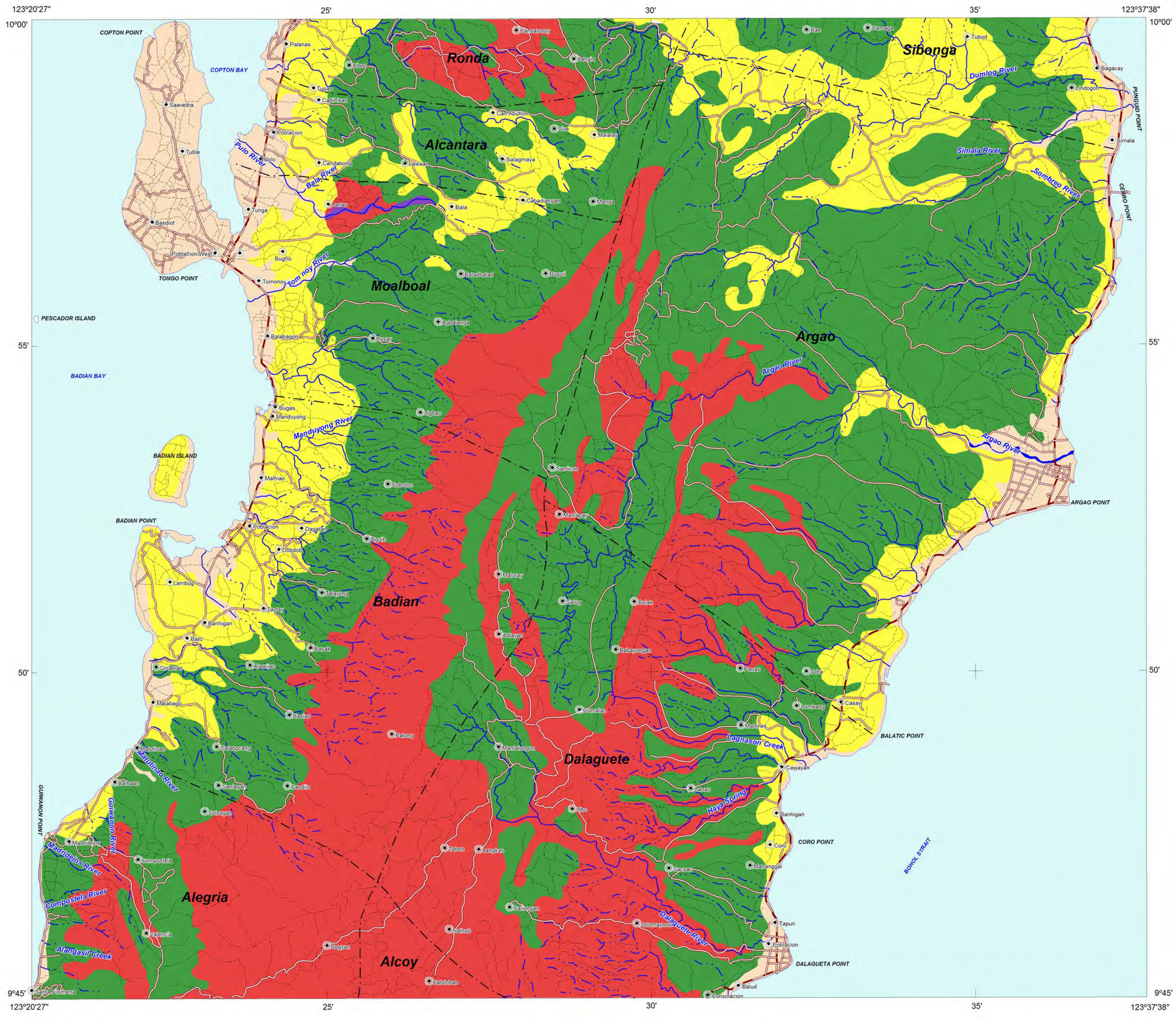
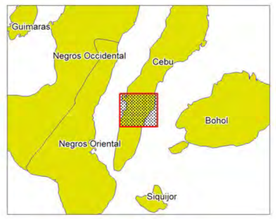
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF ARGAO QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**High susceptibility to flooding**

Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3620 I "Argao Quadrangle"

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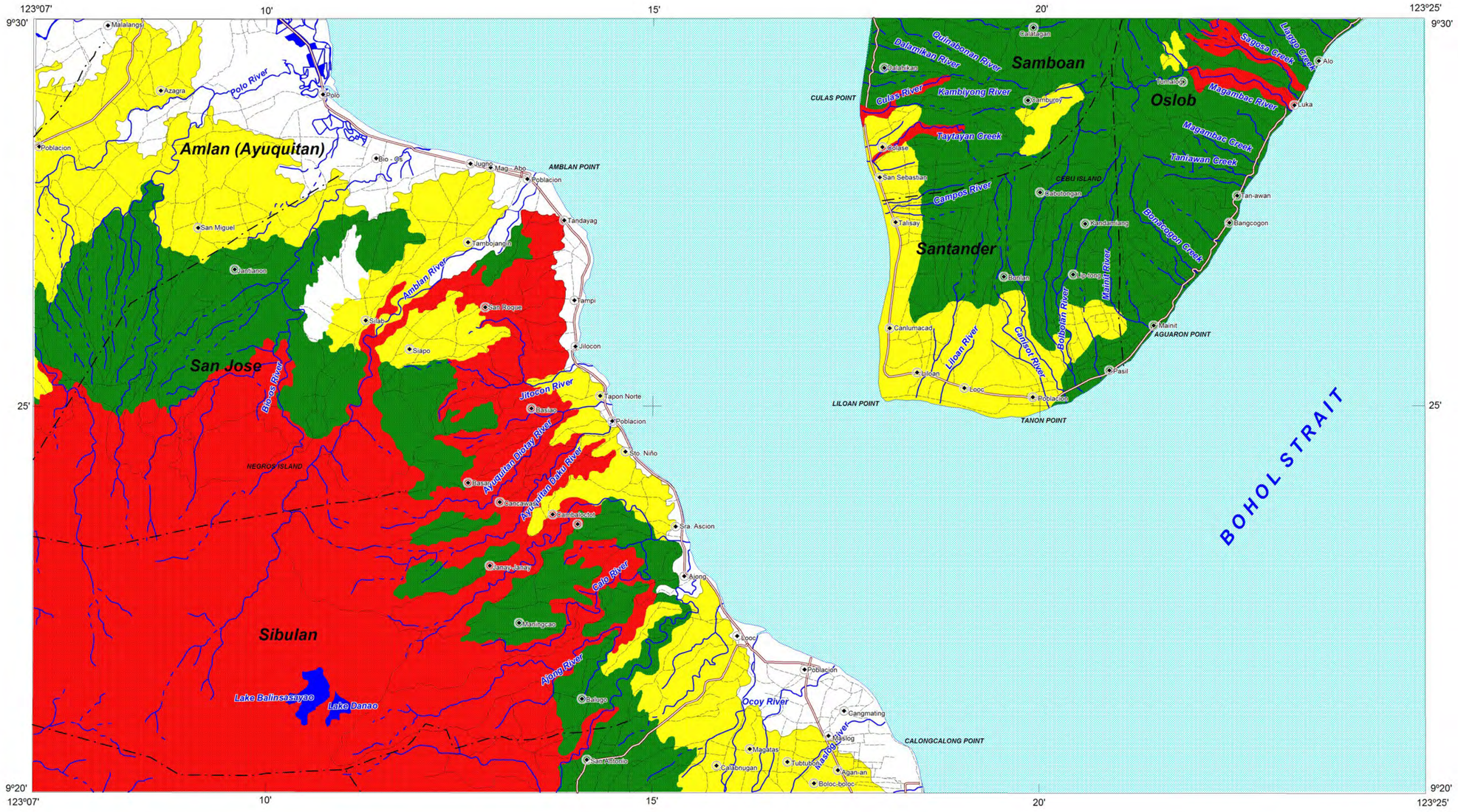
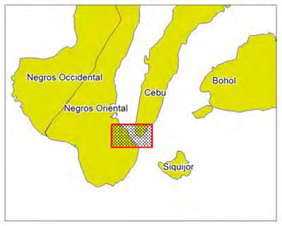
# LANDSLIDE SUSCEPTIBILITY MAP OF AYUQUITAN QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3648 III "Ayuquitan Quadrangle"

