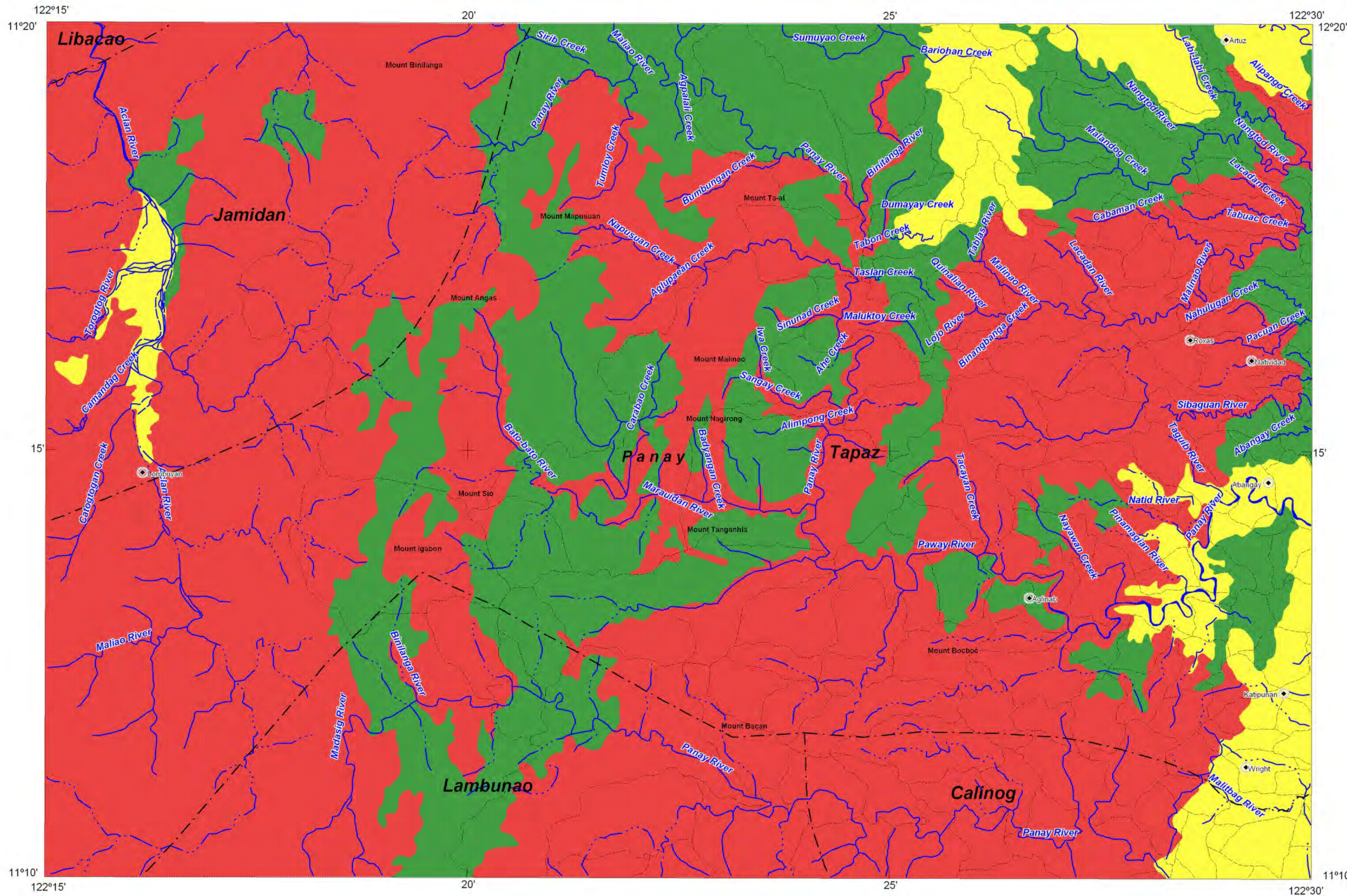
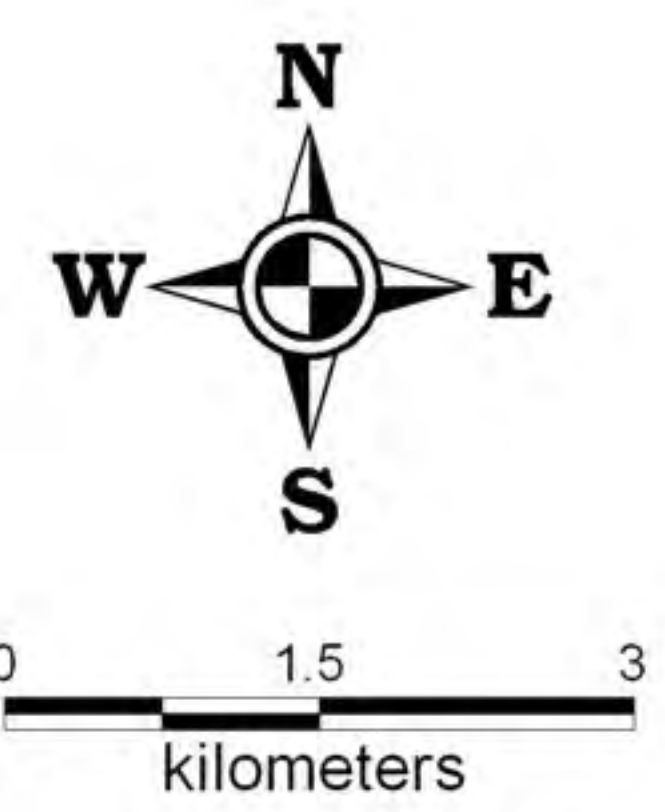


