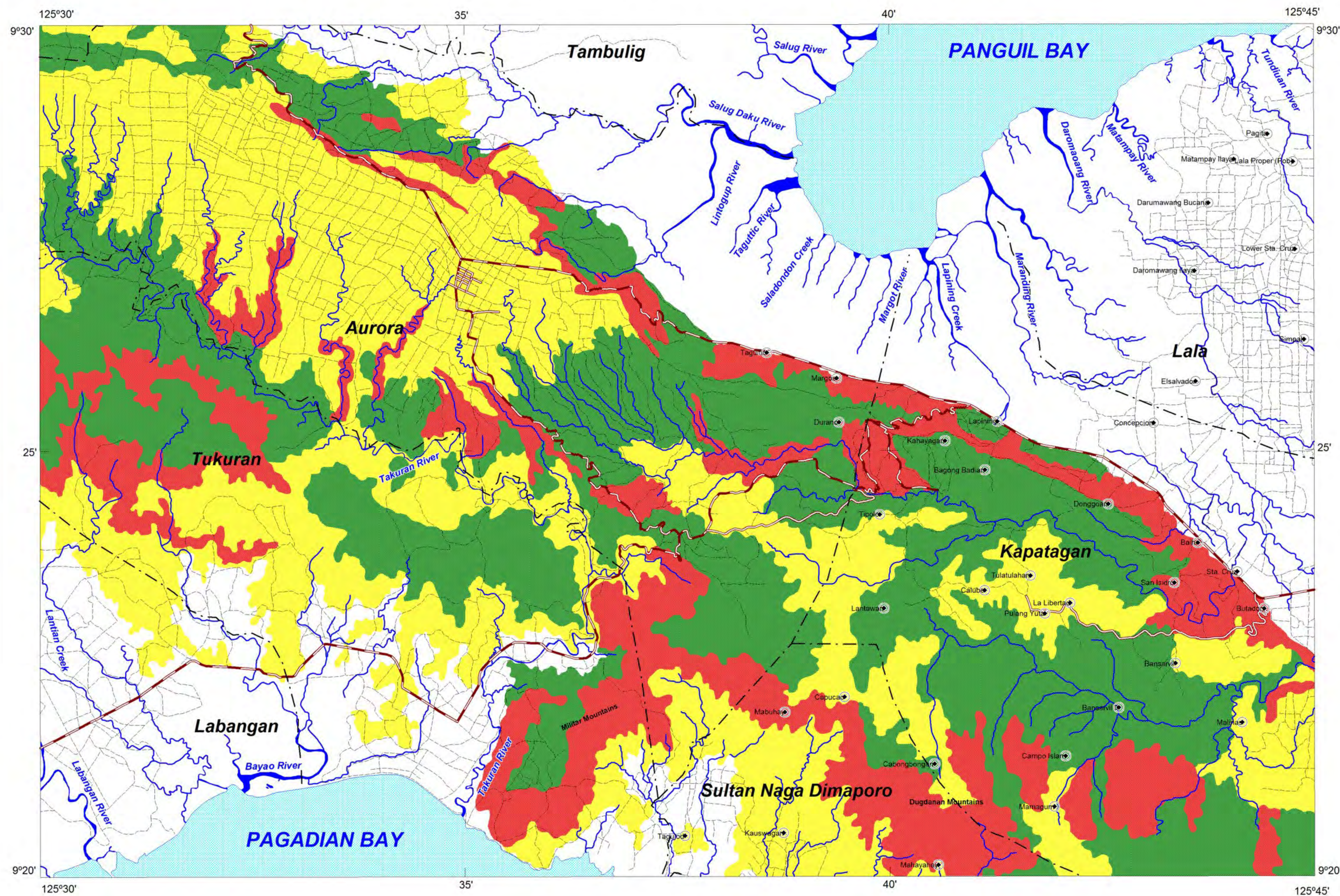


LANDSLIDE SUSCEPTIBILITY MAP OF AURORA QUADRANGLE LANAO DEL NORTE PROVINCE, PHILIPPINES



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.
- Main Roads
- Secondary Roads
- Trails
- 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 X