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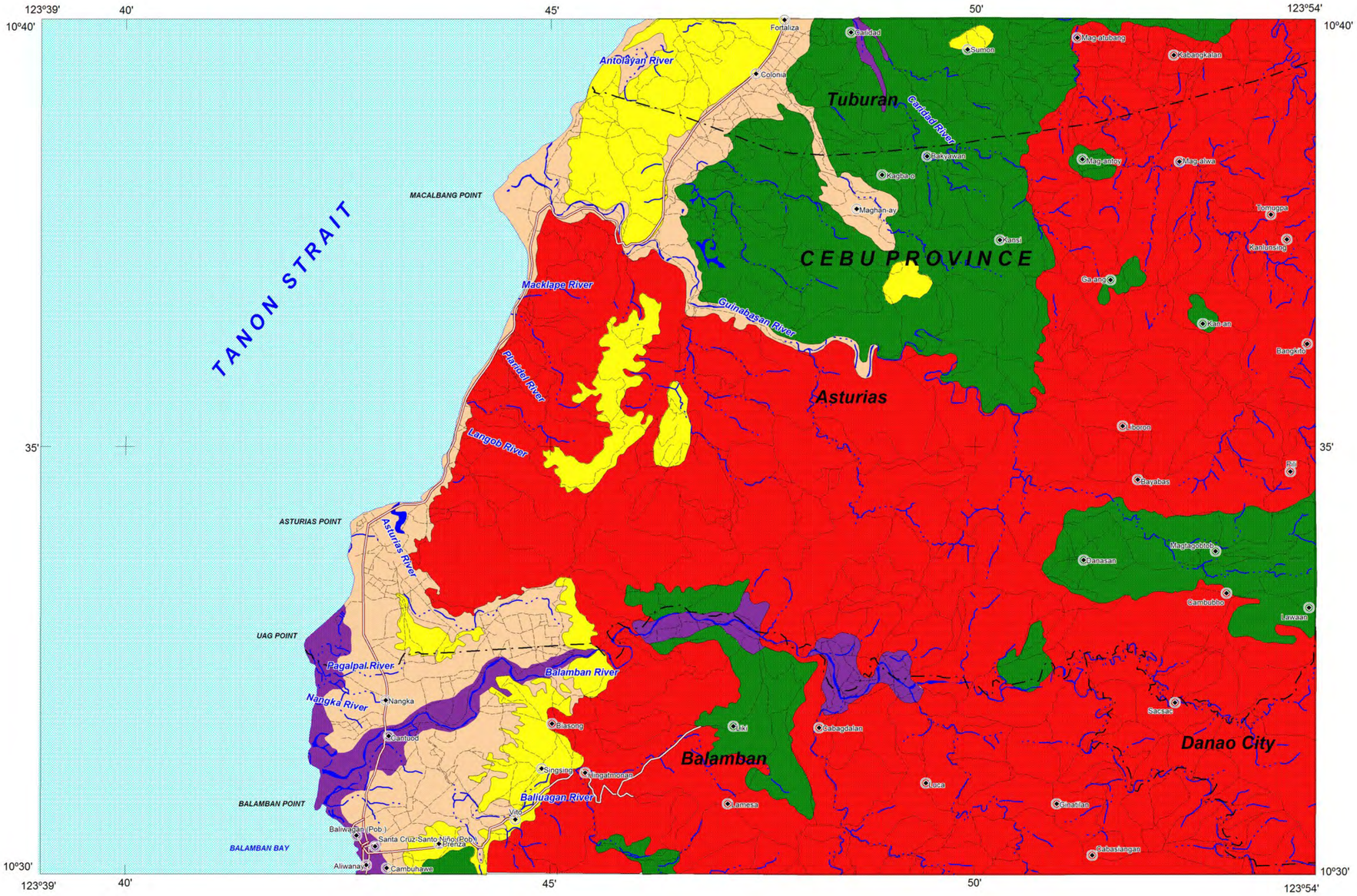
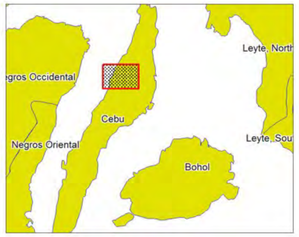
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF BALAMBAN QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**High susceptibility to flooding**

Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads
River
Municipal boundary
Barangay center location

N
W E
0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3751 I "Balamban Quadrangle"

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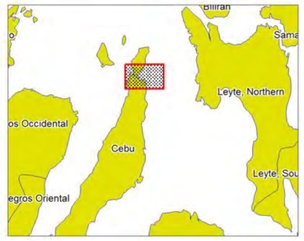
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF BOGO QUADRANGLE
# CEBU PROVINCE, PHILIPPINES

INDEX MAP




**LEGEND :**

**Moderate Susceptibility to Landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low Susceptibility to Landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3853 III "Bogo Quadrangle"