# LANDSLIDE SUSCEPTIBILITY MAP OF ARTUZ QUADRANGLE CAPIZ PROVINCE, PHILIPPINES



## LEGEND :

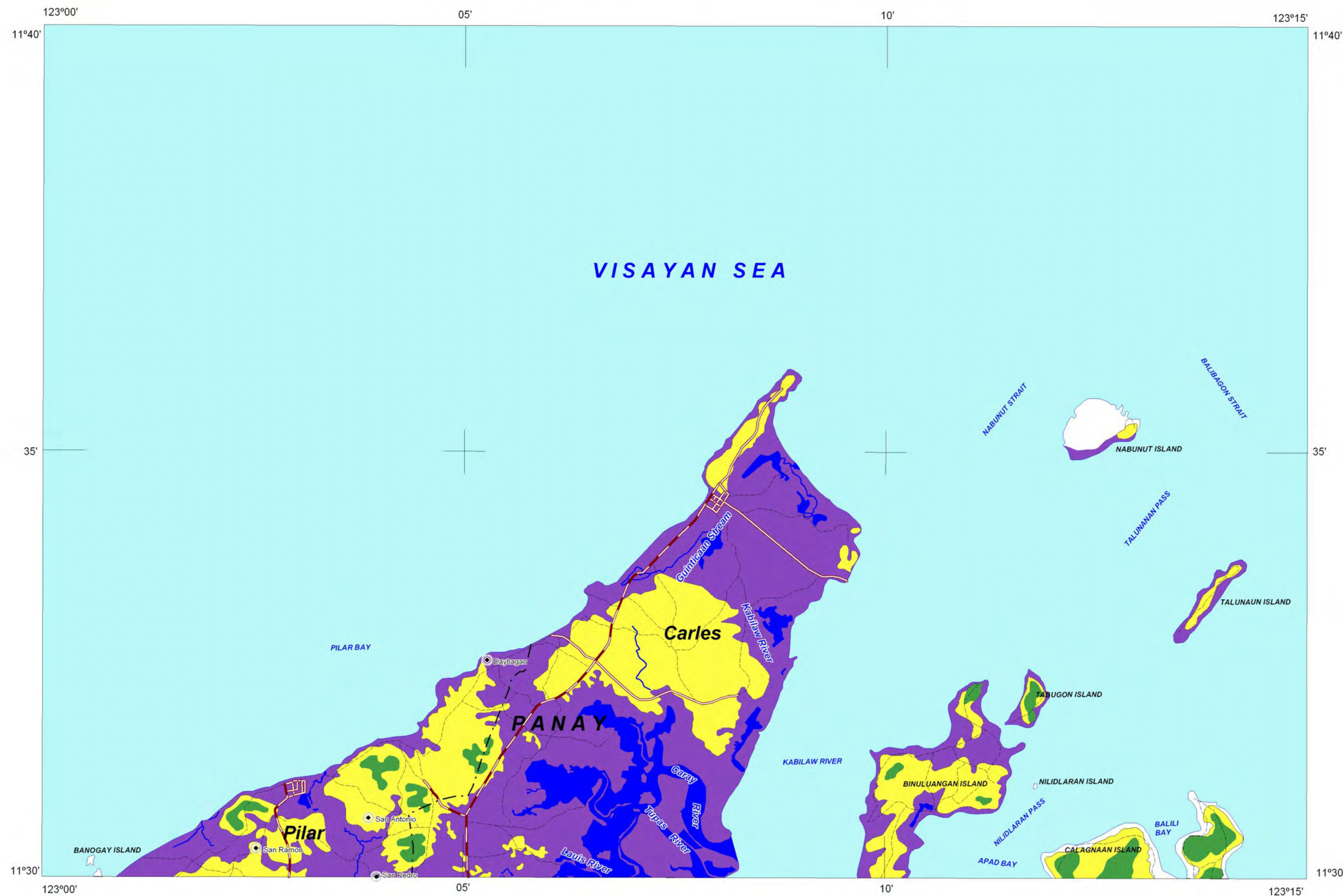
- High susceptibility to landslide**  
Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.
- Moderate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



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 VI  
  
**Base Map :**  
Sheet No. 3453 I "Artuz Quadrangle"

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF CARLES QUADRANGLE CAPIZ 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.
- 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.

- Roads
- River
- Municipal boundary
- Barangay center location



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 VI

Base Map :  
Sheet No. 3645 IV "Carles Quadrangle"



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LANDS GEOLOGICAL SURVEY DIVISION

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF DAO QUADRANGLE CAPIZ 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



0 1.5 3  
kilometers

TRANSVERSE MERCATOR PROJECTION  
MAPPING SCALE 1:50,000

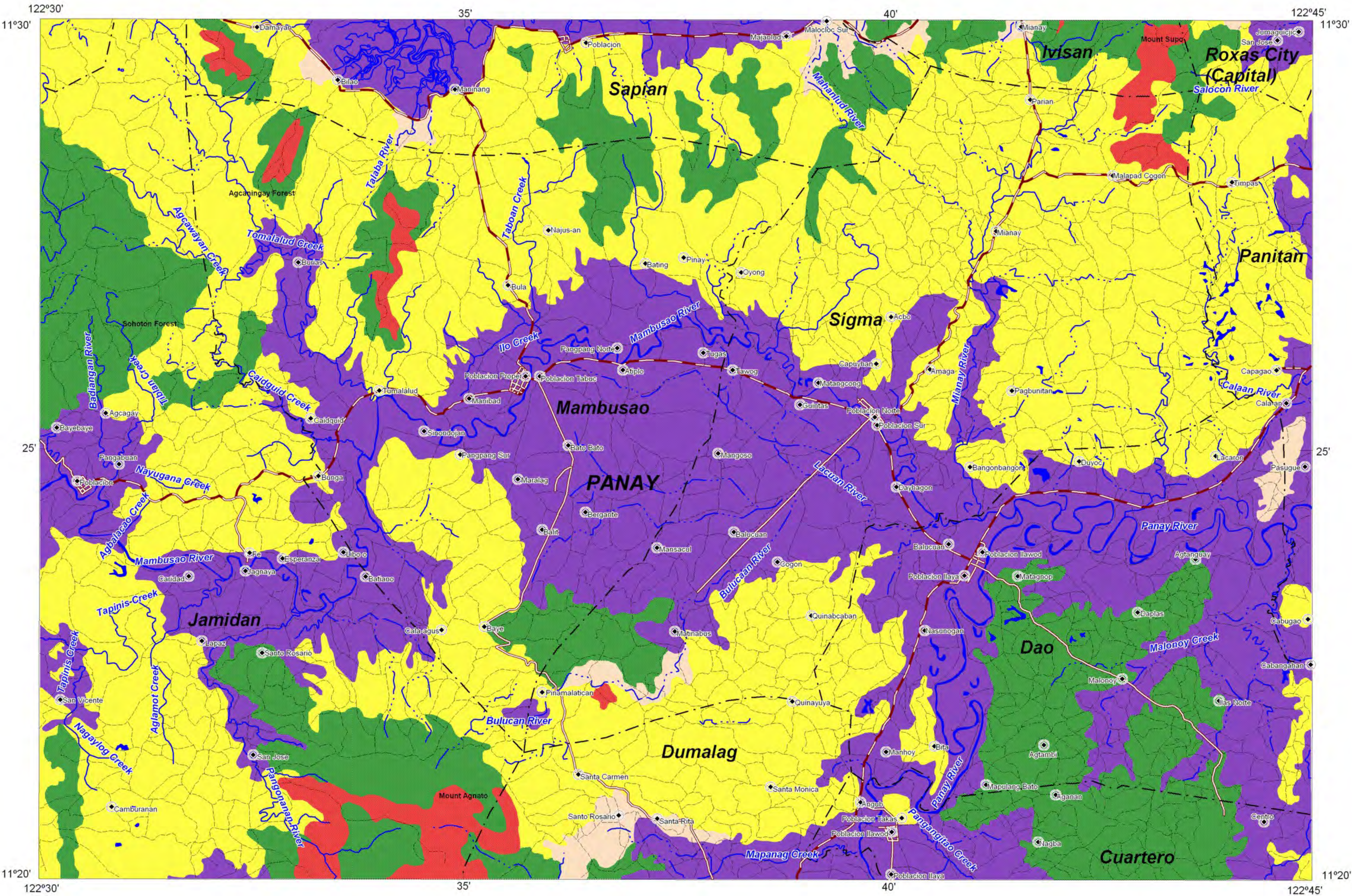
GIS Processing :  
Lands Geological Survey Division