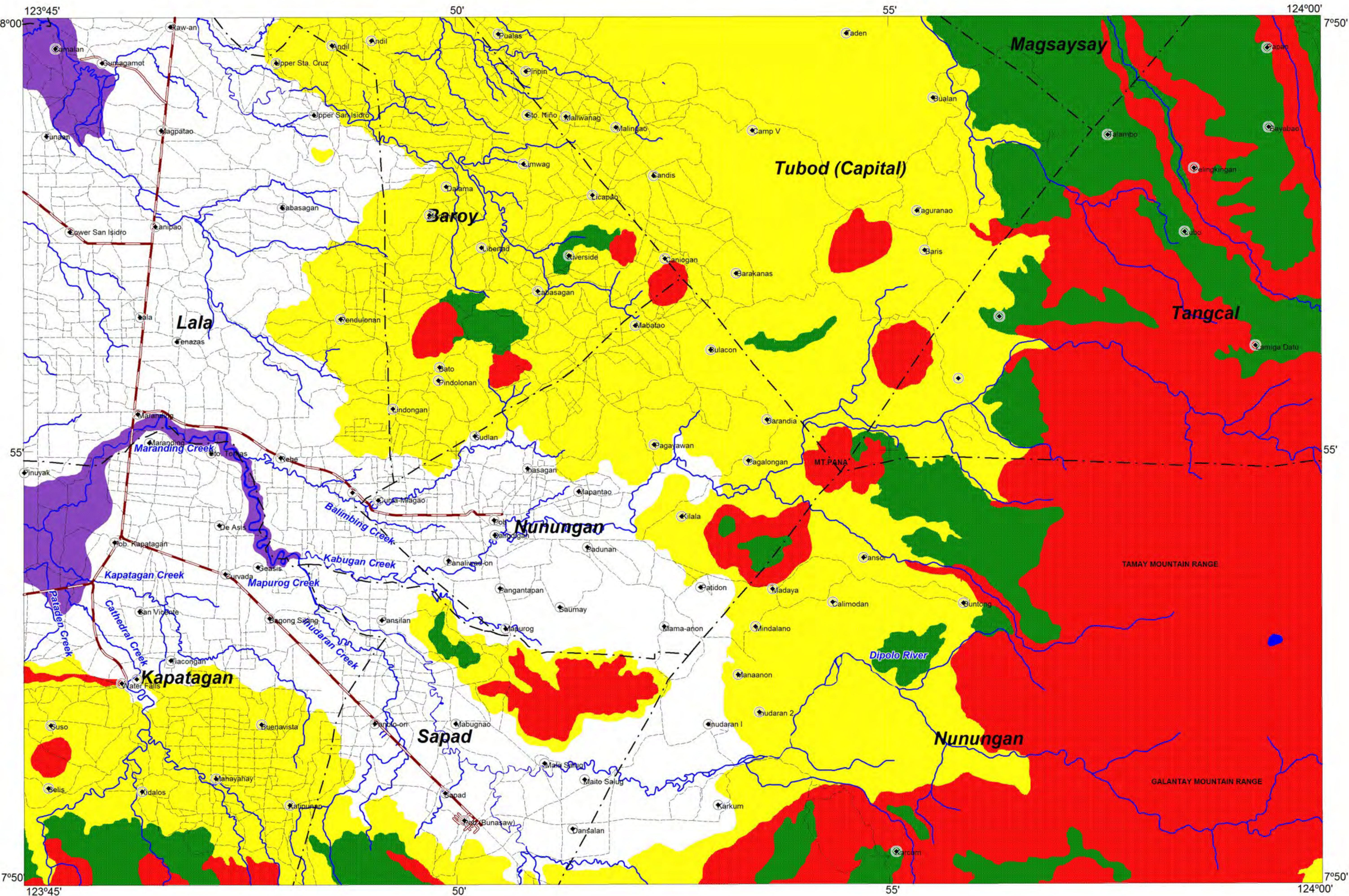
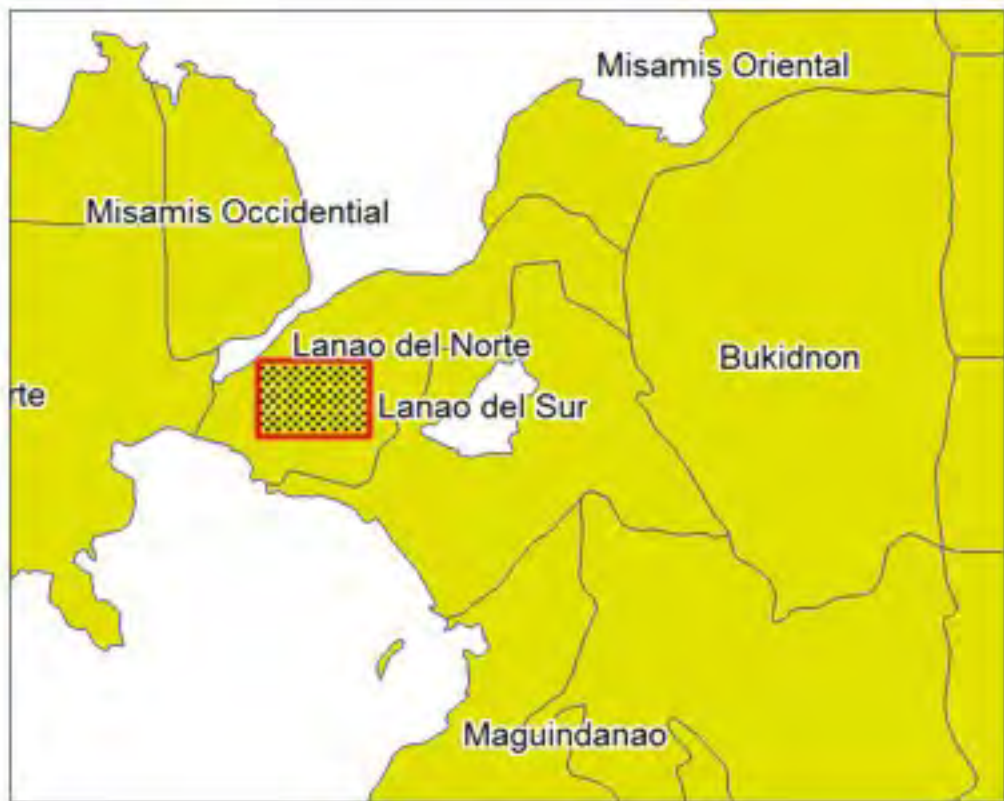
Base Map :
Sheet No. 3743 IV "Aurora Quadrangle"



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LANDS GEOLOGICAL SURVEY DIVISION

LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF BURIASAN QUADRANGLE LANAO DEL NORTE PROVINCE, PHILIPPINES

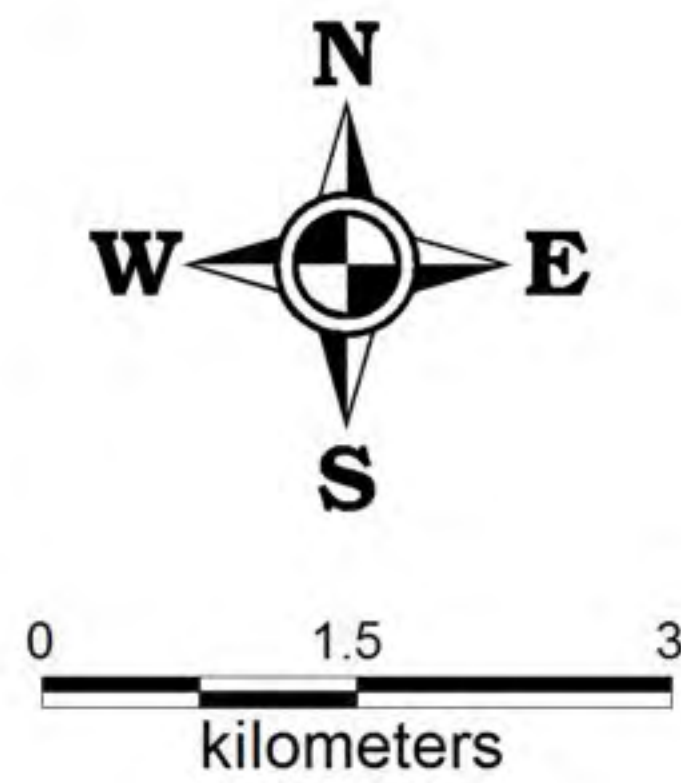
INDEX MAP



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 immediately flooded during heavy rains for several hours; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