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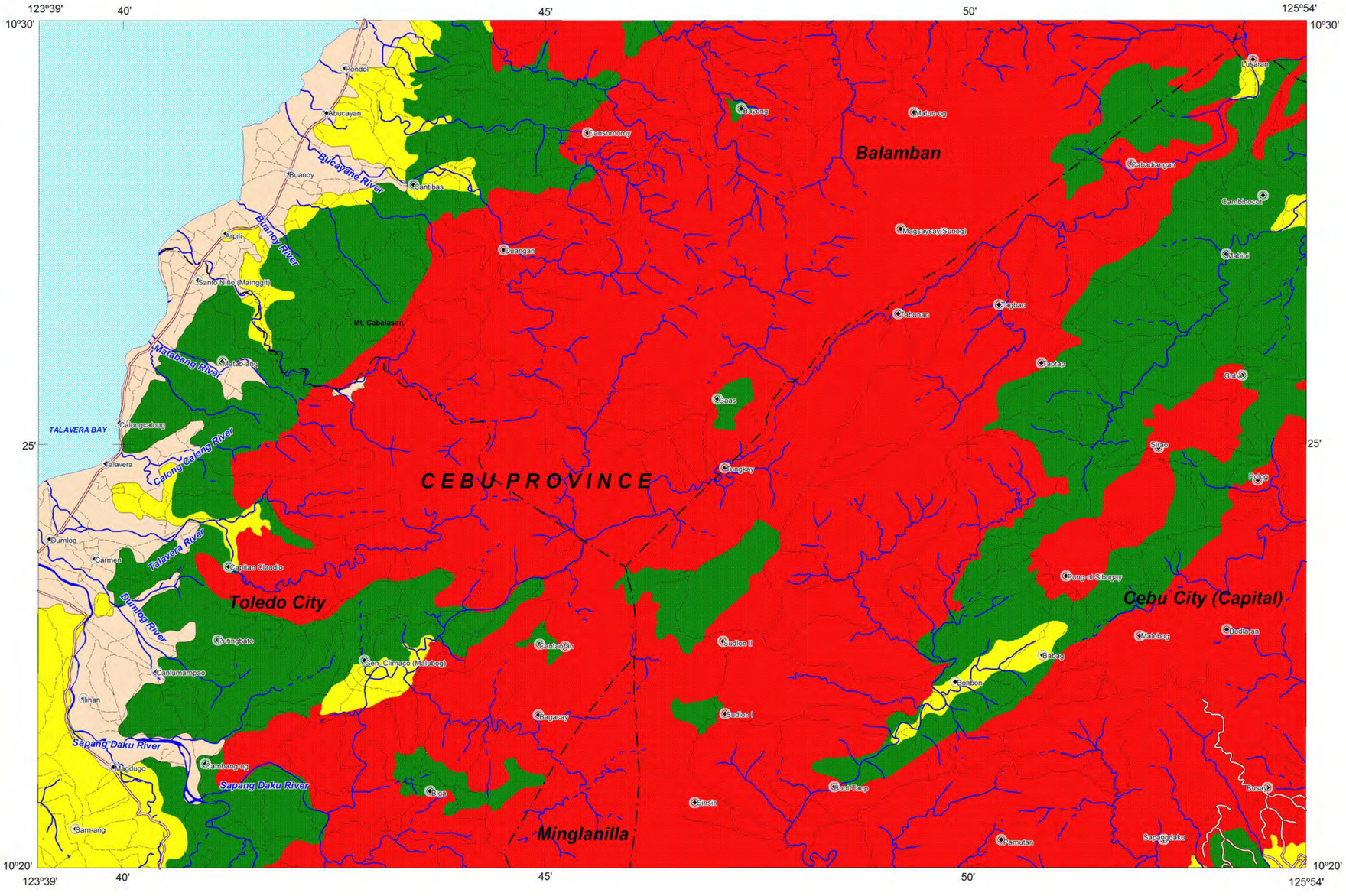
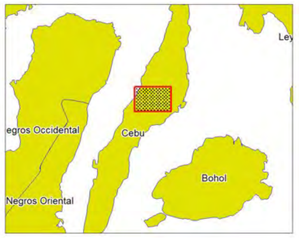
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF BUANOY QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High Susceptibility to Landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate Susceptibility to Landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low Susceptibility to Landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3751 II "Buanoy Quadrangle"

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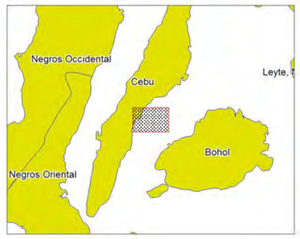
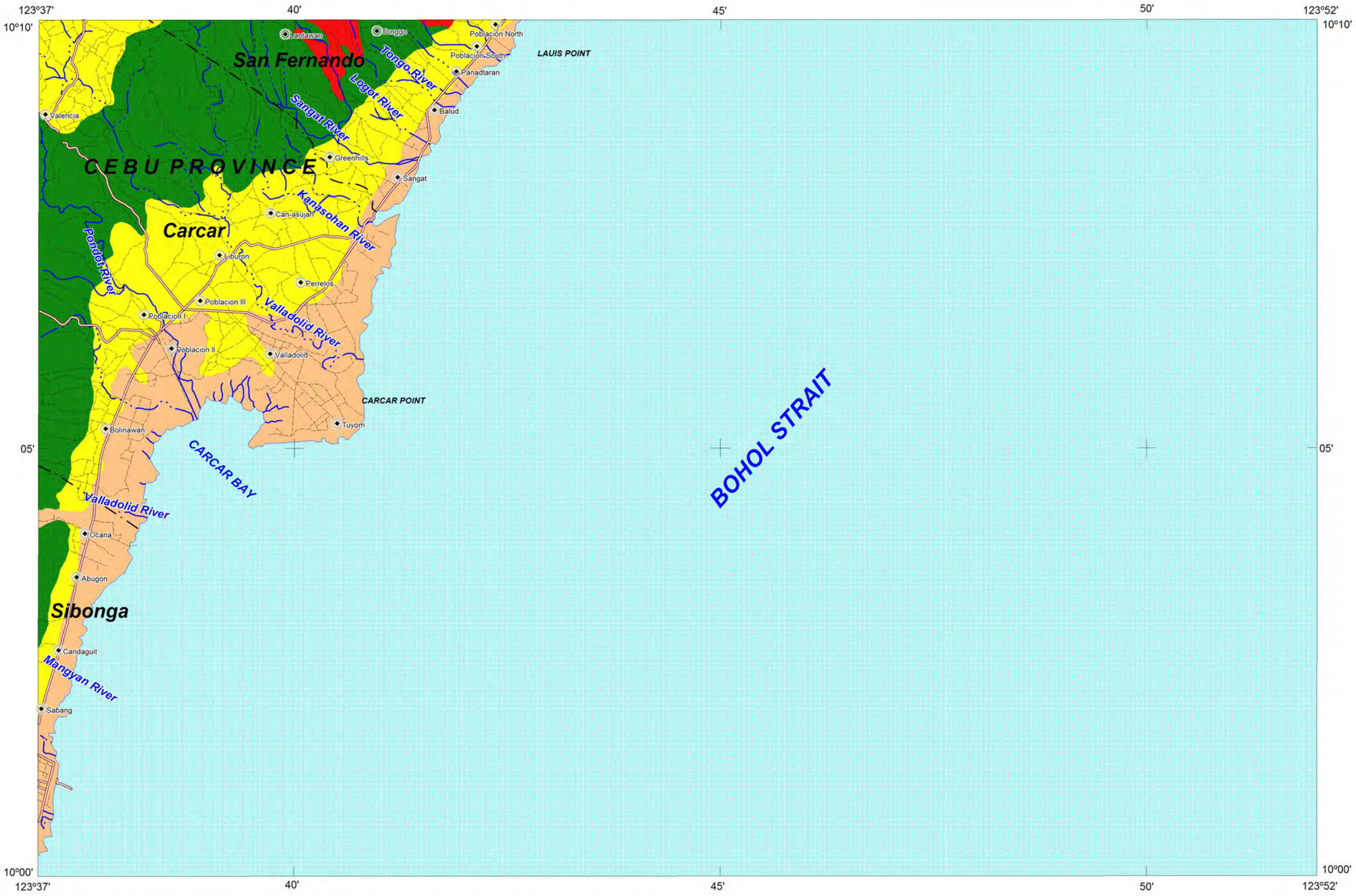
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF CARCAR QUADRANGLE
# CEBU PROVINCE, PHILIPPINES

INDEX MAP




**LEGEND :**

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3750 III "Carcar Quadrangle"