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

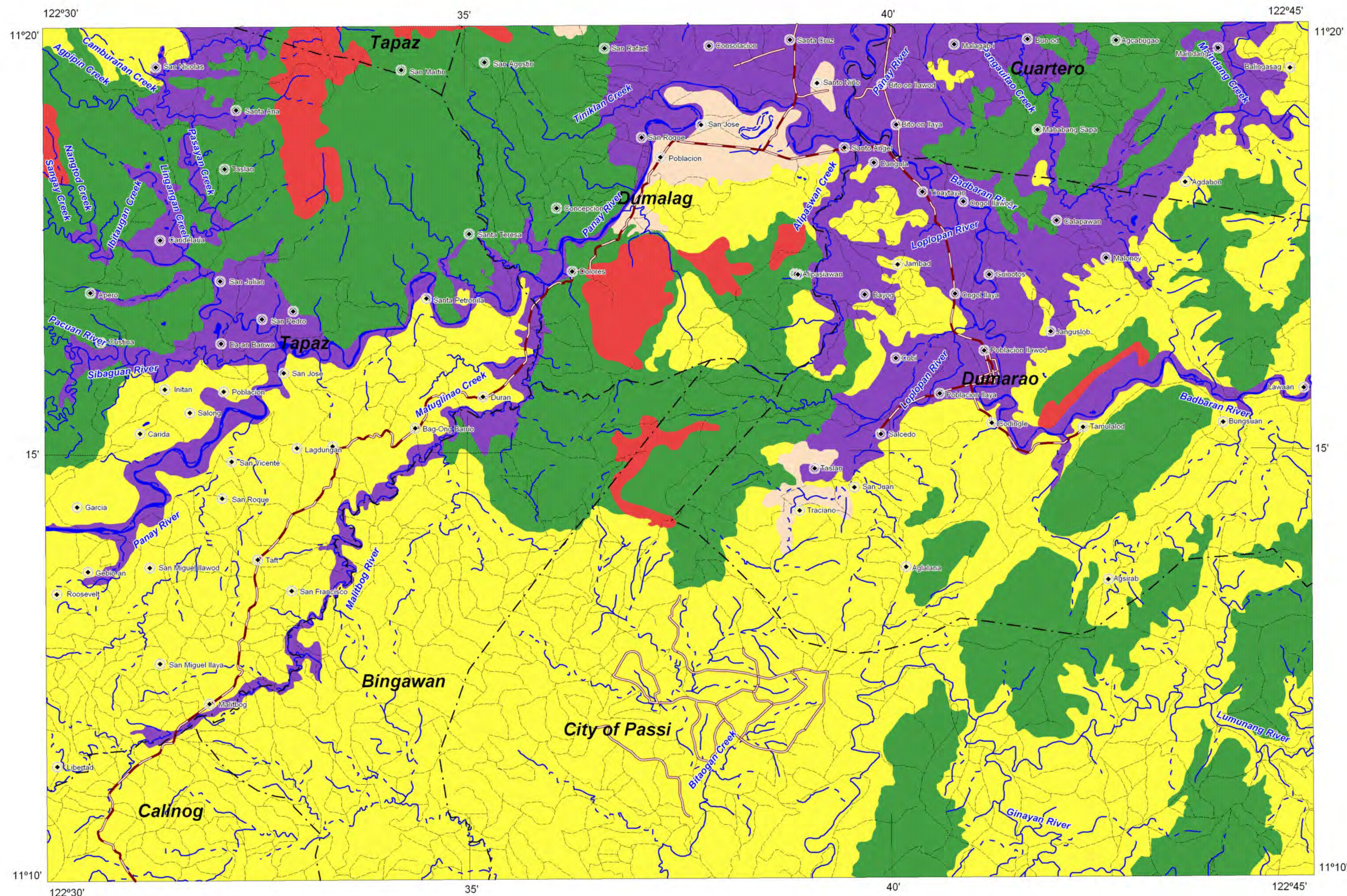
Base Map :  
Sheet No. 3554 III "Dao Quadrangle"



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**MINES AND GEOSCIENCES BUREAU**  
LANDS GEOLOGICAL SURVEY DIVISION



# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF DUMALAG QUADRANGLE CAPIZ 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