- Main roads
- Secondary roads
- Trails
- River
- Municipal boundary
- Barangay center location



TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50,000

GIS Processing :
Lands Geological Survey Division

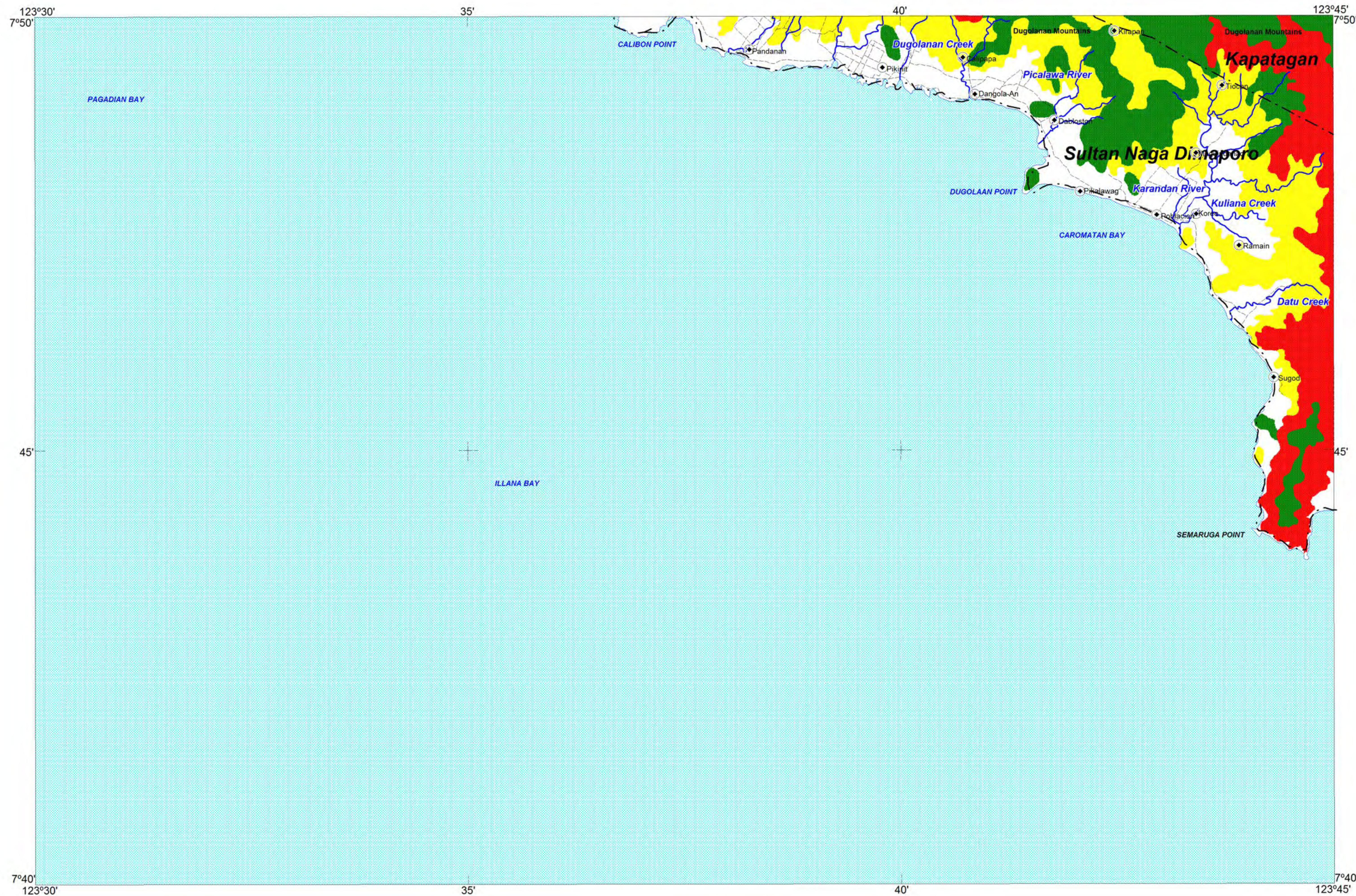
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO X

Base Map :
Sheet No. 3743 | "Buriasan Quadrangle"



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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LANDS GEOLOGICAL SURVEY DIVISION

LANDSLIDE SUSCEPTIBILITY MAP OF CAROMATAN QUADRANGLE LANAO DEL NORTE 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.

