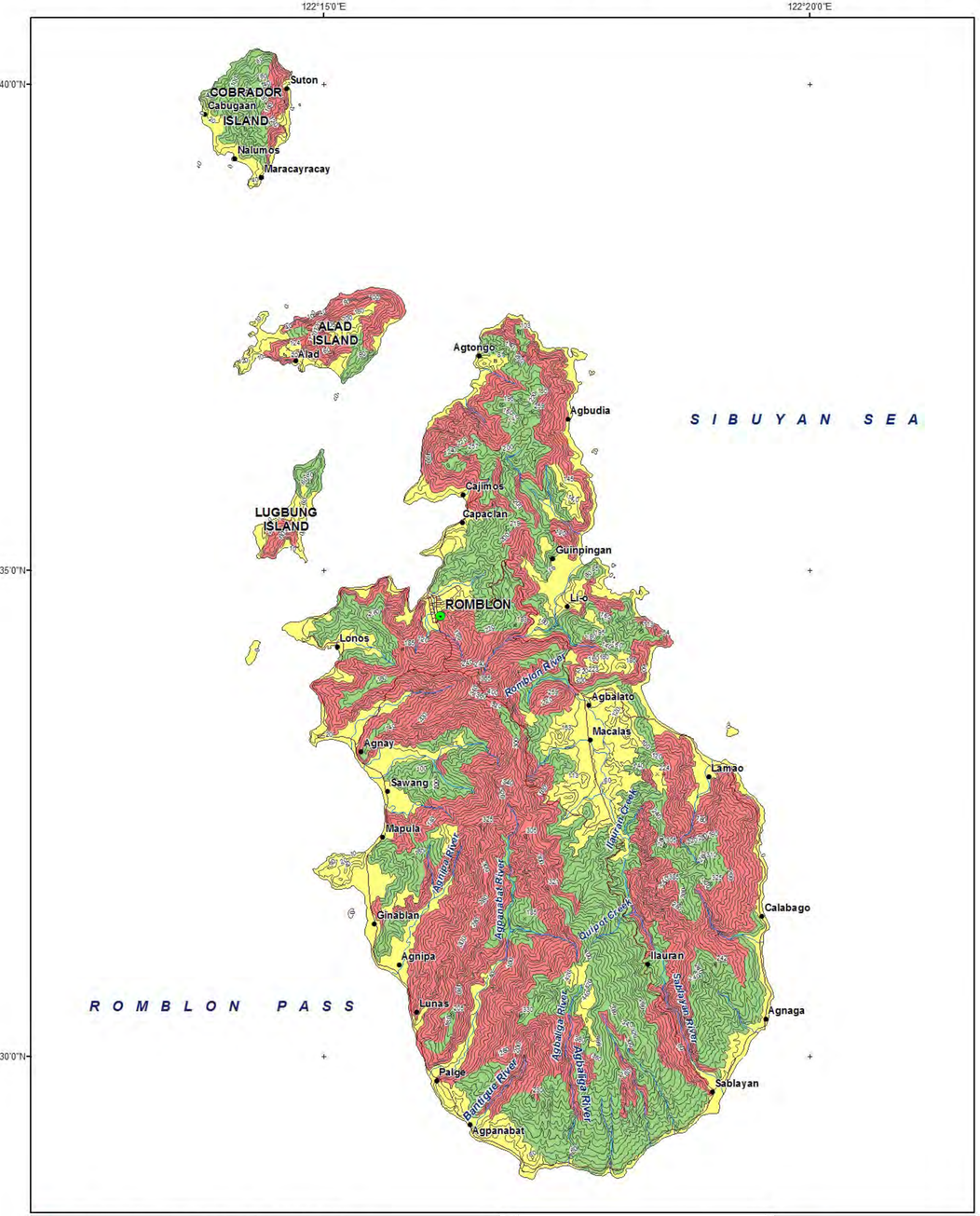
LANDSLIDE SUSCEPTIBILITY MAP OF ROMBLON ISLAND



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

- Municipal Proper
- Barangay
- Rivers & Creeks
- Road