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 VI

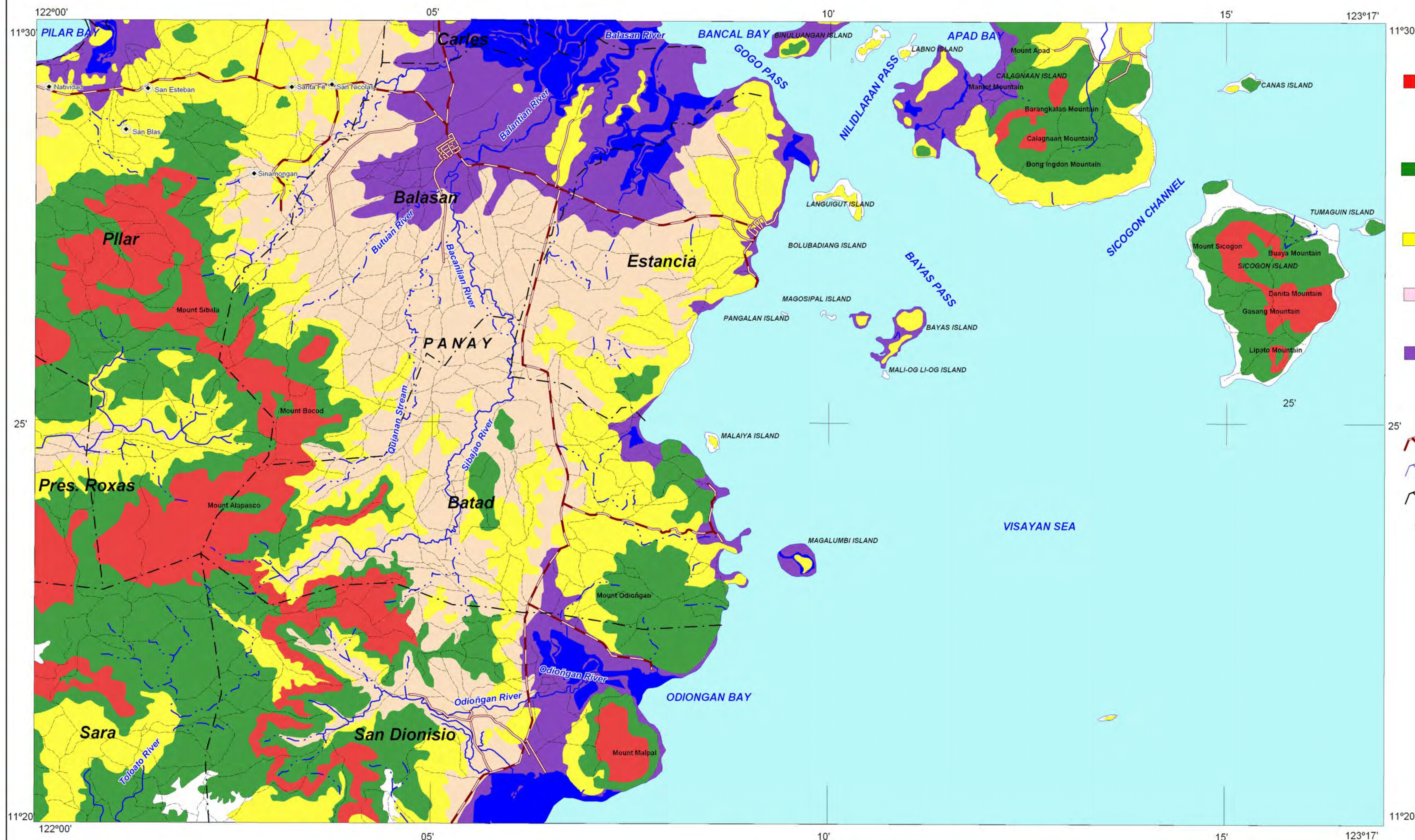
**Base Map :**  
Sheet No. 3553 IV "Dumalag Quadrangle"



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LANDS GEOLOGICAL SURVEY DIVISION

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF ESTANCIA QUADRANGLE CAPIZ 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 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.
- **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.
- Roads
- River
- Municipal boundary
- Barangay center location



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 VI

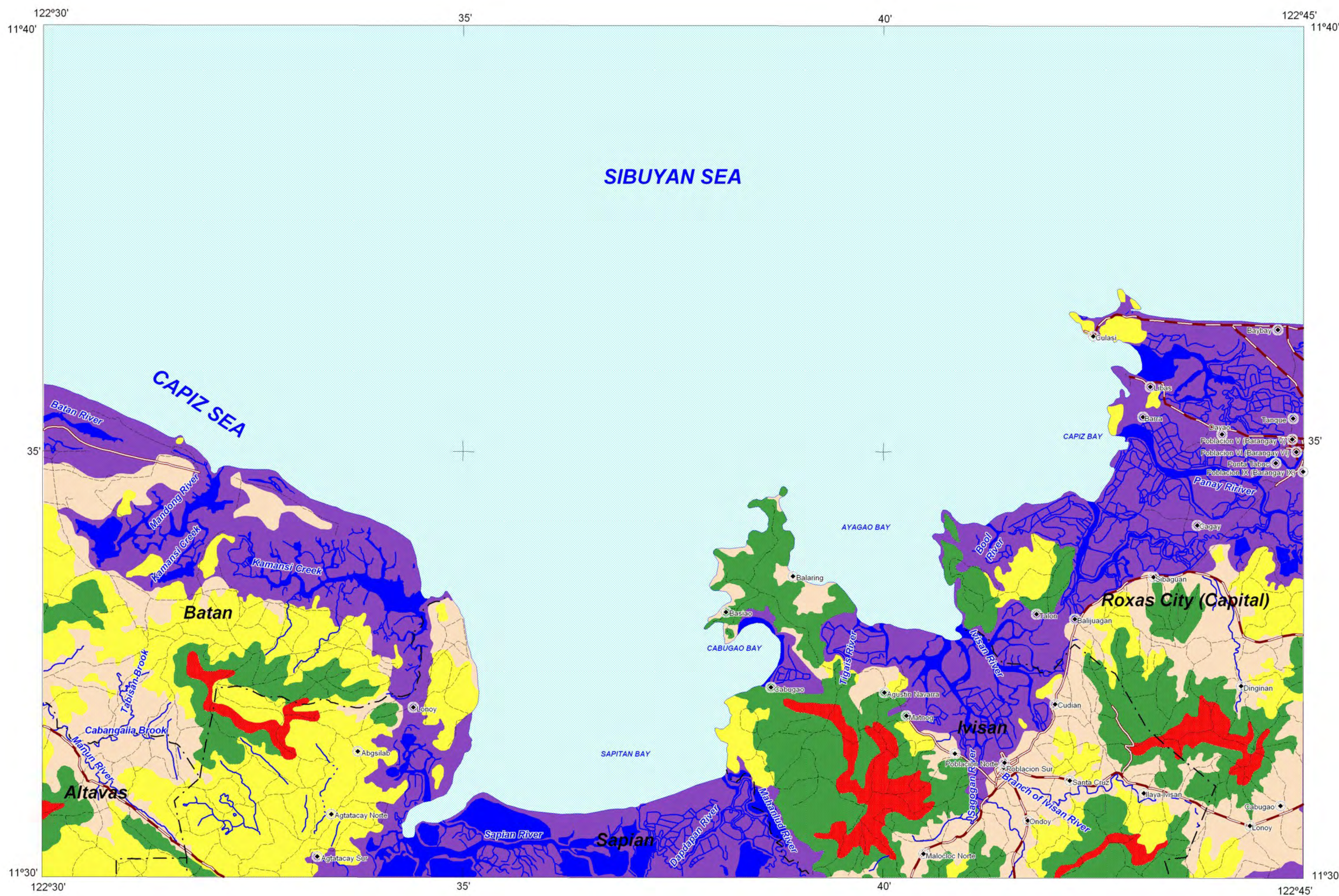
## Base Map :

