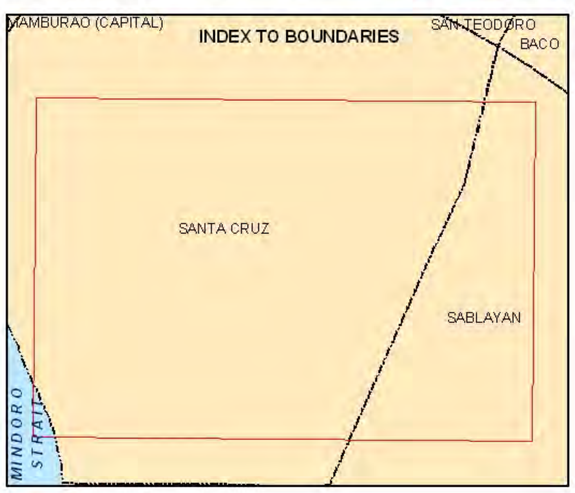
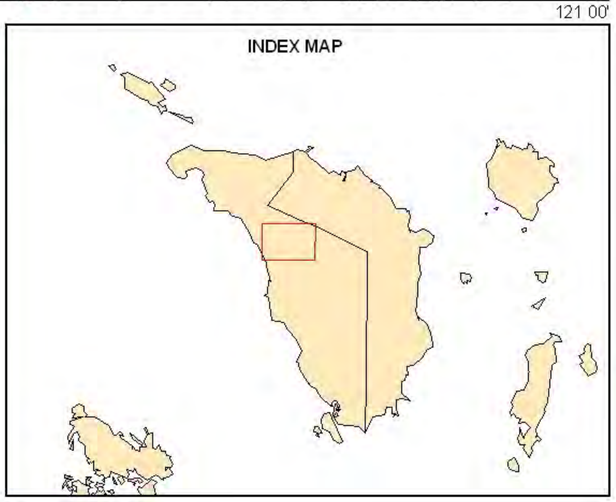
1515 Roxas Blvd., Ermita, Manila





FLOOD SUSCEPTIBILITY MAP OF CALINTAAN QUADRANGLE

120 45' 121 00'

12 40'

12 30'

MINDORO STRAIT

APO EAST PASS

IRIRUM BAY

Ugaya

Burgos

Irirum Creek

Concepcion

Irirum

Paypay River

Paypay

CALINTAAN

New Dagupan

Cansaleu Creek

Malawaan

Lumintao River

Malawan Creek

Marilao River

Magsikap

LEGEND

- Municipality, Barangay
- Spot elevation
- River
- Road
- Contour

Flood Susceptibility Zonation

- High
- Moderate
- Low
- None

CONTOUR INTERVAL : 100 METERS

N

0 2.5 5

Kilometers

Topographic Map Source:
Calintaan Sheet 3157 I (NAMRIA)