- Trails
- 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

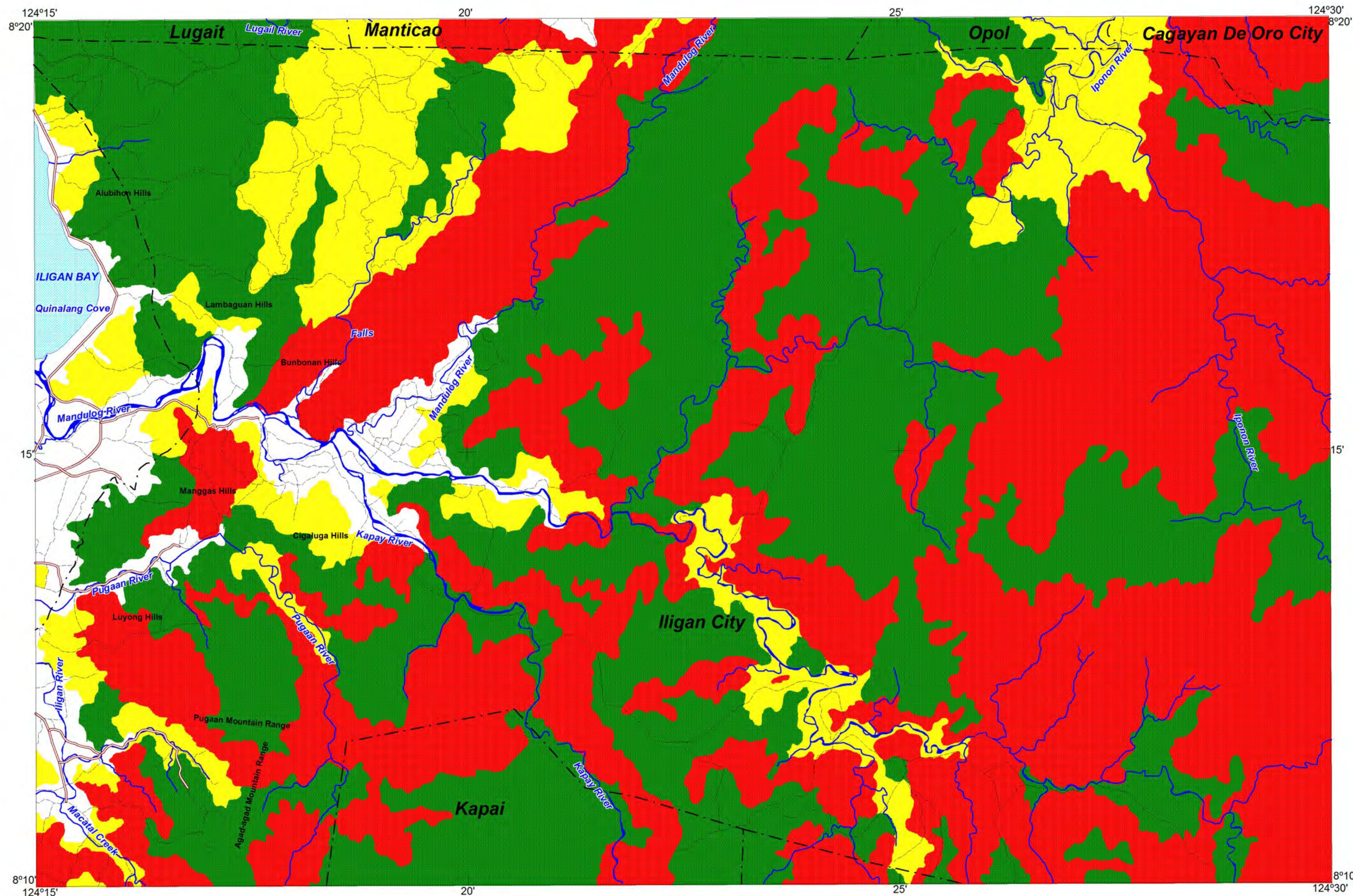
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO X

Base Map :
Sheet No. 3743 III "Caromatan Quadrangle"



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LANDSLIDE SUSCEPTIBILITY MAP OF DALIGUPA QUADRANGLE LANAO DEL NORTE AND MISAMIS ORIENTAL 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



0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50,000

GIS Processing :
Lands Geological Survey Division

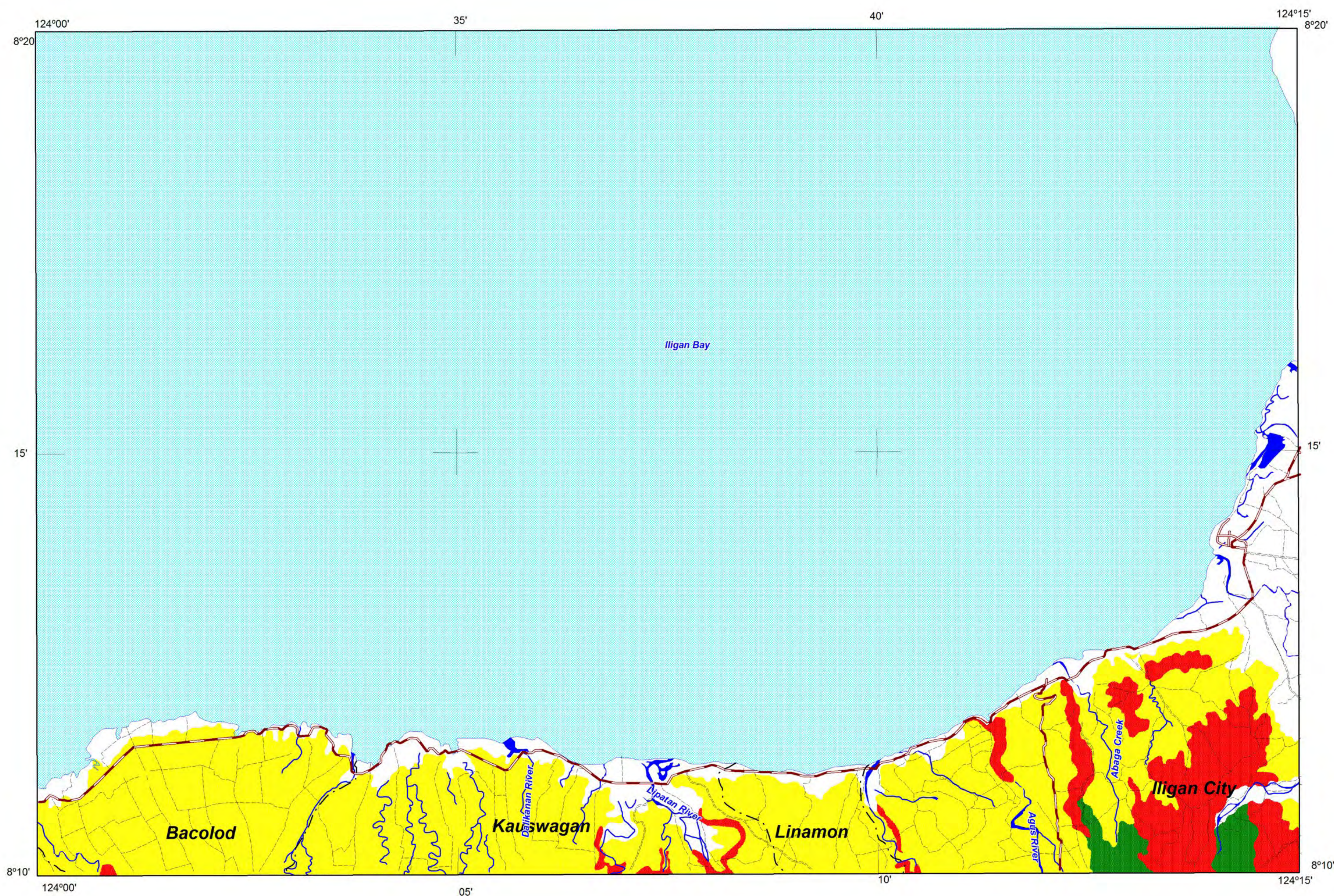
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO X