Sheet No. 3654 III "Estancia Quadrangle"



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LANDS GEOLOGICAL SURVEY DIVISION

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF IVISAN QUADRANGLE AKLAN 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



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 VI

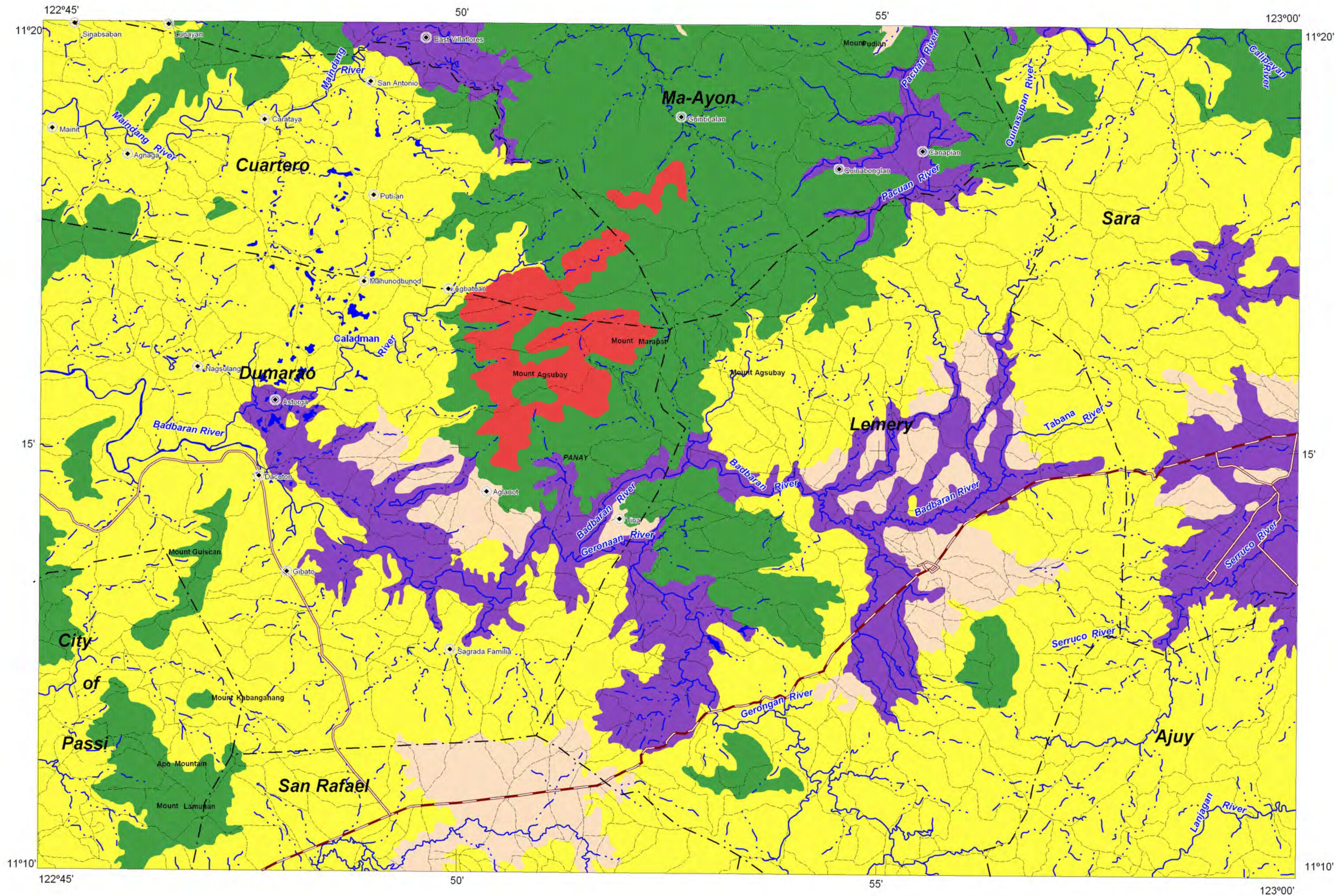
**Base Map :**  
Sheet No. 3554 IV "Ivisan Quadrangle"



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LANDS GEOLOGICAL SURVEY DIVISION

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF LEMERY QUADRANGLE CAPIZ 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



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 VI

**Base Map :**  
Sheet No. 3353 I "Lemery Quadrangle"



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# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF LIBACAO QUADRANGLE CAPIZ 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