- Contours

CONTOUR INTERVAL : 20 METERS

N

0 1 2
Kilometers
Scale 1:50,000

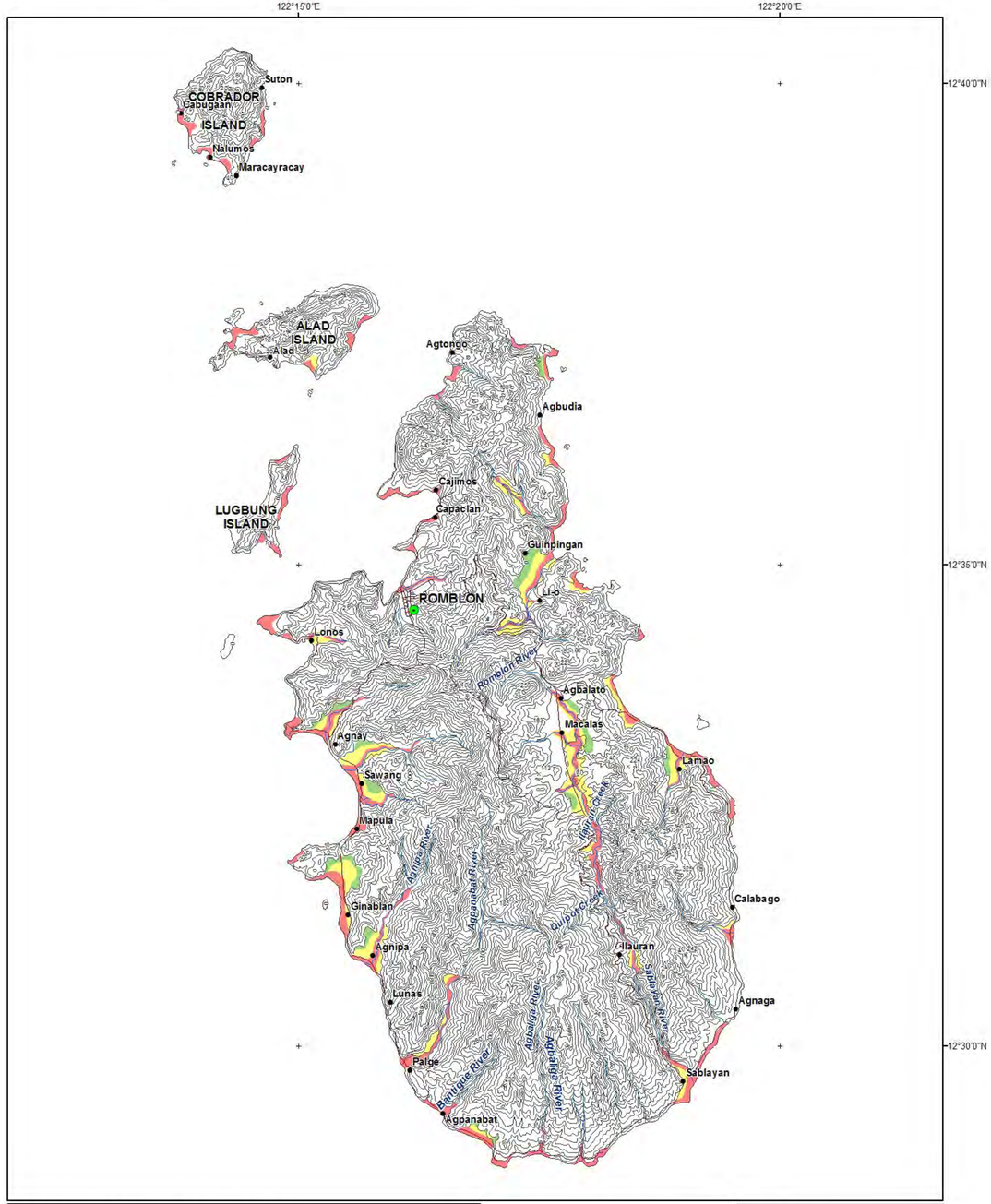
Topographic Map Sources:
1. Romblon Sheet 3457 I
2. Sablayan Sheet 3457 II