Geographic Coordinate System - Luzon 1911 Datum

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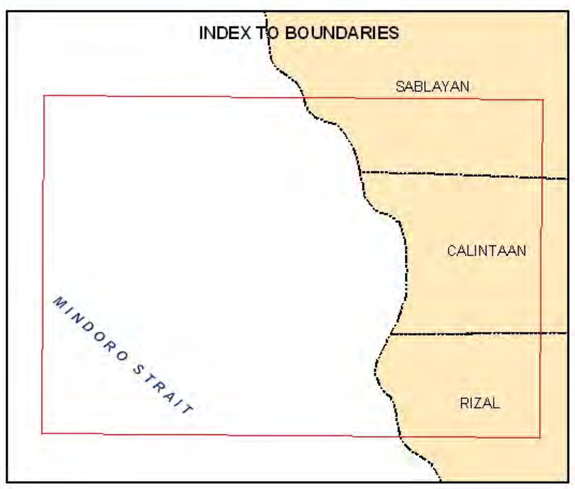
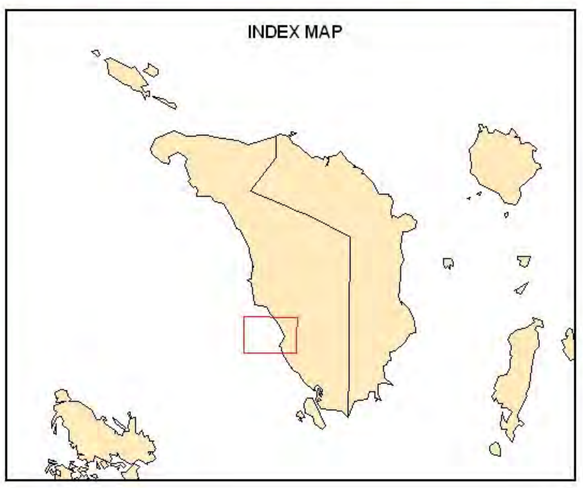
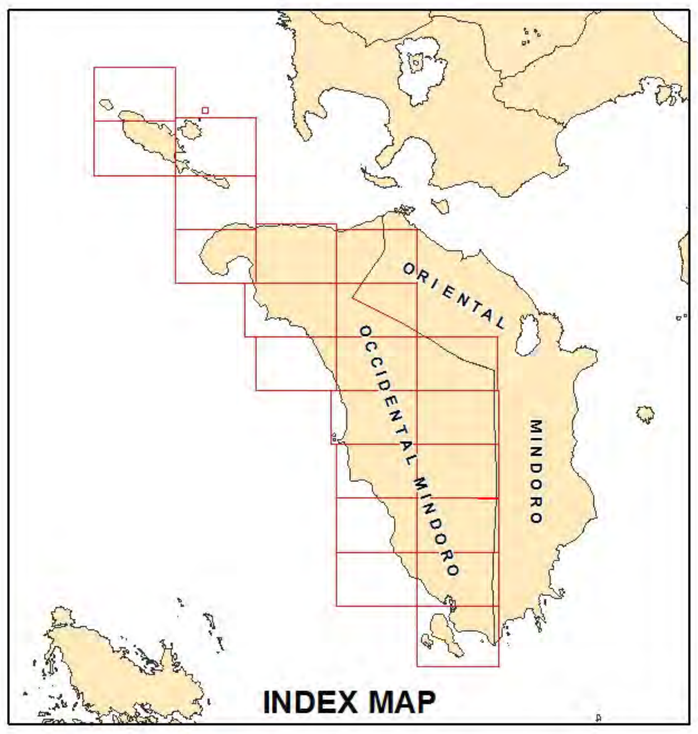
INDEX TO BOUNDARIES



INDEX MAP



LANDSLIDE SUSCEPTIBILITY MAP OF OCCIDENTAL MINDORO PROVINCE



LANDSLIDE SUSCEPTIBILITY CATEGORIES

High Susceptibility

Areas for which the combination of factors may adversely influence slope stability and create serious landslide problems. This category includes areas with existing or active landslides; steep natural slopes, particularly in weak geologic materials such as colluvial soil and old landslide debris; areas in or at the mouths of drainages; below cliffs or hills with outcrop of fractured rocks; and steep construction-related cut or fill slopes.

Moderate Susceptibility

Areas for which the combination of factors is less likely to adversely affect the stability of the existing ground. These areas usually have moderate slope with less weathered rock and colluvium cover. This category also includes grounds with no incidence of slope failure or areas with less variable potential for initiating a landslide on a slope.

Low Susceptibility

Areas for which the combination of factors is generally unlikely to adversely influence slope stability. Include terrains with low to gentle slopes and landforms of topographic lows such as valleys, deltas and floodplains.

Note:

This landslide susceptibility map can not be used to determine the hazard to any individual structures or site development. This map should not be used also as a substitute for detailed geologic / geotechnical site investigation.

LEGEND

- Municipality
- Barangay
- Road
- Rivers & Creeks
- Contour

CONTOUR INTERVAL: 100 METERS

N

10 5 0 10

Kilometers

Geographic Coordinate System
Luzon 1911 Datum

Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. IV - MIMAROPA
1515 Roxas Blvd., Ermita, Manila