0 1.5 3  
kilometers

TRANSVERSE MERCATOR PROJECTION  
MAPPING SCALE 1:50,000

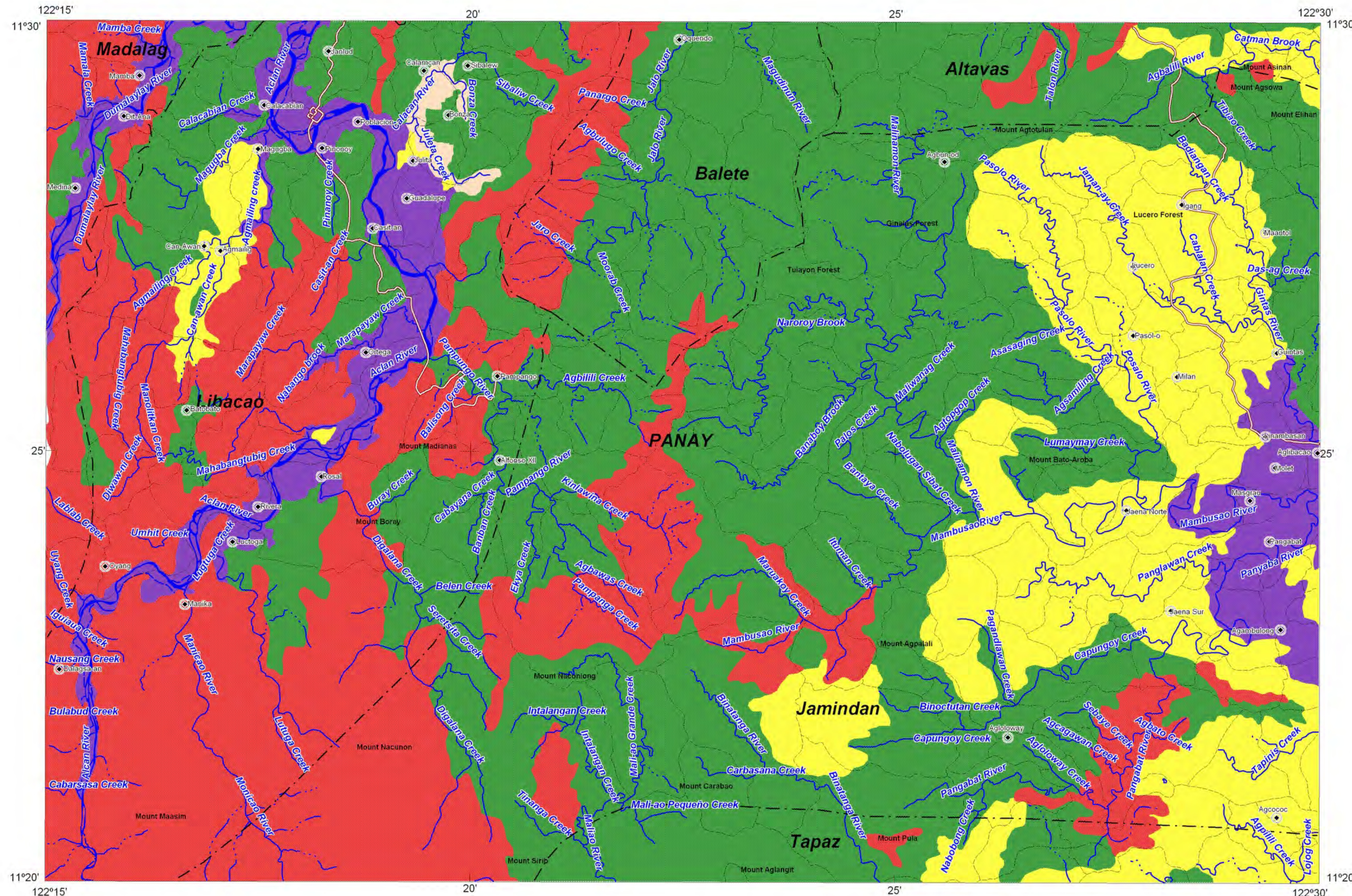
**GIS Processing :**  
Lands Geological Survey Division

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

**Base Map :**  
Sheet No. 3454 II "Libacao Quadrangle"



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LANDS GEOLOGICAL SURVEY DIVISION



# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF PANITAN QUADRANGLE CAPIZ 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