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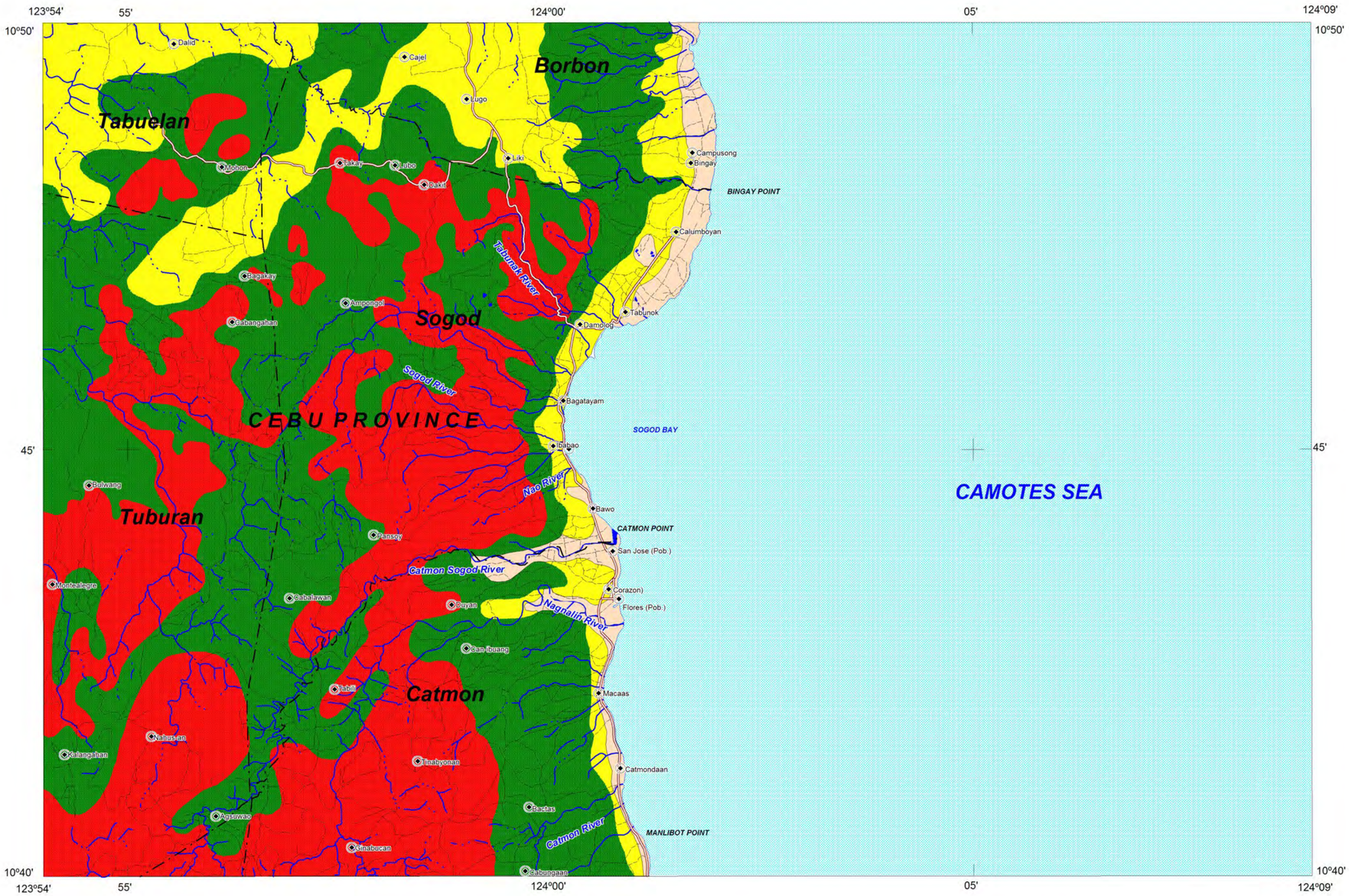
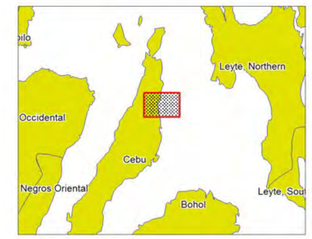
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF CATMON QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3852 III "Catmon Quadrangle"

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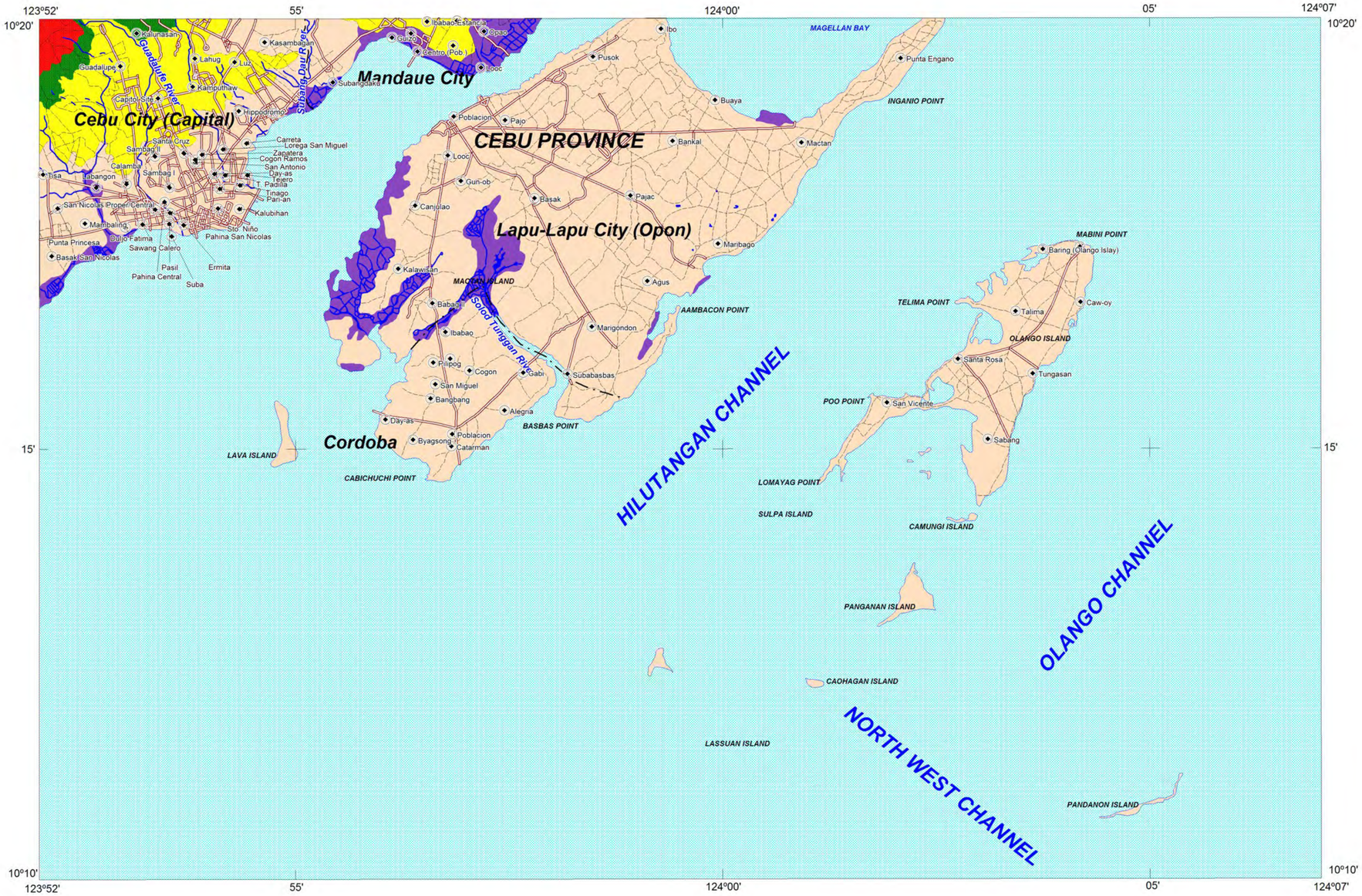
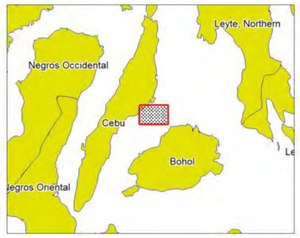
# LANDSLIDE AND FLOODSUSCEPTIBILITY MAP OF CEBU QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High Susceptibility to Landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate Susceptibility to Landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low Susceptibility to Landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**High susceptibility to flooding**

Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3750 I "Cebu Quadrangle"

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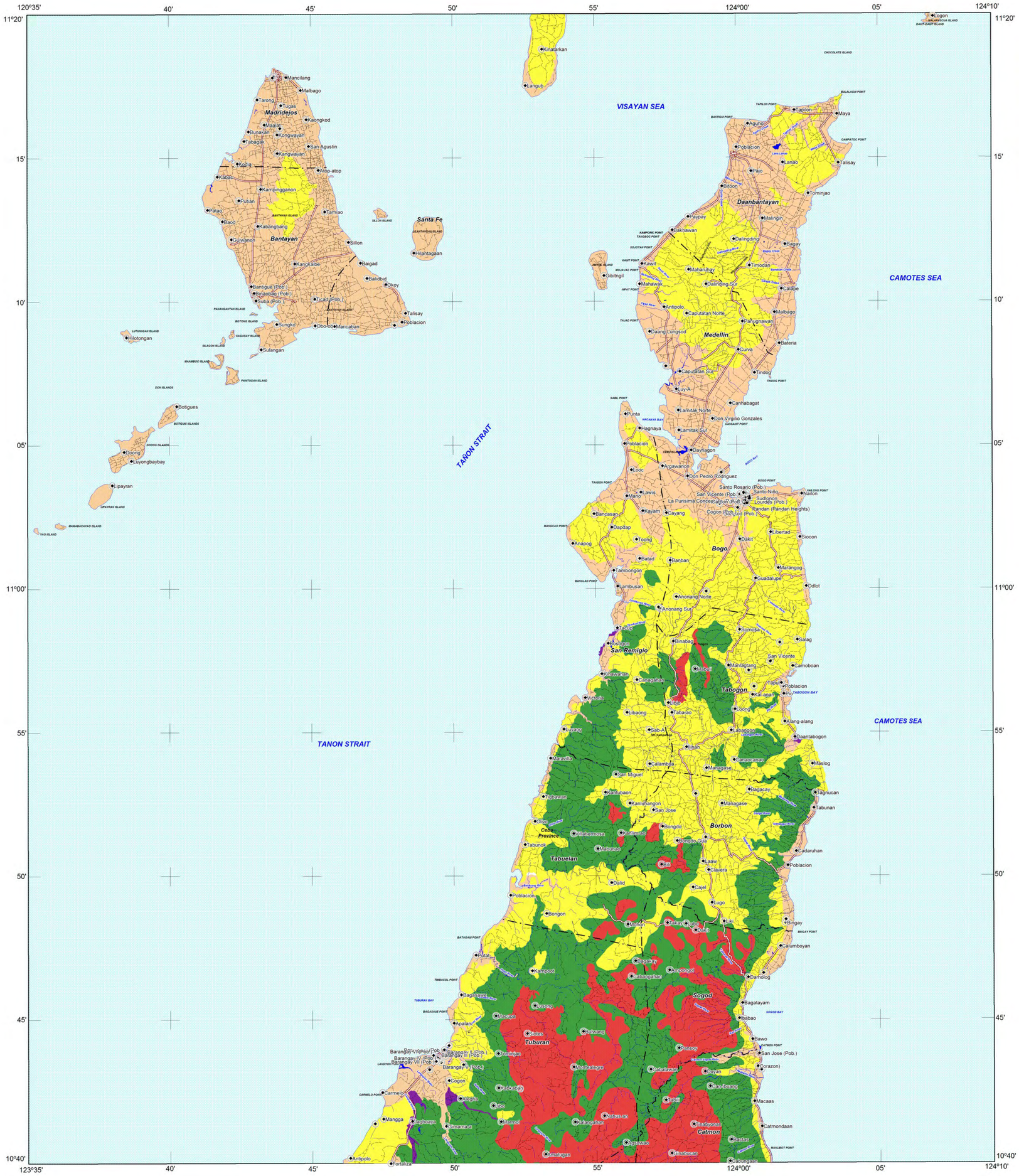
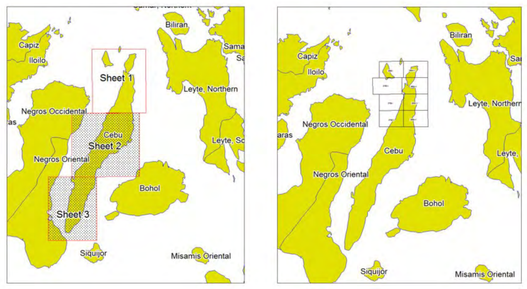
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF CEBU PROVINCE, PHILIPPINES

**Sheet No. 1**




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**High susceptibility to flooding**

Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

**Low susceptibility to flooding**

Areas with 0 to 0.5 meter flood height such as low hills and gentle slopes. They also have sparse to moderate drainage density.