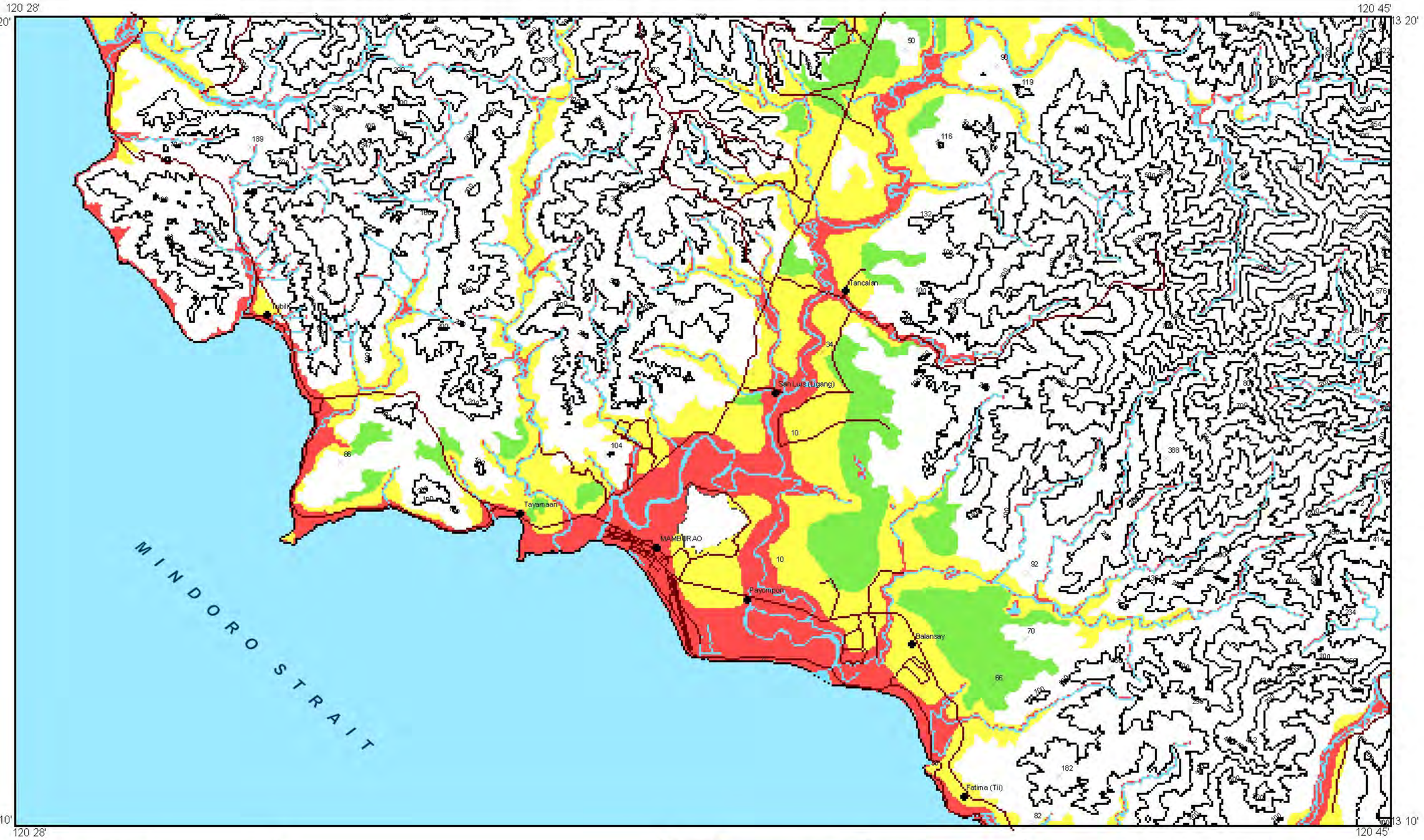
TOPOGRAPHIC MAP SOURCE

1. Talaotao 3060 I
2. Paluan Sheet 3060 II
3. Agcawayan 3061 II
4. Looc 3061 III
5. Lubang Island 3061 IV
6. Abra de Ilog Sheet 3160 III
7. Dulangan Sheet 3160 II
8. Mamburao Sheet 3159 IV
9. Sta. Cruz Sheet 3159 III
10. Barahan Sheet 3159 II
11. Caratungan 3159 I
12. Pandan Sheet 3158 I
13. Pasugui Sheet 3158 II
14. Calintaan Sheet 3157 I
15. Adela Sheet 3157 II
16. Pitogo Sheet 3257 IV
17. San Jose Sheet 3257 III
18. Ambulong Sheet 3256 IV
19. Mount Sinclair 3258 IV
20. Mount Baco 3258 III
21. Cagonbuac 3259 III

(National Mapping and Resource Information Authority)

FLOOD SUSCEPTIBILITY MAP OF MAMBURAO QUADRANGLE

120 28'
13 20'
120 45'
13 20'



13 10'
120 28'
120 45'
13 10'

LEGEND

- Barangay, Municipality
- Spot elevation
- River
- Road
- Contour

Flood Susceptibility Zonation

- High
- Medium
- Low
- None

CONTOUR INTERVAL : 100 METERS

N

0 2.5 5

Kilometers

Topographic Map Source:
Mamburao Sheet 3159 IV (NAMRIA)