0 1.5 3  
kilometers

TRANSVERSE MERCATOR PROJECTION  
MAPPING SCALE 1:50,000

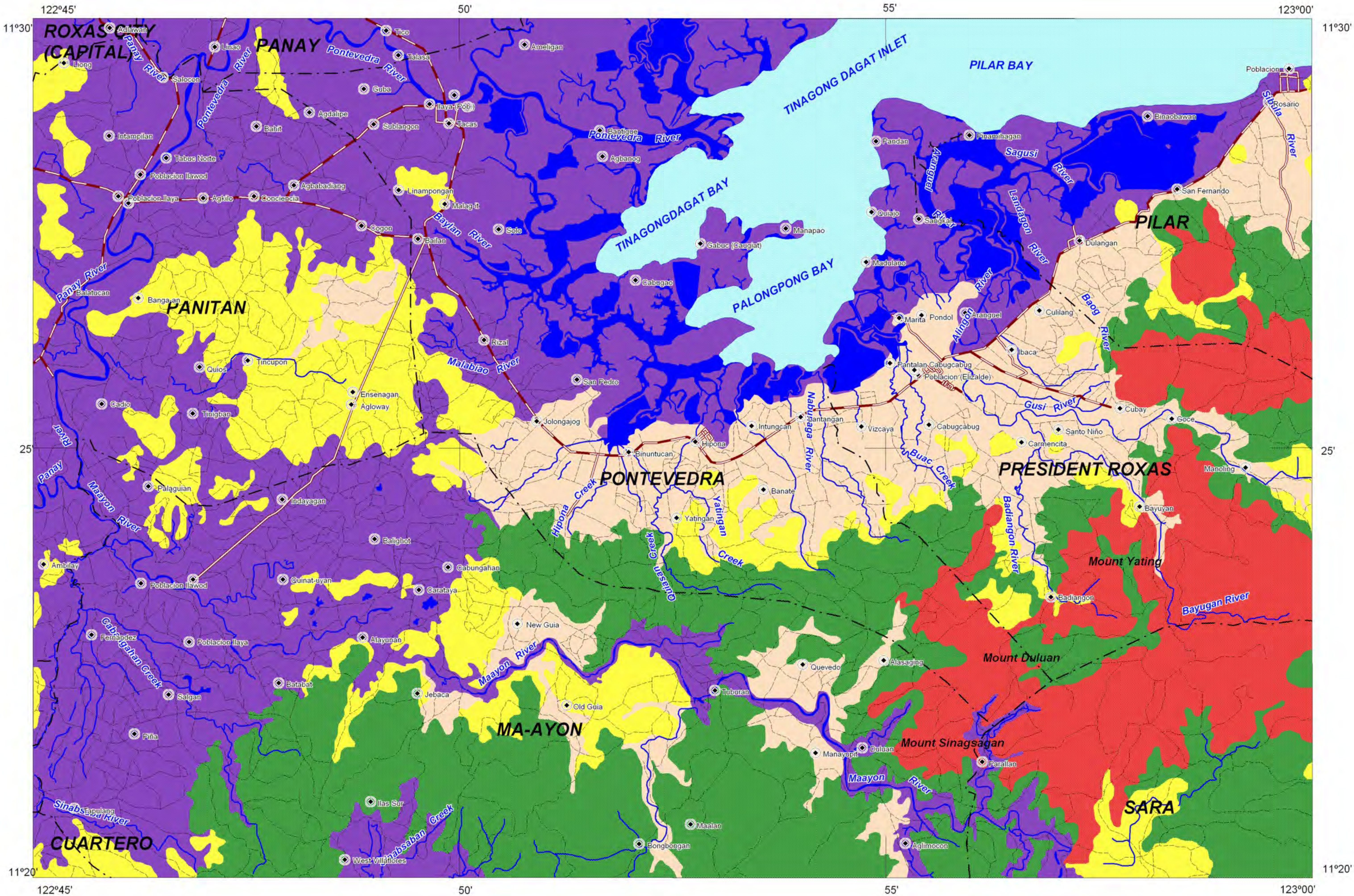
**GIS Processing :**  
Lands Geological Survey Division

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

**Base Map :**  
Sheet No. 3554 II "Panitan Quadrangle"

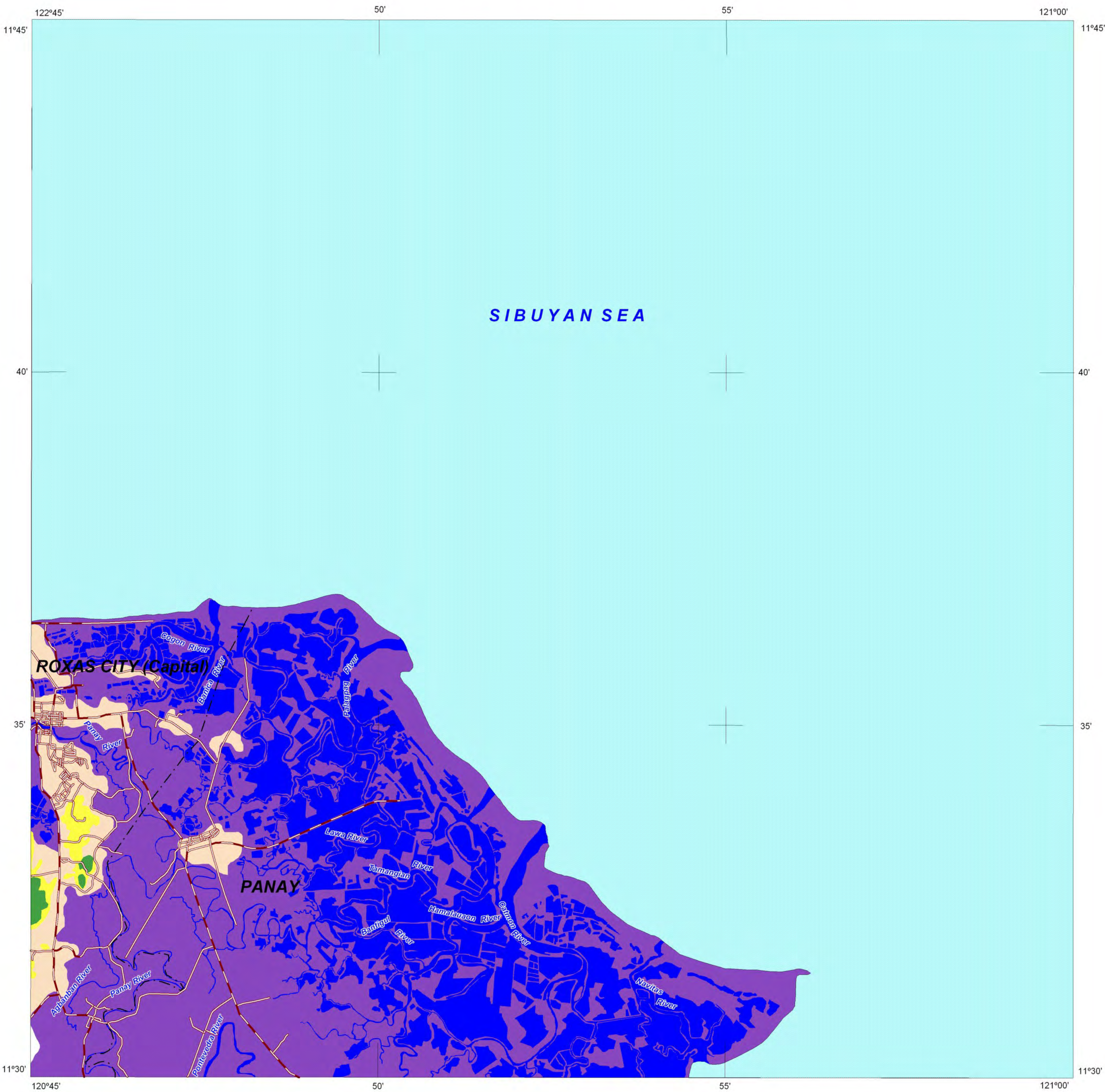


DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
**MINES AND GEOSCIENCES BUREAU**  
LANDS GEOLOGICAL SURVEY DIVISION