Main Road
Secondary Road
Trail
River
Municipal boundary
Barangay center location

N
W E
S

0 5 10
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:100, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3753 I "Madridejos Quadrangle"
Sheet No. 3854 IV "Daanbantayan Quadrangle"
Sheet No. 3753 II "Santa Fe Quadrangle"
Sheet No. 3853 III "Bogo Quadrangle"
Sheet No. 3752 I "Maravilla Quadrangle"
Sheet No. 3852 IV "Tabogon Quadrangle"
Sheet No. 3752 II "Tuburan Quadrangle"
Sheet No. 3852 III "Catmon Quadrangle"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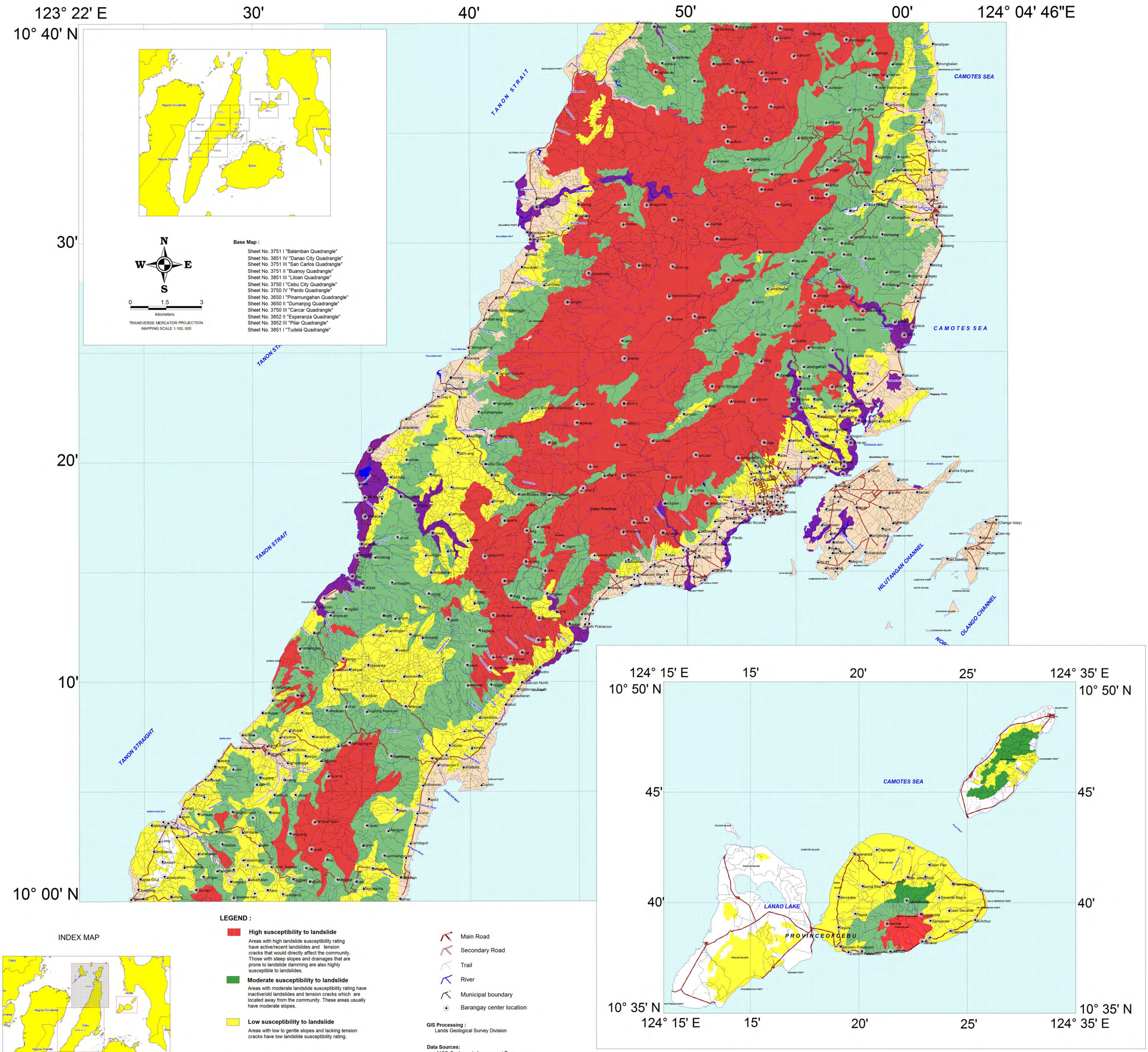
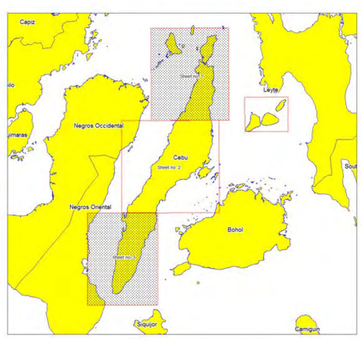
Sheet no. 2

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF CEBU PROVINCE, PHILIPPINES




INDEX MAP



**LEGEND :**

**High susceptibility to landslide**
Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**
Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**
Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**High susceptibility to flooding**
Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

**Low to moderate susceptibility to flooding**
Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Main Road
Secondary Road
Trail
River
Municipal boundary
Barangay center location

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

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**MINES AND GEOSCIENCES BUREAU**
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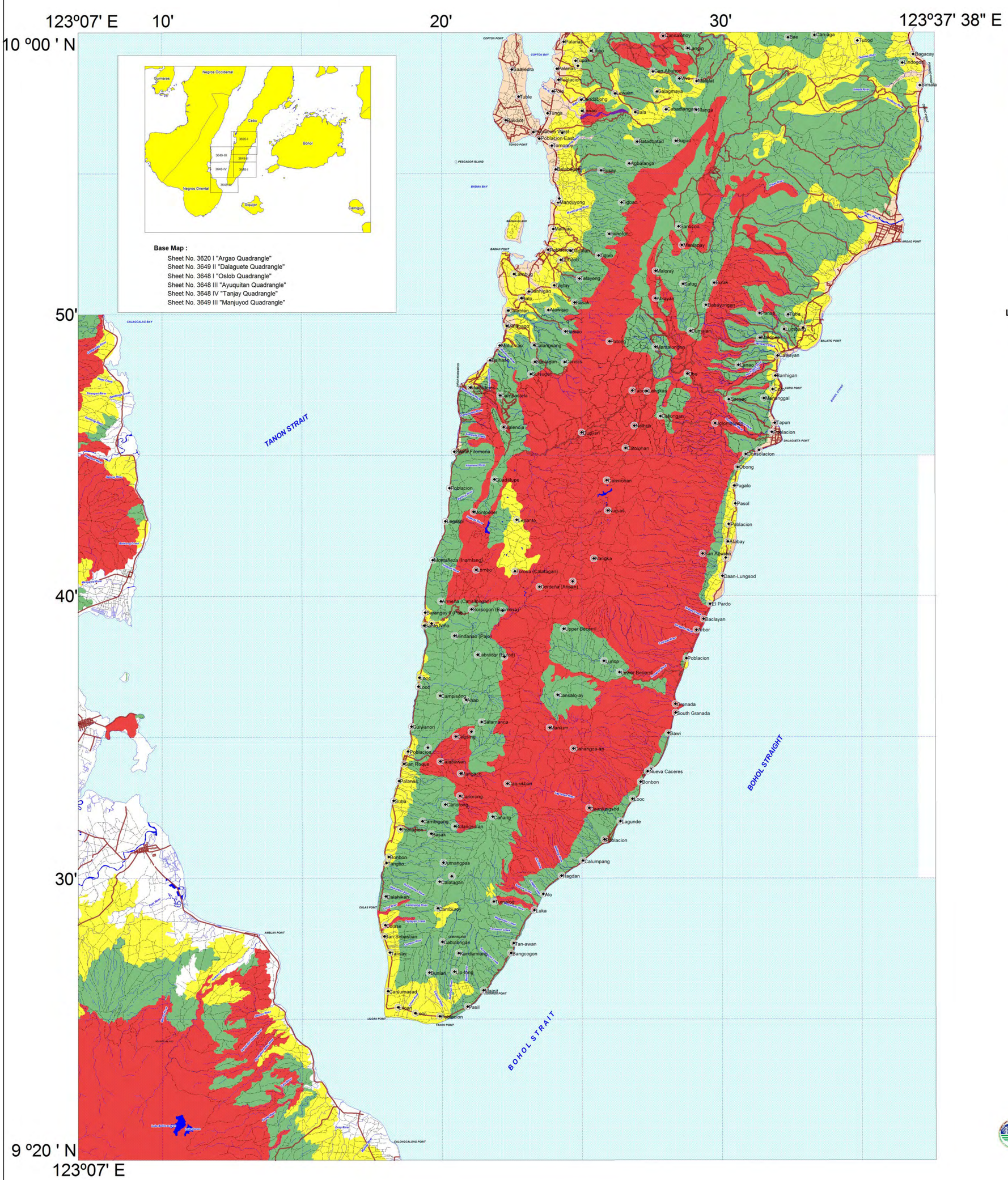
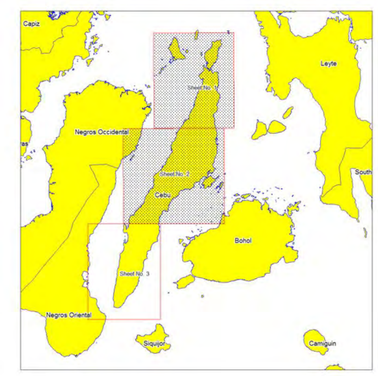
Sheet no. 3

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**
Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**
Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**
Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**High susceptibility to flooding**
Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

**Low susceptibility to flooding**
Areas with 0 to 0.5 meter flood height such as low hills and gentle slopes. They also have sparse to moderate drainage density.