Geographic Coordinate System - Luzon 1911 Datum

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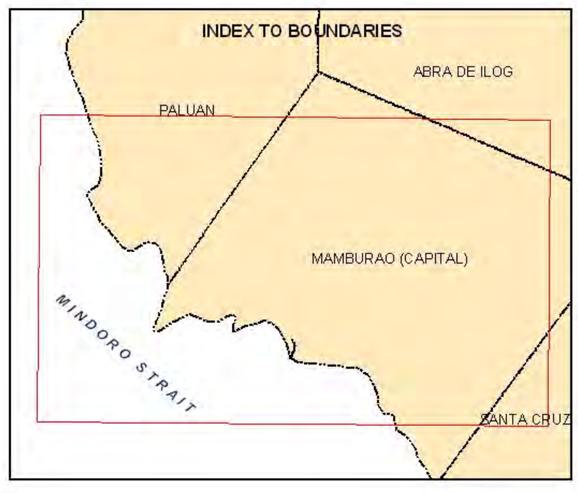
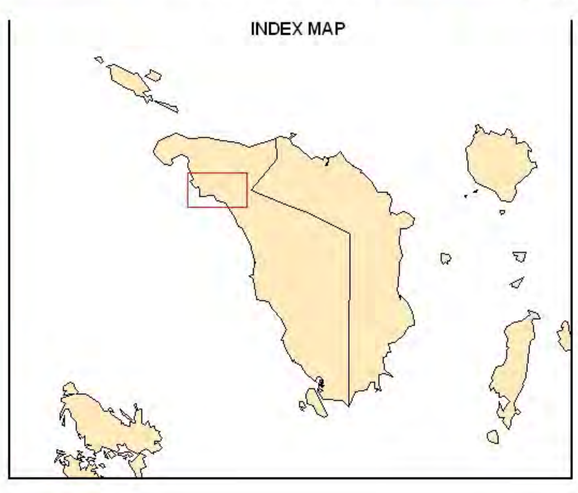
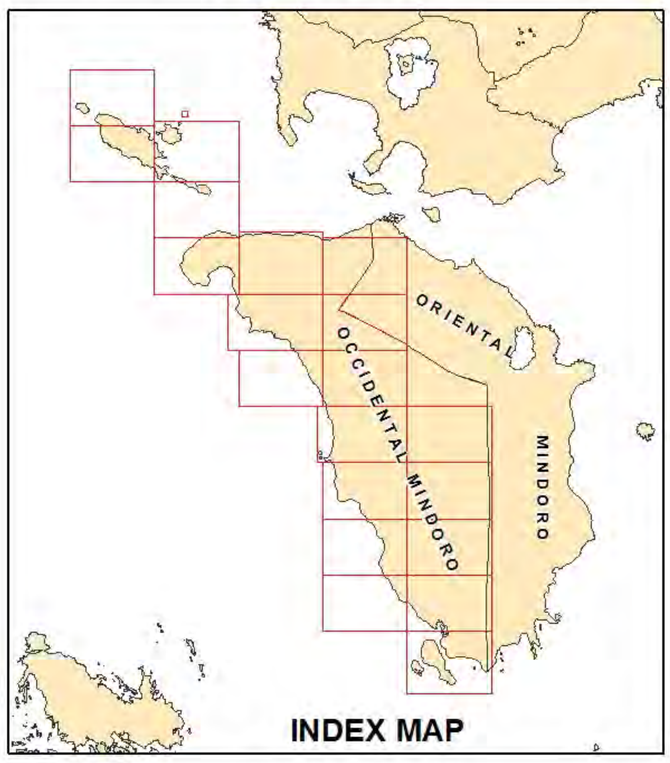
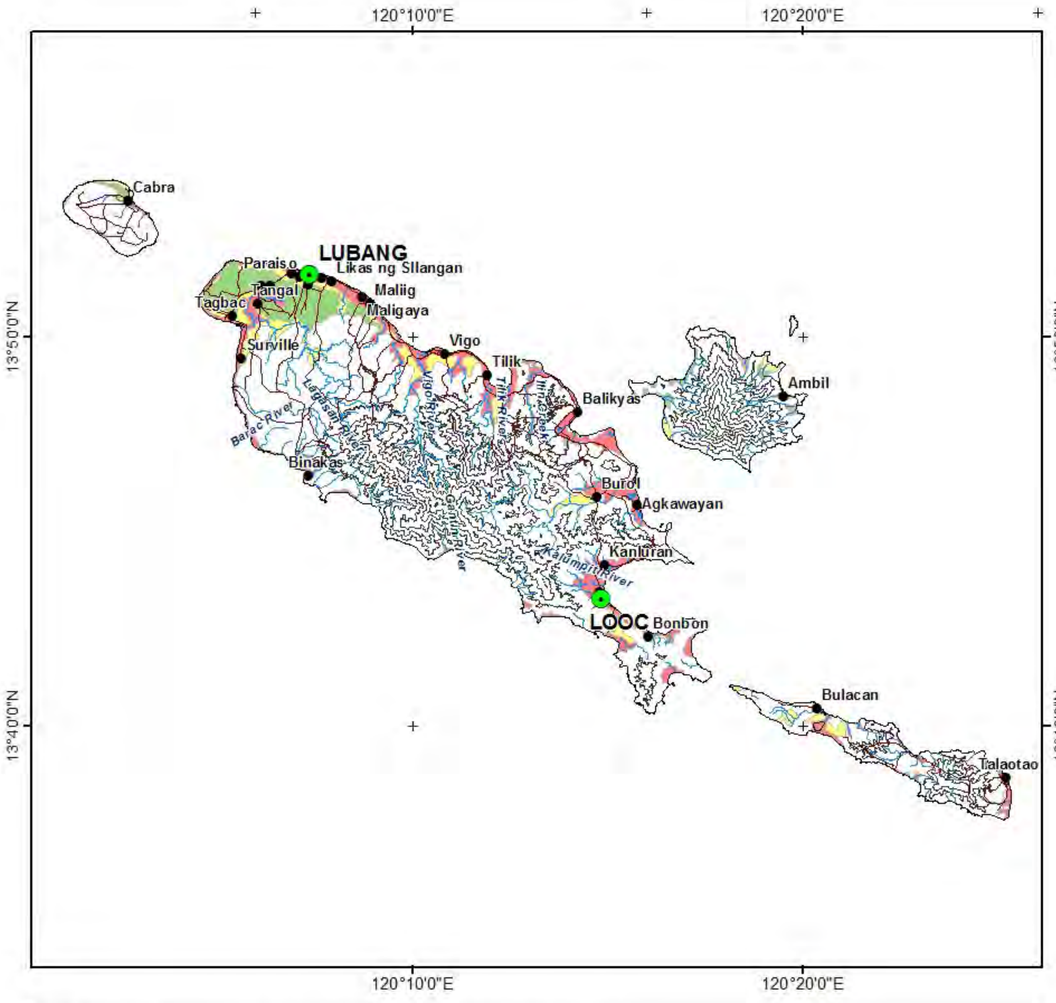