Base Map :
Sheet No. 3844 I "Daligupa Quadrangle"

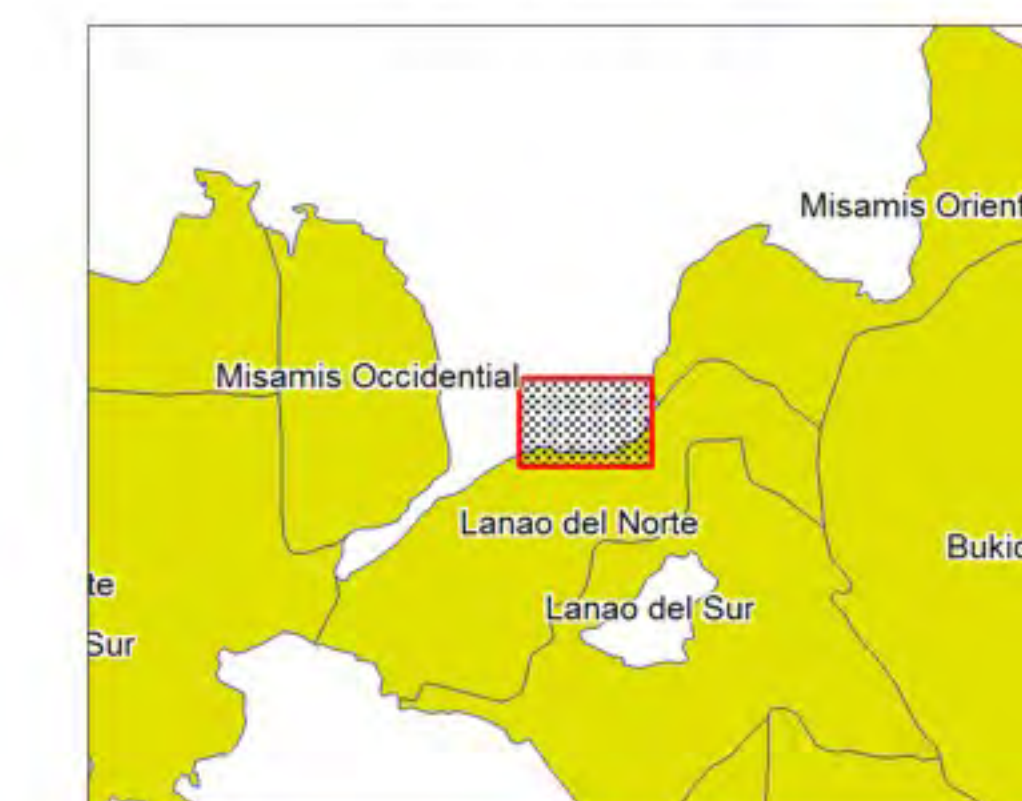


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LANDS GEOLOGICAL SURVEY DIVISION

LANDSLIDE SUSCEPTIBILITY MAP OF ILIGAN QUADRANGLE LANAO DEL NORTE 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



0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50,000

GIS Processing :
Lands Geological Survey Division

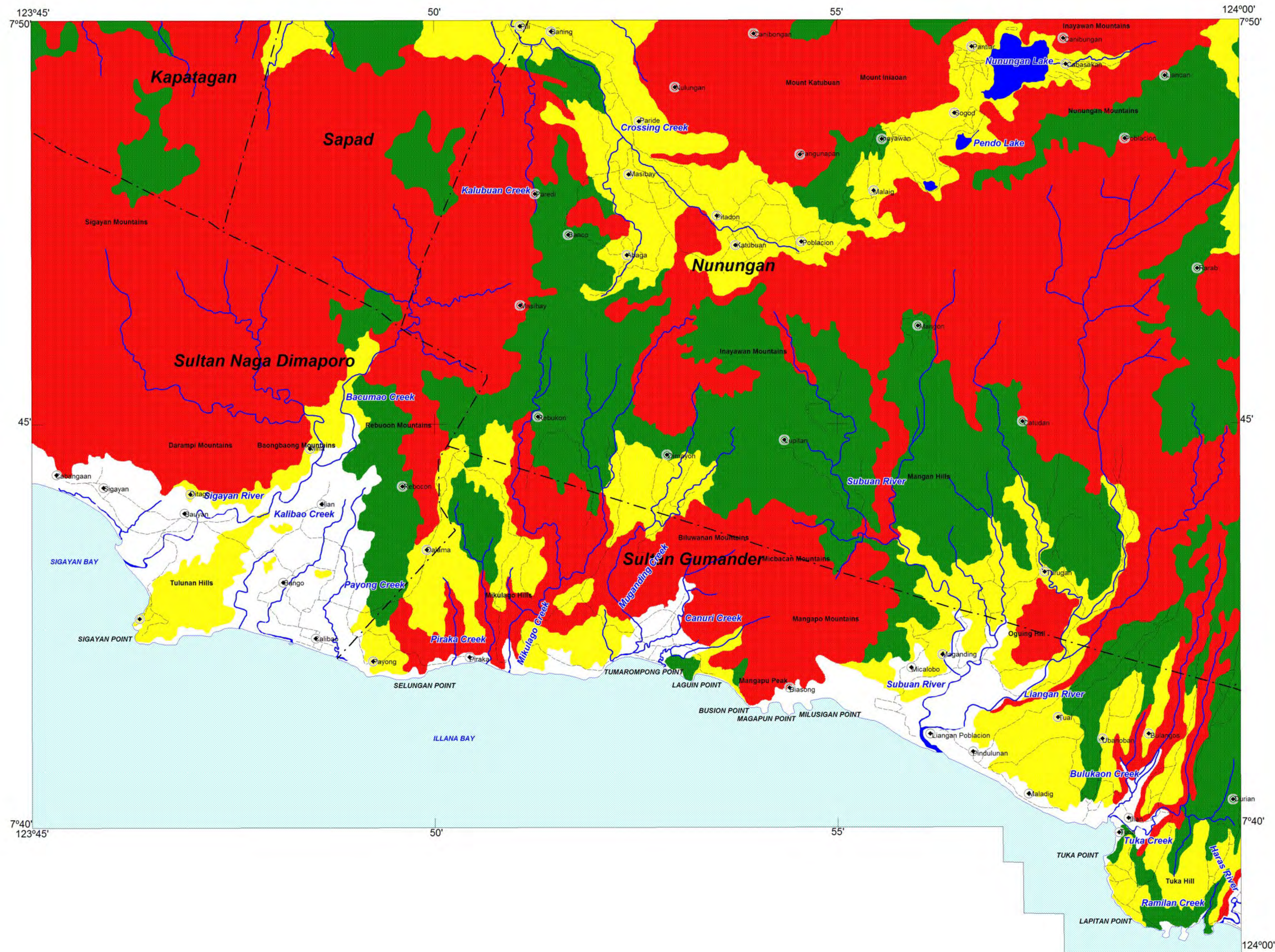
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO X