Main Road
Secondary Road
Trail
River
Municipal boundary
Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:100, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

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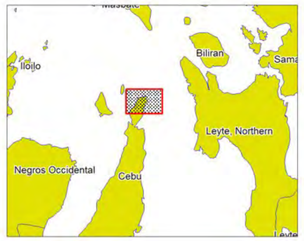
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF DAANBANTAYAN QUADRANGLE
# CEBU PROVINCE, PHILIPPINES

INDEX MAP




**LEGEND :**

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3853 IV "Daanbantayan Quadrangle"

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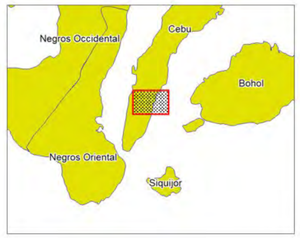
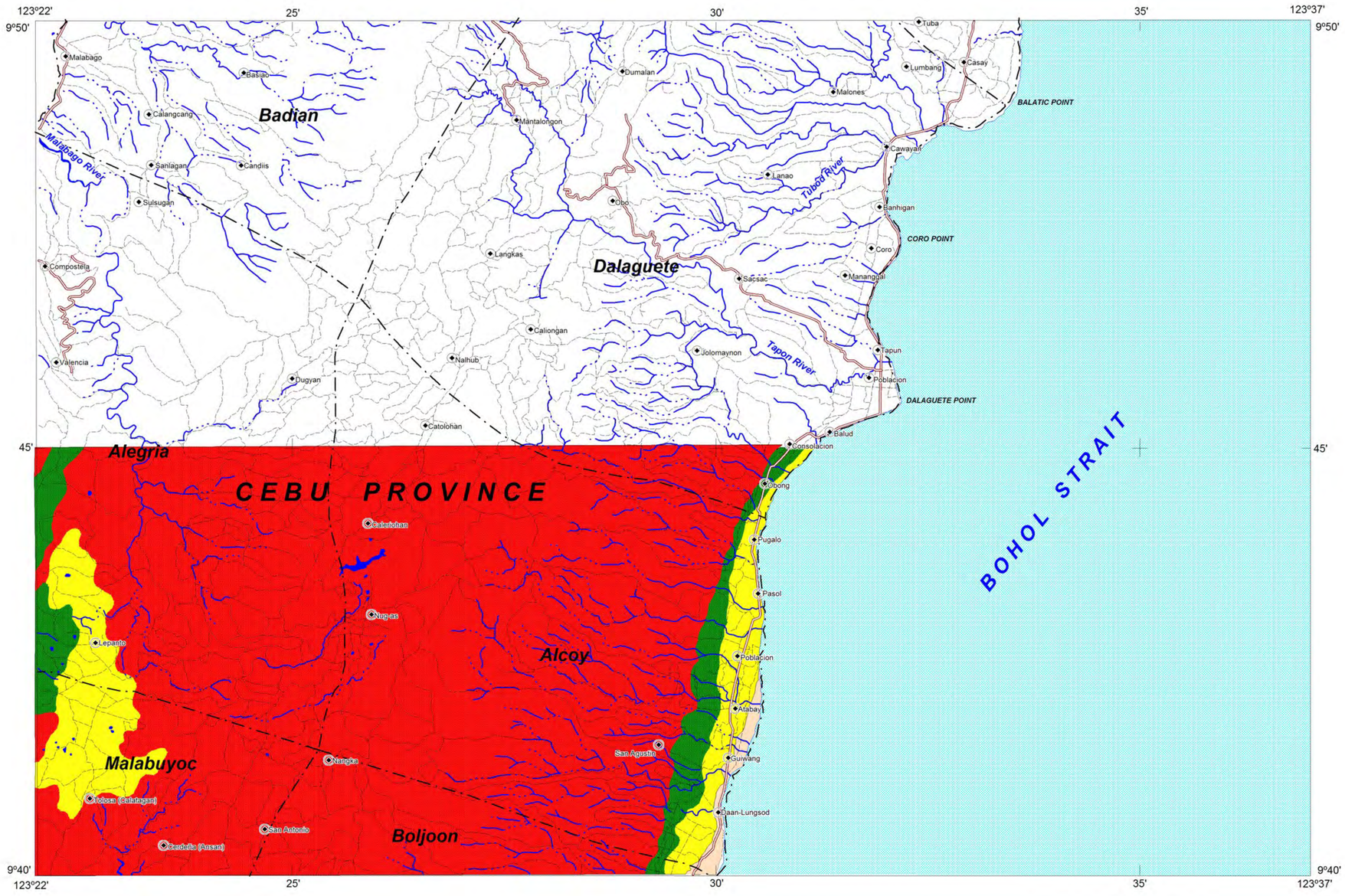
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF DALAGUETE QUADRANGLE
# CEBU PROVINCE, PHILIPPINES

INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3649 II "Dalaguete Quadrangle"