FLOOD SUSCEPTIBILITY MAP OF OCCIDENTAL MINDORO PROVINCE





FLOOD SUSCEPTIBILITY CATEGORIES

High Susceptibility

Areas for which the combination of factors is likely to create adverse flood and inundation problems. This category includes areas along large streams with very small channel slopes and broad floodplains; landforms of topographic lows, particularly active river systems, deltas, abandoned river channels, and areas adjacent to river banks; also include portions of the river system where channels are perched due to repeated deposition of sediments; and part of the coastal areas affected by storm surge and fluctuating sea tide levels.

Moderate Susceptibility

Areas for which the combination of factors is less likely to create serious flood problems. These areas are the less-inundated portion of the floodplains, deltas river terraces, and old channels; also include the less flood-prone areas near the coast.

Low Susceptibility

Areas for which the combination of factors is unlikely to create serious flood problems; include low lying topographic landforms least affected by flood and inundation.

No Susceptibility to Flooding Hazard

NOTE:

This flood susceptibility map should not be used as a substitute for detailed geologic / geotechnical site investigation.

LEGEND

- Municipality
- Barangay
- Road
- Rivers & Creeks
- Contour

CONTOUR INTERVAL : 100 METERS

N

10 5 0 10

Kilometers

Geographic Coordinate System
Luzon 1911 Datum

Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. IV - MIMAROPA
1515 Roxas Blvd., Ermita, Manila

TOPOGRAPHIC MAP SOURCE

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17. San Jose Sheet 3257 III
18. Ambulong Sheet 3256 IV
19. Mount Sinclair 3258 IV
20. Mount Baco 3258 III
21. Cagonbuac 3259 III

(National Mapping and Resource Information Authority)

FLOOD SUSCEPTIBILITY MAP OF PANDAN QUADRANGLE

120 44' 120 45' 121 00'

13 00' 12 50'

MINDORO STRAIT

APO EAST PASS

PANDAN BAY

Ilmta

Claudio Salgado

Victoria

Pandan

Tagumpay

Santo Nino

Ibud

Buenavista

SABLAYAN

San Vicente

Batong Buhay

LEGEND

- Municipality, Barangay
- Spot elevation
- River
- Road
- Contour

CONTOUR INTERVAL : 100 METERS

Flood Susceptibility Zonation

- High
- Moderate
- Low
- None

N

0 2.5 5

Kilometers

Topographic Map Source:
Pandan Sheet 3158 I (NAMRIA)

Geographic Coordinate System - Luzon 1911 Datum

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INDEX TO BOUNDARIES

SANTA CRUZ

MINDORO STRAIT

SABLAYAN

INDEX MAP

FLOOD SUSCEPTIBILITY MAP OF PASUGUI QUADRANGLE

120 45'
121 00'
12 50'
12 40'

Idarag River
Mongpong River
Mongpong River
Mongpong River
Pasugui River
Santa Lucia
San Nicolas
Lagnas
DONGON BAY
MINDORO STRAIT