(National Mapping and Resource Information Authority)

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

FLOOD SUSCEPTIBILITY MAP OF ROMBLON ISLAND



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

- Municipal Proper
- Barangay
- Rivers & Creeks
- Road
- Contours

CONTOUR INTERVAL : 20 METERS

N

0 1 2
Kilometers
Scale 1:50,000

Topographic Map Sources:
1. Romblon Sheet 3457 I
2. Sablayan Sheet 3457 II

(National Mapping and Resource Information Authority)

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FLOOD SUSCEPTIBILITY MAP OF SIBUYAN ISLAND, ROMBLON PROVINCE

122°25'0"E 122°30'0"E 122°35'0"E 122°40'0"E

12°30'0"N 12°25'0"N 12°20'0"N

SIBUYAN SEA

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

- Municipal Proper
- Barangay
- Rivers & Creeks
- Road
- Contours

CONTOUR INTERVAL : 100 METERS

N

0 2 4
Kilometers

Scale 1:60,000

Topographic Map Sources:
1. Sablayan Sheet 3457 II
2. Cajidiocan Sheet 3557 III
3. San Fernando Sheet 3556 IV

(National Mapping and Resource Information Authority)

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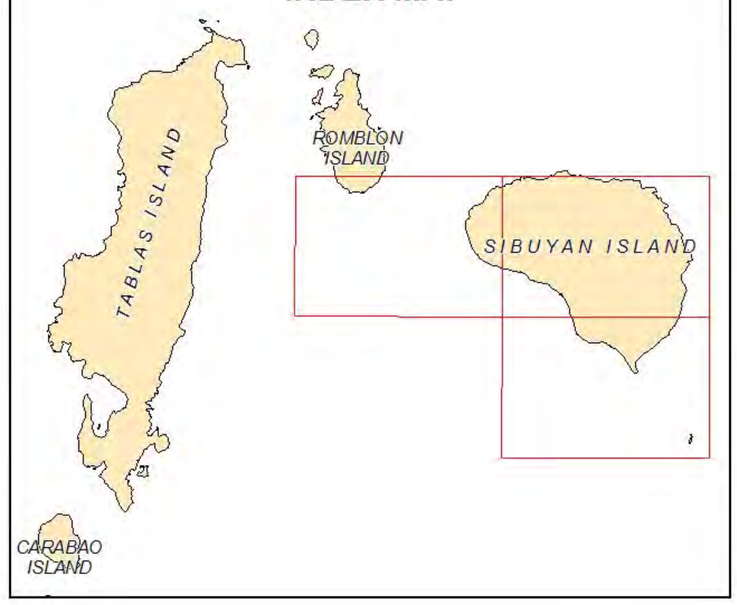
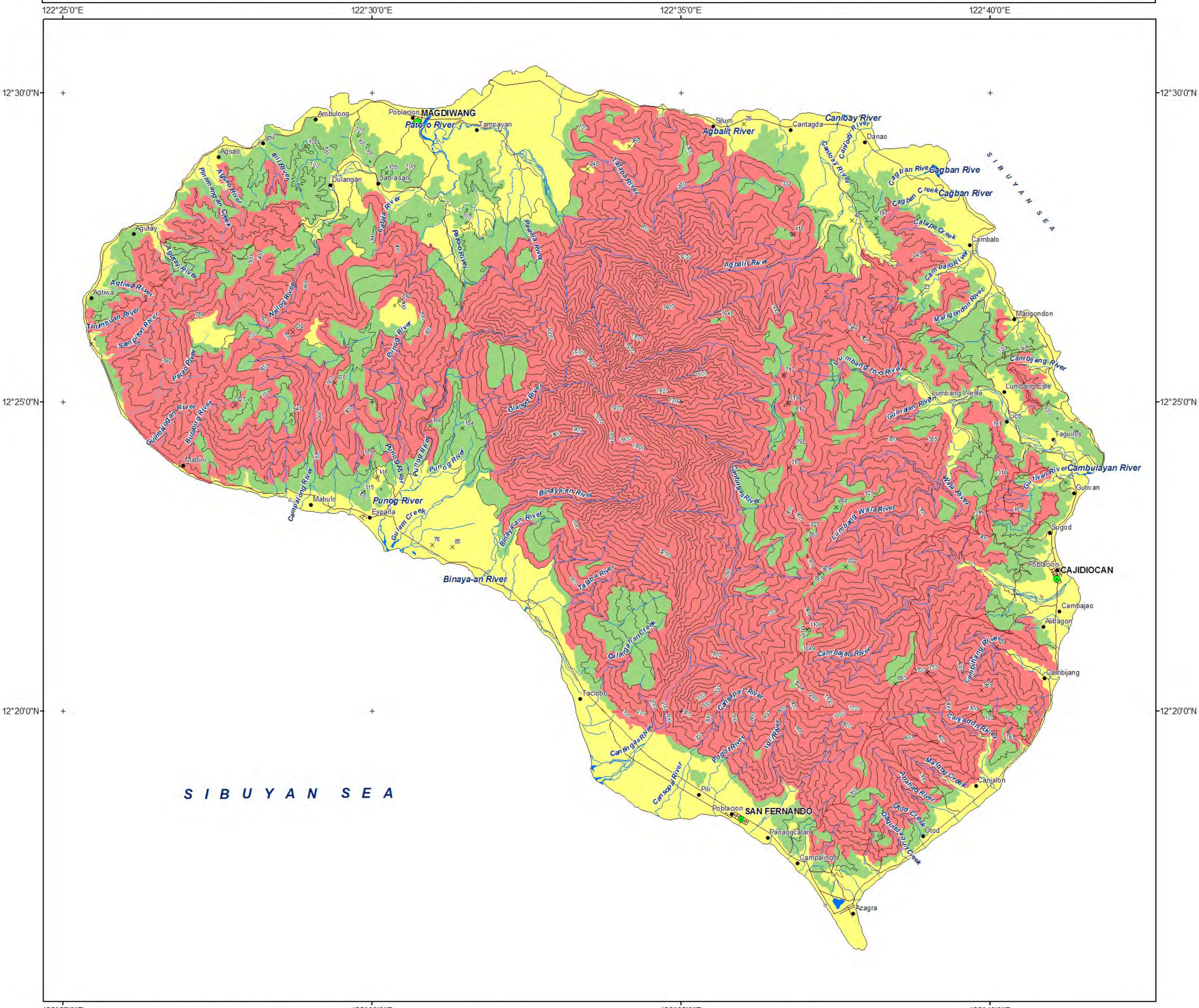
INDEX MAP