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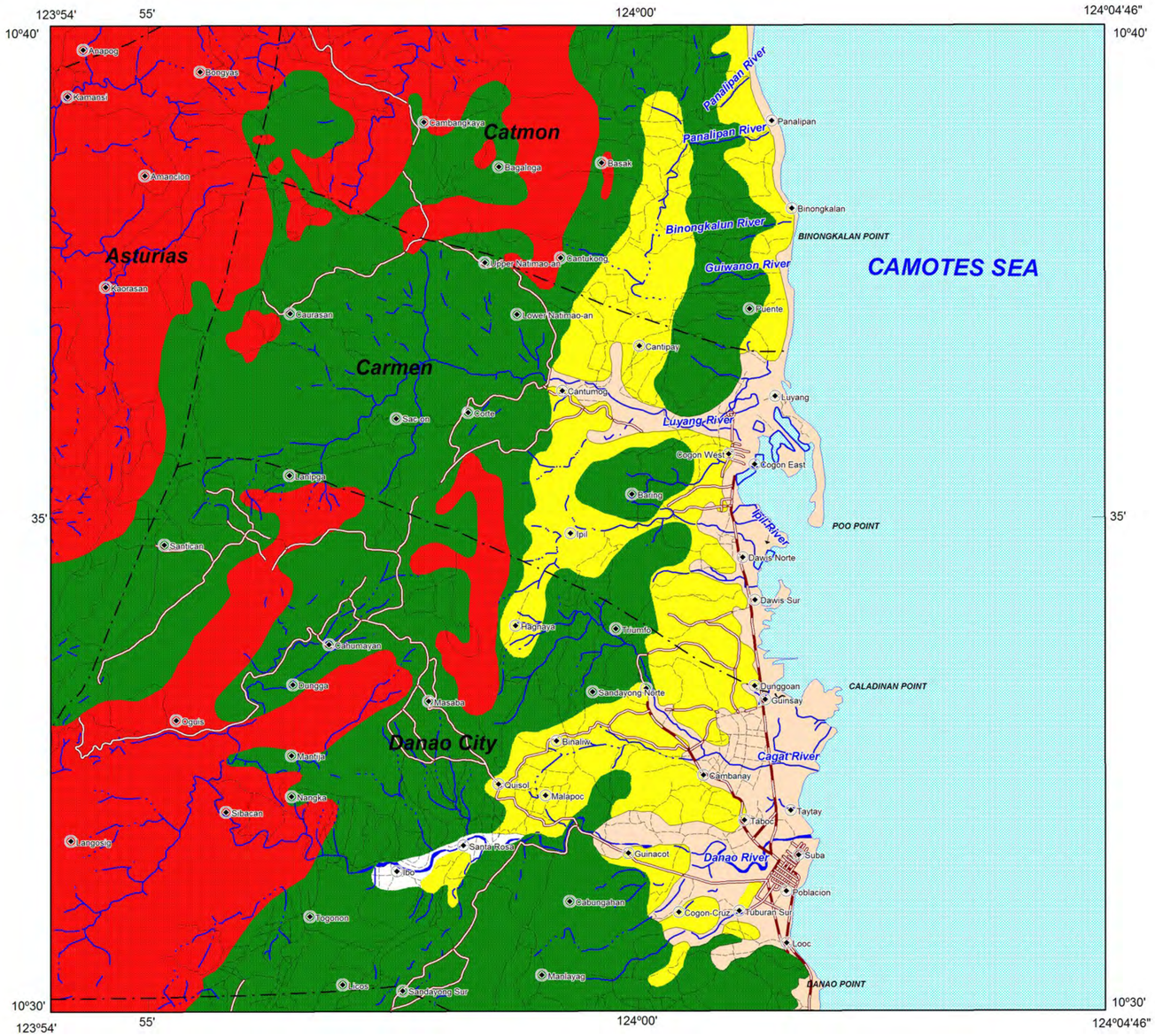
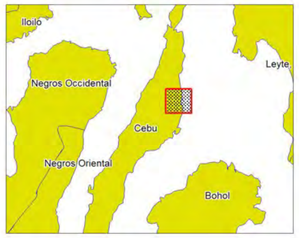
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF DANAO CITY QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3722 II "Danao City Quadrangle"

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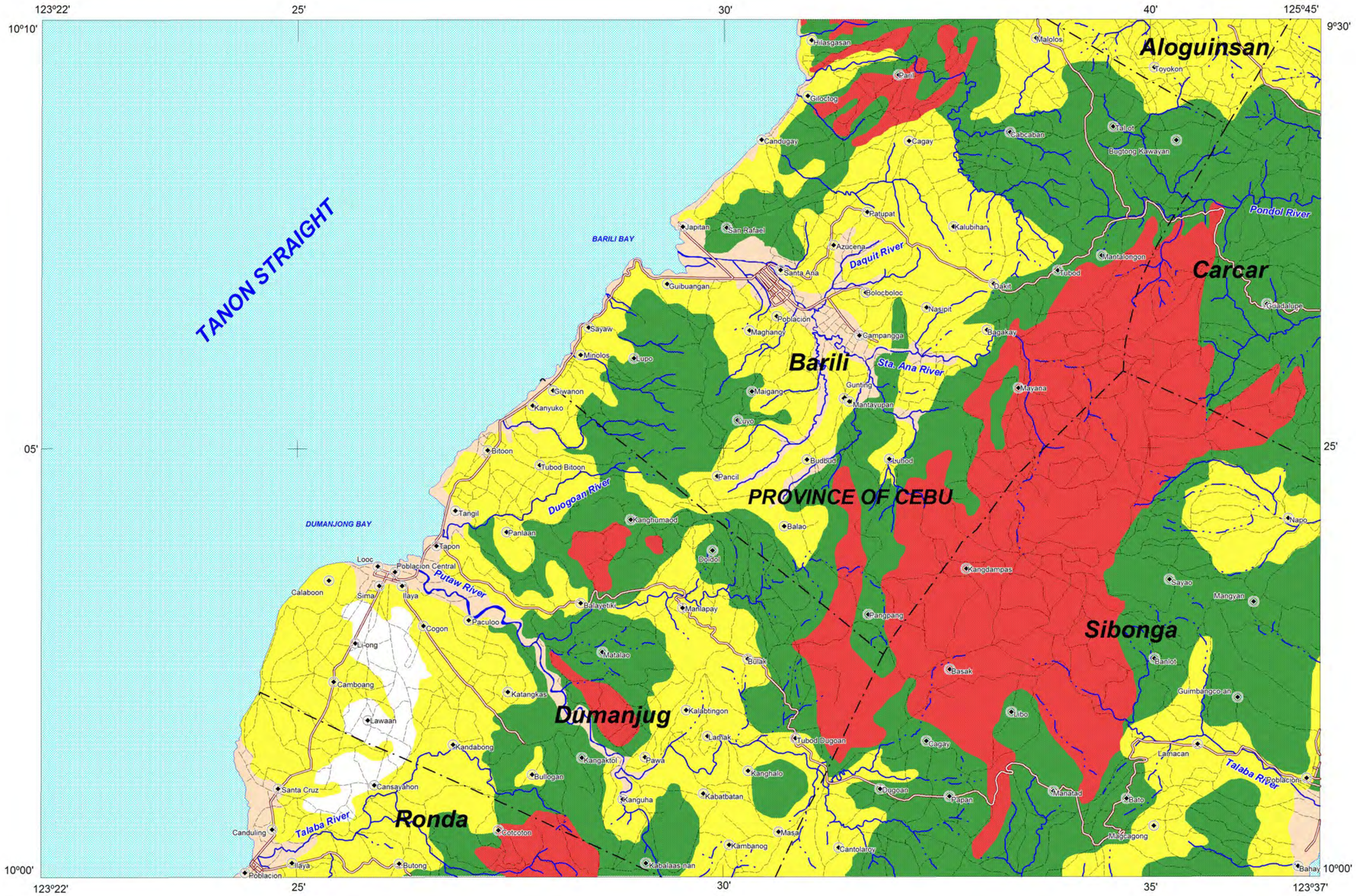
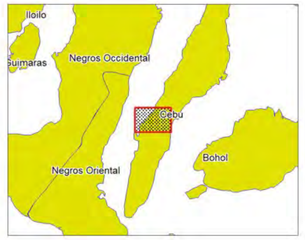
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF DUMANJOG QUADRANGLE
# CEBU PROVINCE, PHILIPPINES




INDEX MAP




**LEGEND :**

**High susceptibility to landslide**

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

**Moderate susceptibility to landslide**

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

**Low susceptibility to landslide**

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

**Low to moderate susceptibility to flooding**

Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay center location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

**GIS Processing :**
Lands Geological Survey Division

**Data Sources:**
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO VII

**Base Map :**
Sheet No. 3650 II "Dumanjog Quadrangle"

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