Base Map :
Sheet No. 38444 IV "Iligan Quadrangle"

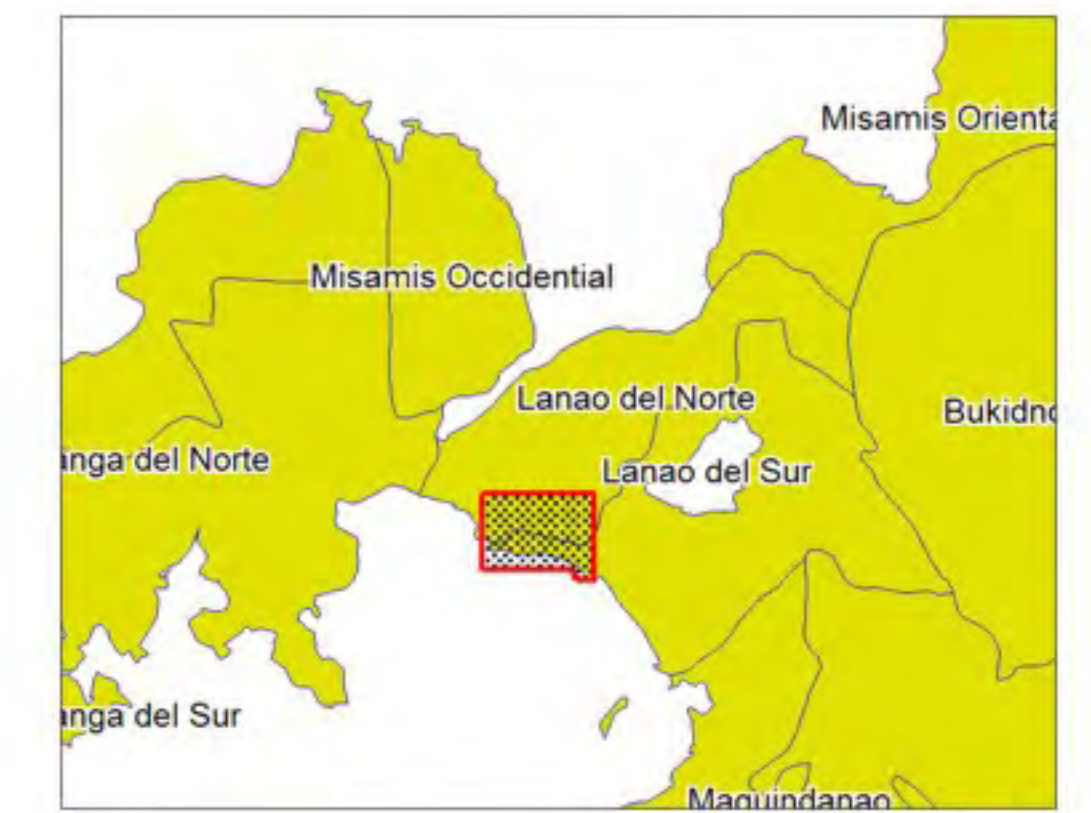


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LANDS GEOLOGICAL SURVEY DIVISION

LANDSLIDE SUSCEPTIBILITY MAP OF MT. INIAOAN QUADRANGLE LANAO DEL NORTE & LANAO DEL SUR 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.