LANDSLIDE SUSCEPTIBILITY MAP OF SIBUYAN ISLAND, ROMBLON 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.

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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.

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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

- Municipal proper
- Barangay
- Rivers & Creeks
- Road
- Contours

CONTOUR INTERVAL : 100 METERS

N

0 2 4
Kilometers

Scale 1:60,000

Topographic Map Sources:
1. Sablayan Sheet 3457 II
2. Cajidiocan Sheet 3557 III
3. San Fernando Sheet 3556 IV

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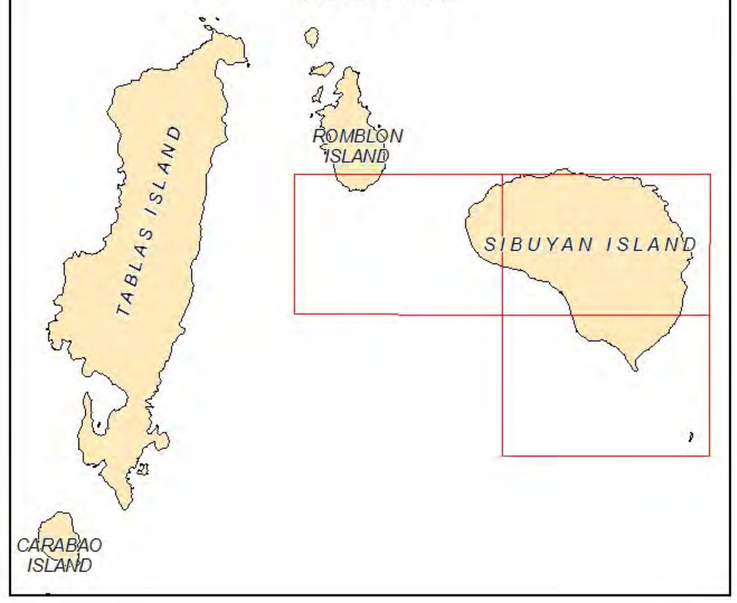
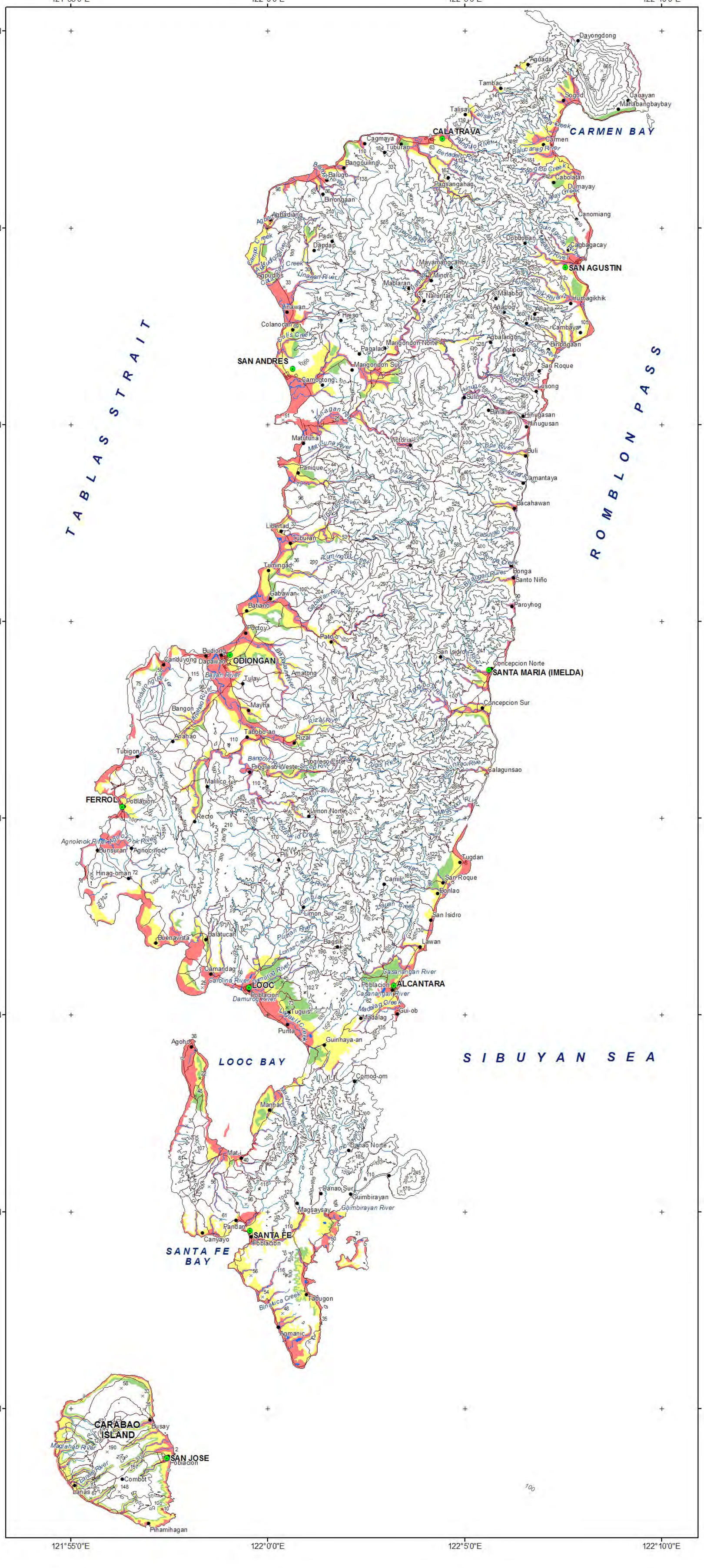
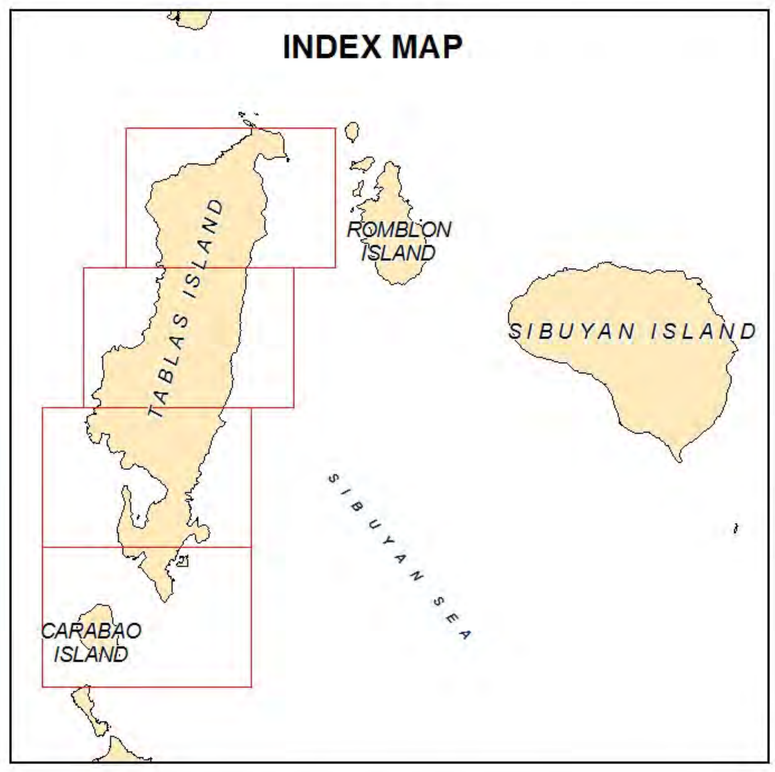
INDEX MAP