LEGEND

- Barangay
- Spot elevation
- River
- Road
- Contour

Flood Susceptibility Zonation

- High
- Moderate
- Low
- None

CONTOUR INTERVAL : 100 METERS

N

0 2.5 5
Kilometers

Topographic Map Source:
Pasugui Sheet 3158 II (NAMRIA)

Geographic Coordinate System - Luzon 1911 Datum

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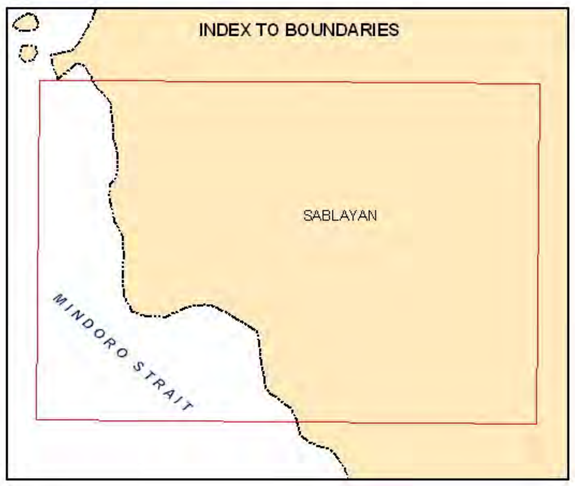
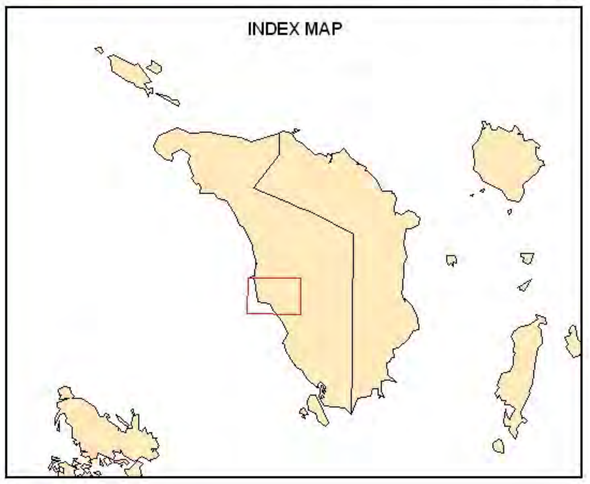
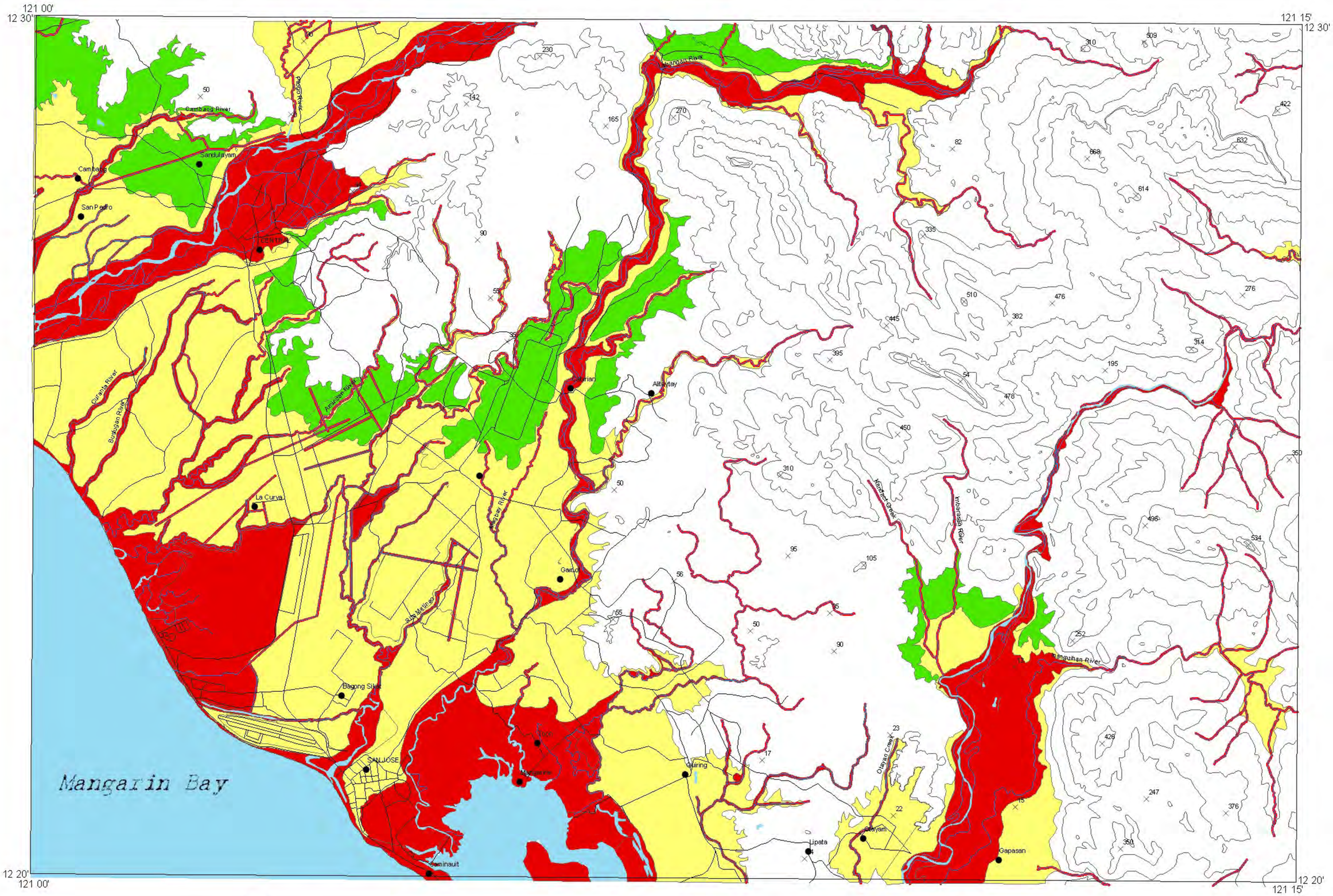
INDEX TO BOUNDARIES