- Trails
- 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

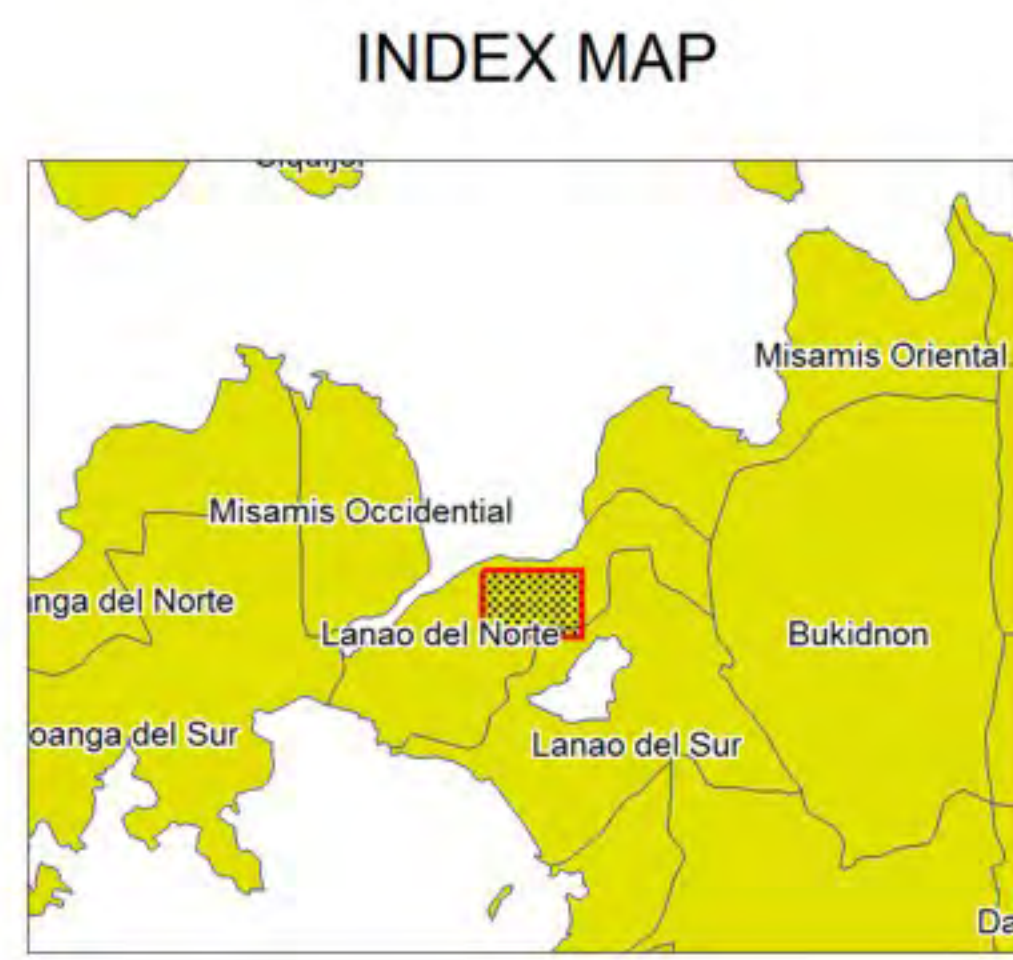
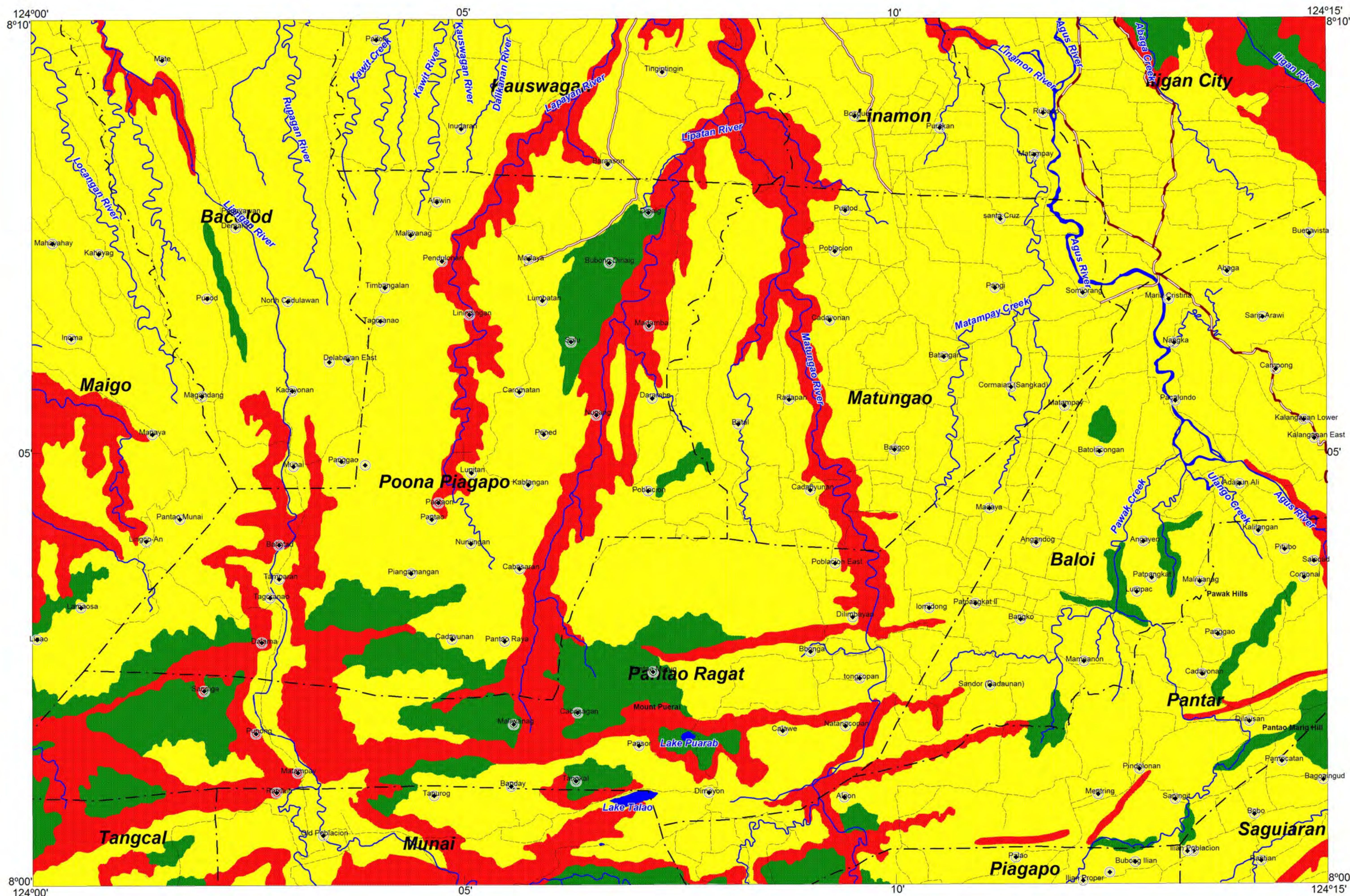
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO X

Base Map :
Sheet No.3743 II "Mt. Iniaoan Quadrangle"