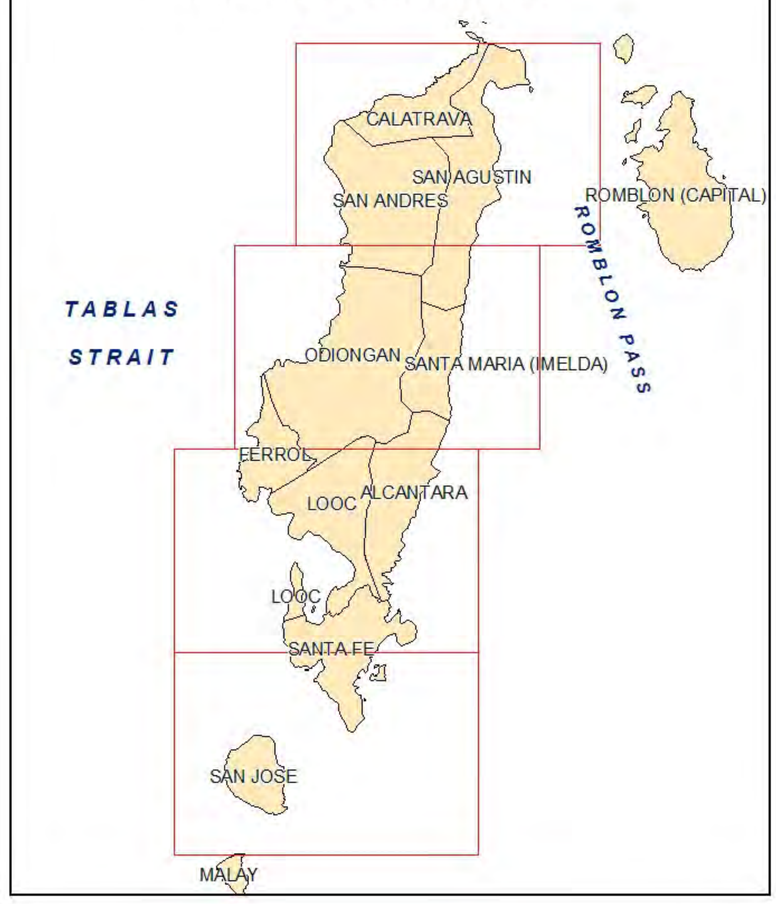
FLOOD SUSCEPTIBILITY MAP OF TABLAS ISLAND, ROMBLON PROVINCE



INDEX MAP



INDEX TO BOUNDARIES



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.

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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

- Municipal Proper
- Barangay
- River & Creeks
- Road
- Contours

CONTOUR INTERVAL : 100 METERS

N

0 5 10

Kilometers

Topographic Map Sources:
1. Badajoz Sheet 3457 IV
2. Odiongan Sheet 3457 III
3. Looc Sheet 3356 I
4.Carabao Island Sheet 3356 II

(National Mapping and Resource Information Authority)

Geographic Coordinate System - Luzon 1911 Datum

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LANDSLIDE SUSCEPTIBILITY MAP OF TABLAS ISLAND, ROMBLON PROVINCE

121°55'0"E 122°0'0"E 122°5'0"E 122°10'0"E

12°40'0"N 12°35'0"N 12°30'0"N 12°25'0"N 12°20'0"N 12°15'0"N 12°10'0"N 12°5'0"N

TABLAS STRAIT
ROMBLON PASS
CARMEN BAY
SIBUYAN SEA
LOOC BAY
SANTA FE BAY

CALATRAVA
SAN ANDRES
ODIONGAN
FERROL
LOOC
ALCANTARA
SAN AGUSTIN
SANTA MARIA (IMELDA)
SANTA FE
CARABAO ISLAND
SAN JOSE

Dayongdong, Aguada, Tambac, Sogod, Cauayan, Mahabangbaybay, Talisay, Cagmaya, Tuburan, Bangquiling, Binongaan, Pagsangahan, Carmen, Cabolatan, Canomiang, Padir, Dapdap, Dobdoban, Mayamangcahoy, Minoro, Mablaran, Narungtan, Malabog, Humagikhik, Linawan, Hiso, Colanocan, Anapog, Naga, Cambaya, Pagalad, Marigondon-Norte, Agtipod, Binongaan, Marigondon Sur, Camogtong, San Roque, Lusong, Suli, Bailan, Hinugasan, Hinugusan, Matutuna, Victoria, Buli, Panique, Camantaya, Bacahawan, Libertad, Tuburan, Tumingad, Bonga, Santo Niño, Gabawan, Batiano, Paroyhog, Poctoy, Pato-o, Budiong, Dapawan, San Isidro, Concepcion Norte, Canduyong, Amatong, Tulay, Concepcion Sur, Mayha, Bangon, Tabobo-an, Rizal, Anahao, Tubigon, Progreso Este, Progreso Weste, Malilico, Poblacion, Limon Norte, Recto, Tugdan, Bunsuran, Agnoc-noc, Pili, Camili, San Roque, Hinag-oman, Bonlao, Limon Sur, San Isidro, Buenavista, Balatucan, Bagsik, Lawan, Camandag, Poblacion, Poblacion, Tuguis, Madalag, Gui-ob, Punta, Guinhaya-an, Agohod, Comod-om, Manhac, Mat-i, Dainao Norte, Dainao Sur, Guimbirayan, Magsaysay, Randan, Canyayo, Tabugon, Agmanic, Busay, Combot, Lanas, Pinamihagan