INDEX MAP



FLOOD SUSCEPTIBILITY MAP OF SAN JOSE QUADRANGLE



LEGEND

- San Jose_Brgy
- Spot_elevation
- River
- Road

Flood Susceptibility Zonation

- High
- Moderate
- Low
- None

CONTOUR INTERVAL : 100 METERS

N

0 2.5 5

Kilometers

Topographic Map Source:
Calintaan Sheet 3157 I (NAMRIA)

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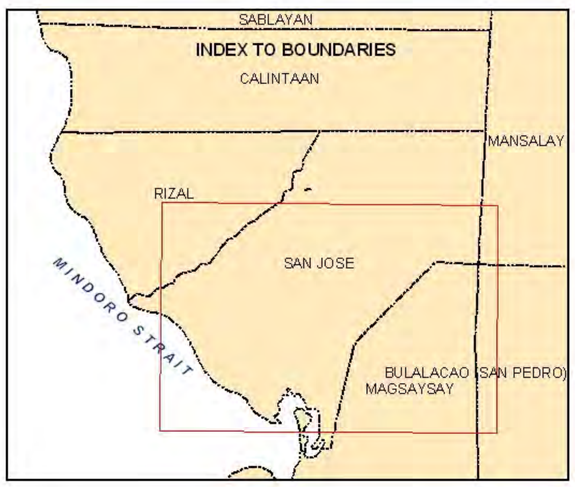
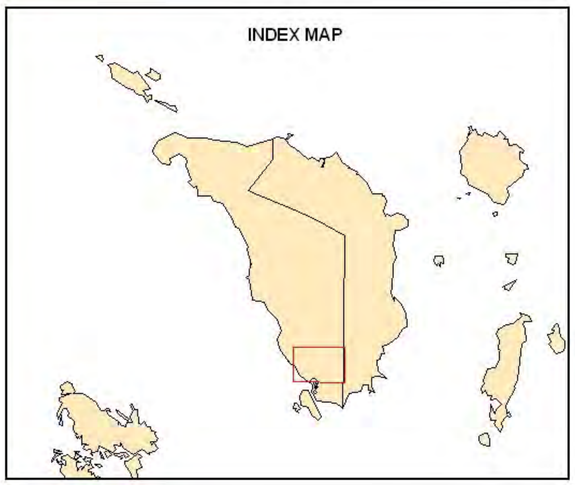