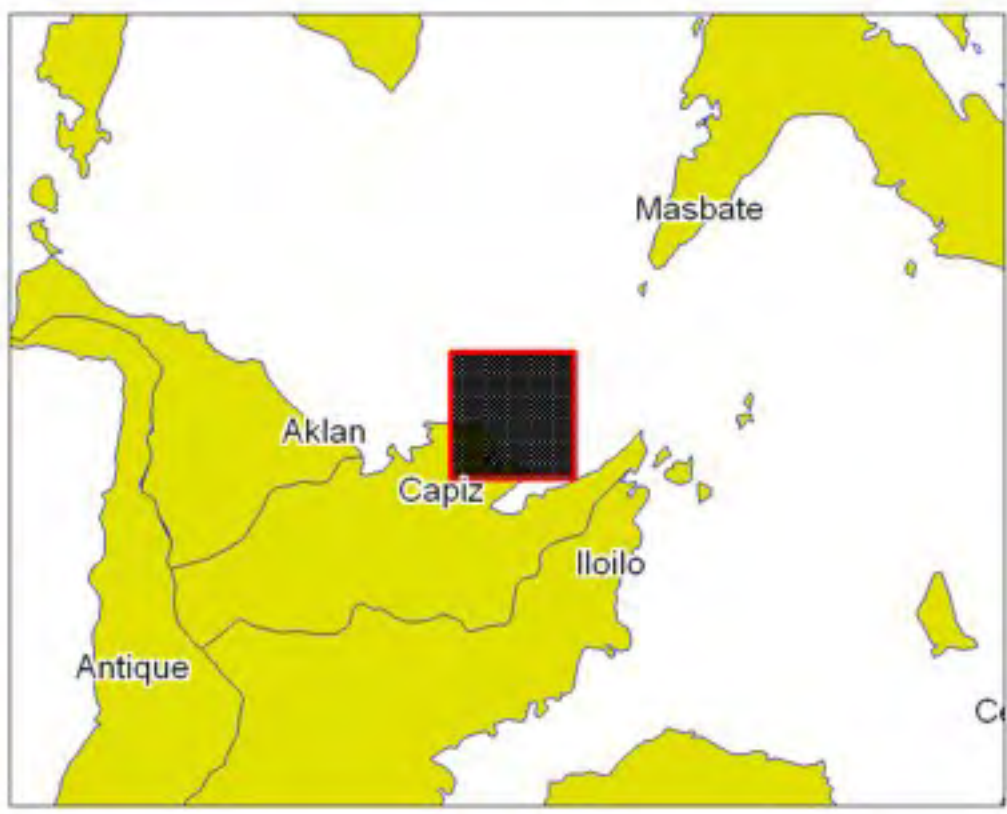


# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF ROXAS CITY QUADRANGLE

## CAPIZ PROVINCE, PHILIPPINES

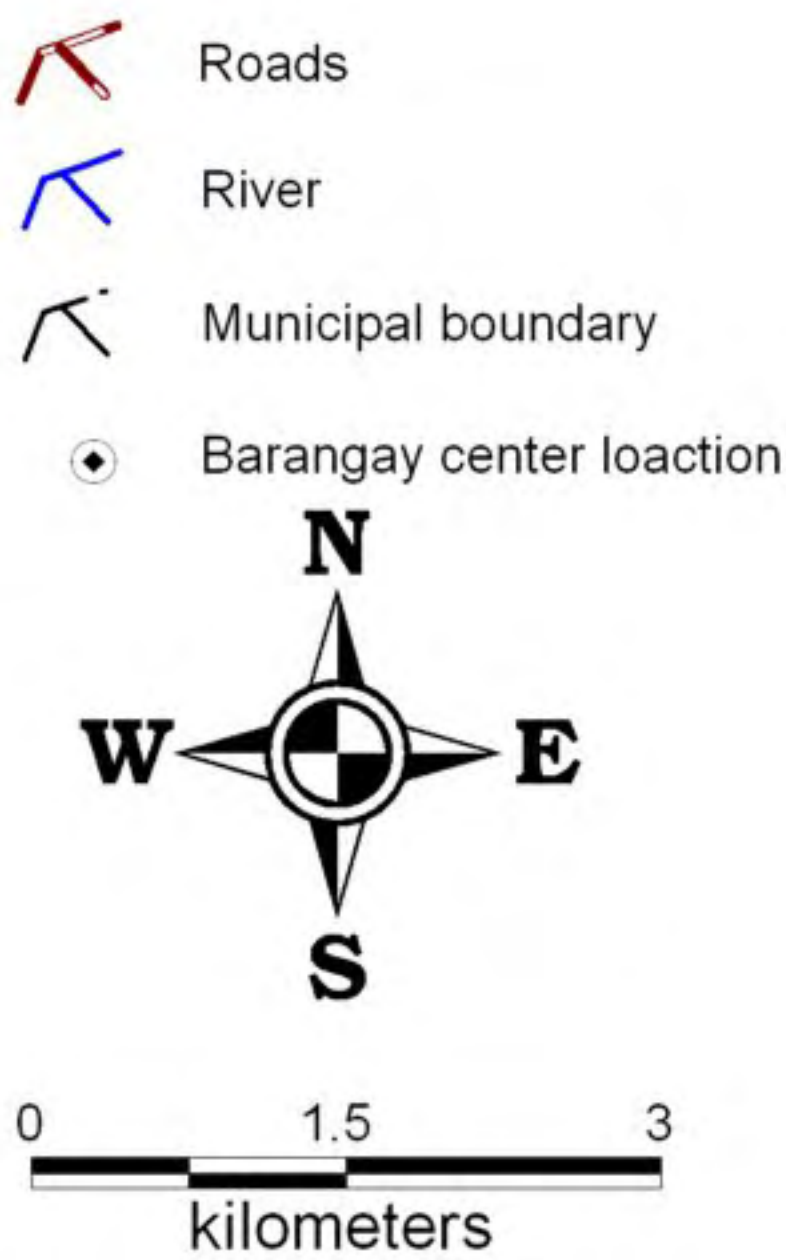


INDEX MAP



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 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.
- 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.



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 VI

**Base Map :**  
Sheet No. 3524II "Capiz Quadrangle"