Rivers & Creeks: Agbagting River, Aguddos River, Camp Creek, Canduyong River, Linawan River, Colanocan Creek, Cali's Creek, Tanagan River, Matutuna River, Panique River, Libertad River, Tumingad Creek, Gabawan River, Batiano River, Poctoy River, Budiong River, Dapawan River, Bayan River, Canduyong River, Anahao River, Bangon River, Tubigon Creek, Agnoknok River, Carolina River, Damurog River, Lanas River, Meglahab River, Binabuca Creek, Guimbirayan River, Catalog River, Sicop River, Cogon River, Limon Creek, Lumbia Creek, Pustan River, Lunas Creek, Tuguis Creek, Casanangan River, Agtipod River, Bonga Creek, Cabuyao Creek, Big Panaytay Creek, Bun River, Victoria Creek, Tanagan River, Hinugusan River, Lusong River, Suli River, Bailan River, Camogtong Creek, Marigondon Sur River, Pagalad River, Naga River, Binongaan River, Humagikhik River, Malabog River, Narungtan River, Mablaran River, Minoro River, Mayamangcahoy River, Dobdoban River, Canomiang River, Cabolatan Creek, Balucanag River, Carmen River, Talisay River, Tambac River, Aguada River, Dayongdong River, Sogod River, Cauayan River, Mahabangbaybay River

Roads: Tambac - Aguada, Talisay - Cagmaya, Cagmaya - Tuburan, Tuburan - Bangquiling, Bangquiling - Binongaan, Binongaan - Pagsangahan, Pagsangahan - Cabolatan, Cabolatan - Canomiang, Canomiang - Dobdoban, Dobdoban - Mayamangcahoy, Mayamangcahoy - Mablaran, Mablaran - Narungtan, Narungtan - Malabog, Malabog - Humagikhik, Humagikhik - Anapog, Anapog - Naga, Naga - Cambaya, Cambaya - Binongaan, Binongaan - Agtipod, Agtipod - San Roque, San Roque - Lusong, Lusong - Suli, Suli - Bailan, Bailan - Hinugasan, Hinugasan - Hinugusan, Hinugusan - Victoria, Victoria - Buli, Buli - Camantaya, Camantaya - Bacahawan, Bacahawan - Bonga, Bonga - Santo Niño, Santo Niño - Paroyhog, Paroyhog - Concepcion Norte, Concepcion Norte - Concepcion Sur, Concepcion Sur - Calagunsao, Calagunsao - Tugdan, Tugdan - San Roque, San Roque - Bonlao, Bonlao - San Isidro, San Isidro - Lawan, Lawan - Gui-ob, Gui-ob - Madalag, Madalag - Guinhaya-an, Guinhaya-an - Punta, Punta - Tuguis, Tuguis - Poblacion, Poblacion - Camandag, Camandag - Balatucan, Balatucan - Buenavista, Buenavista - Limon Sur, Limon Sur - Limon Norte, Limon Norte - Poblacion, Poblacion - Recto, Recto - Malilico, Malilico - Progreso Weste, Progreso Weste - Progreso Este, Progreso Este - Tubigon, Tubigon - Anahao, Anahao - Tabobo-an, Tabobo-an - Rizal, Rizal - Mayha, Mayha - Amatong, Amatong - Tulay, Tulay - Poblacion, Poblacion - Budiong, Budiong - Dapawan, Dapawan - Canduyong, Canduyong - Bangon, Bangon - Hinag-oman, Hinag-oman - Agnoc-noc, Agnoc-noc - Bunsuran, Bunsuran - Pili, Pili - Limon Norte, Limon Norte - Poblacion, Poblacion - Tugdan, Tugdan - Camili, Camili - San Roque, San Roque - Bonlao, Bonlao - San Isidro, San Isidro - Lawan, Lawan - Gui-ob, Gui-ob - Madalag, Madalag - Guinhaya-an, Guinhaya-an - Punta, Punta - Tuguis, Tuguis - Poblacion, Poblacion - Camandag, Camandag - Balatucan, Balatucan - Buenavista, Buenavista - Limon Sur, Limon Sur - Bagsik, Bagsik - Lawan, Lawan - San Isidro, San Isidro - Bonlao, Bonlao - San Roque, San Roque - Camili, Camili - Pili, Pili