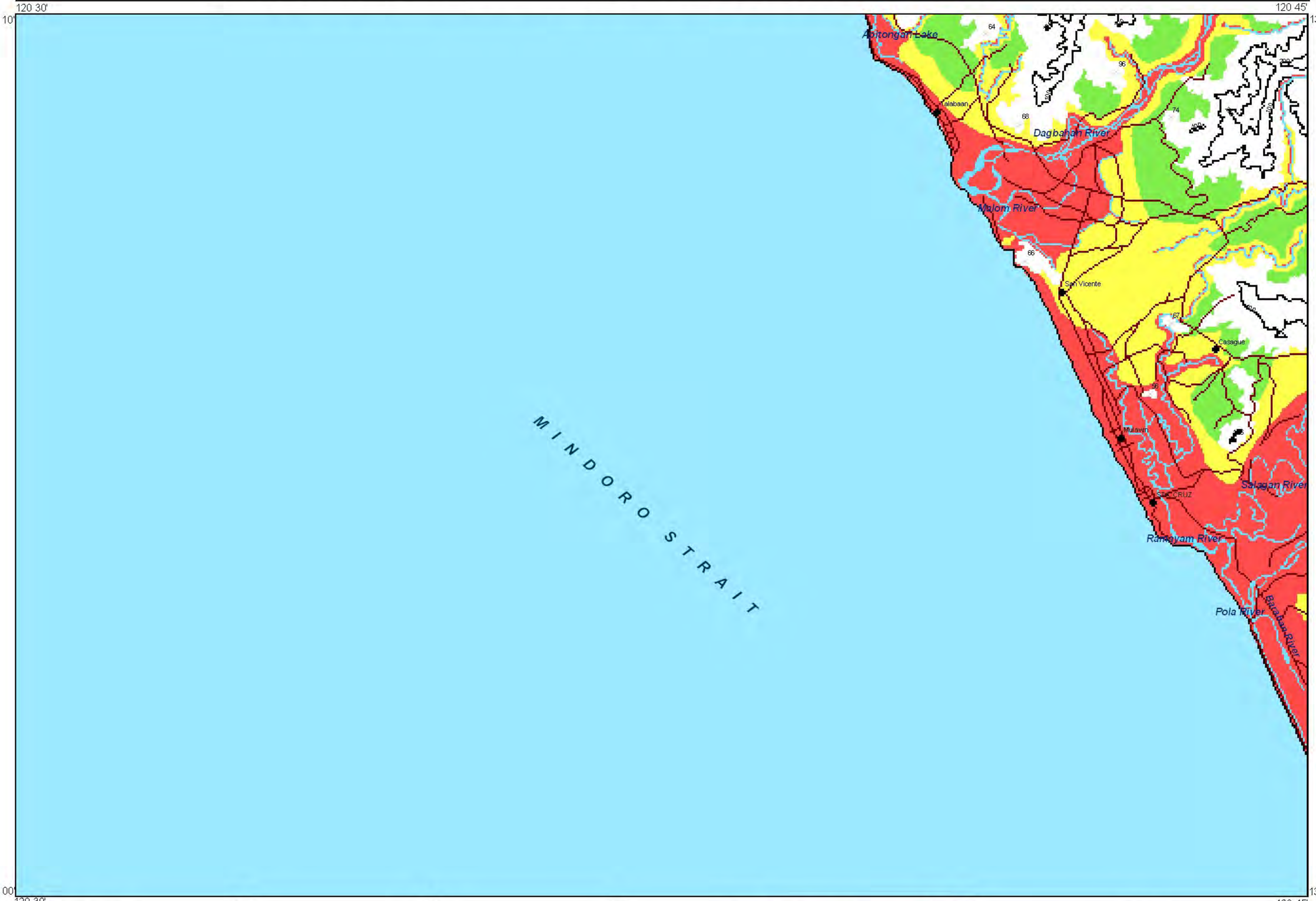


FLOOD SUSCEPTIBILITY MAP OF STA. CRUZ QUADRANGLE

120 30' 120 45'

13 10'

13 00'



LEGEND

- Municipality, Barangay
- Spot elevation
- River
- Road
- Contour

Flood Susceptibility Zonation

- High
- Medium
- Low
- None

CONTOUR INTERVAL : 100 METERS

N

0 2.5 5

Kilometers

Topographic Map Source:
Sta. Cruz Sheet 3159 III (NAMRIA)

Geographic Coordinate System - Luzon 1911 Datum

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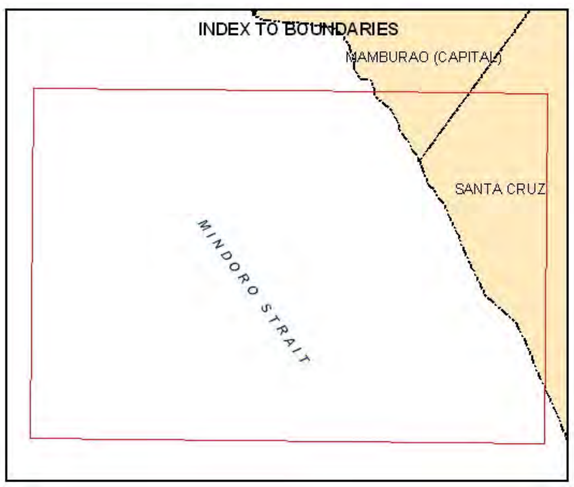
INDEX TO BOUNDARIES



INDEX MAP