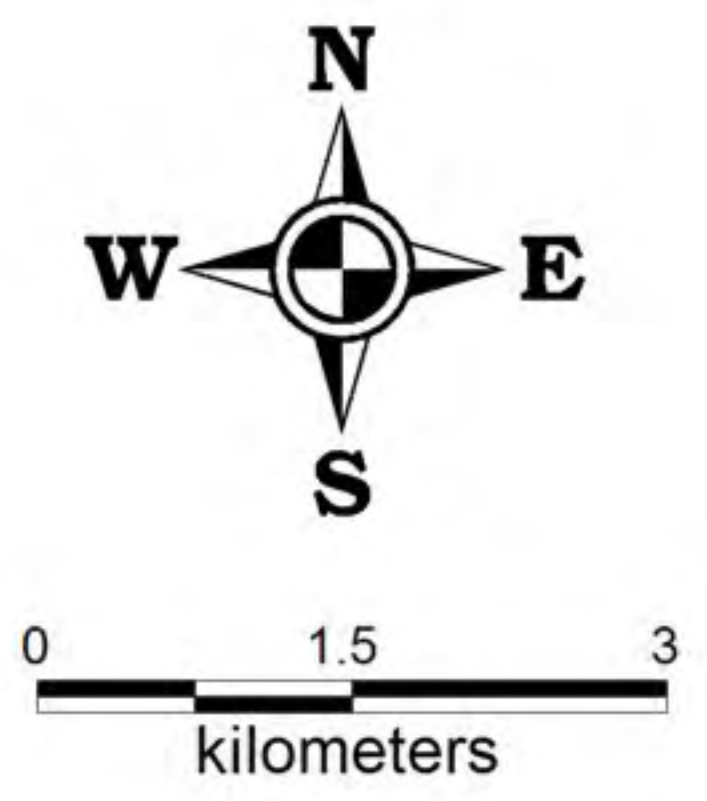
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
MINES AND GEOSCIENCES BUREAU
LANDS GEOLOGICAL SURVEY DIVISION

LANDSLIDE SUSCEPTIBILITY MAP OF MUMUNGAN QUADRANGLE LANAO DEL NORTE 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



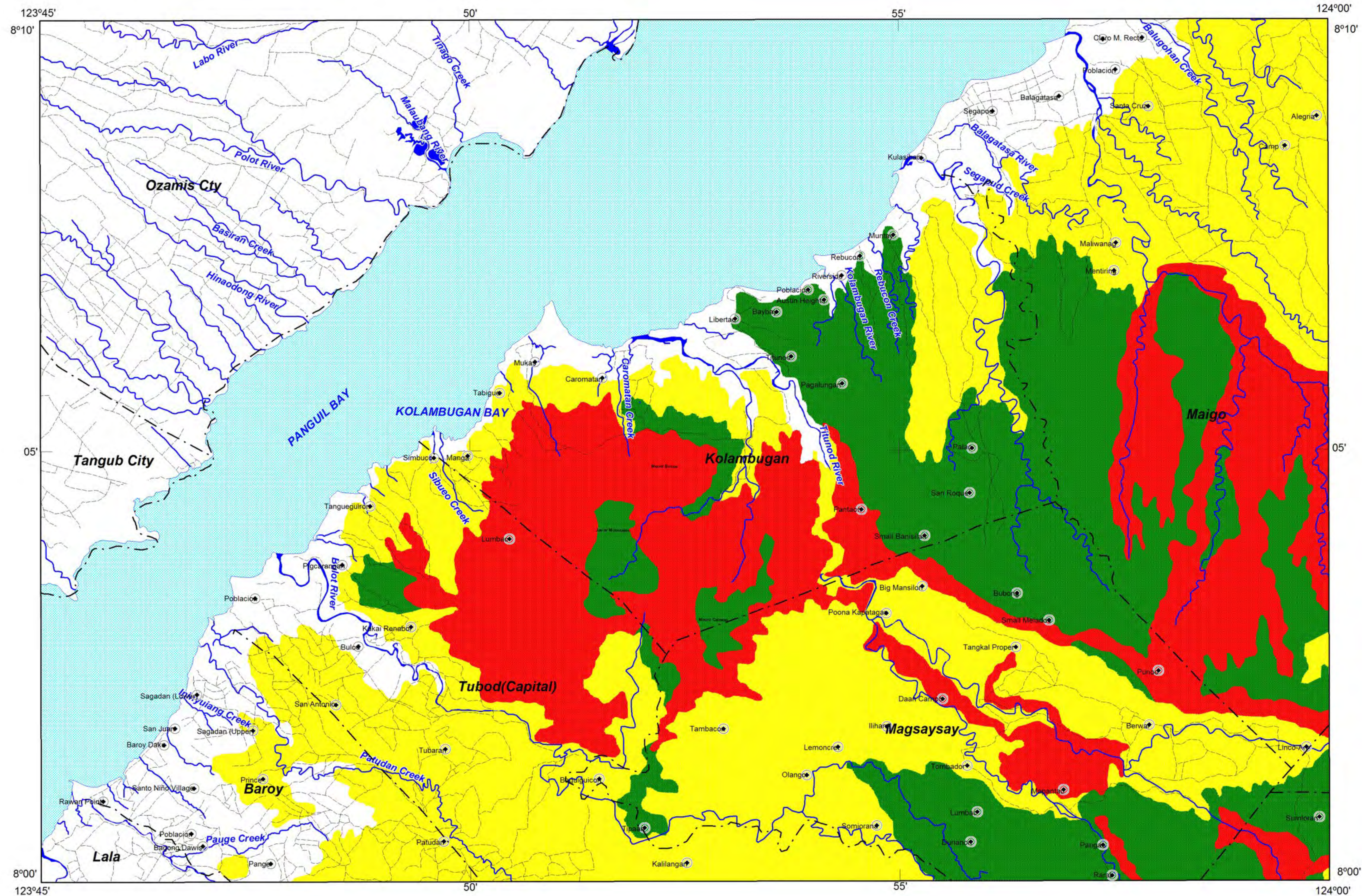
TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50,000

GIS Processing :
Lands Geological Survey Division

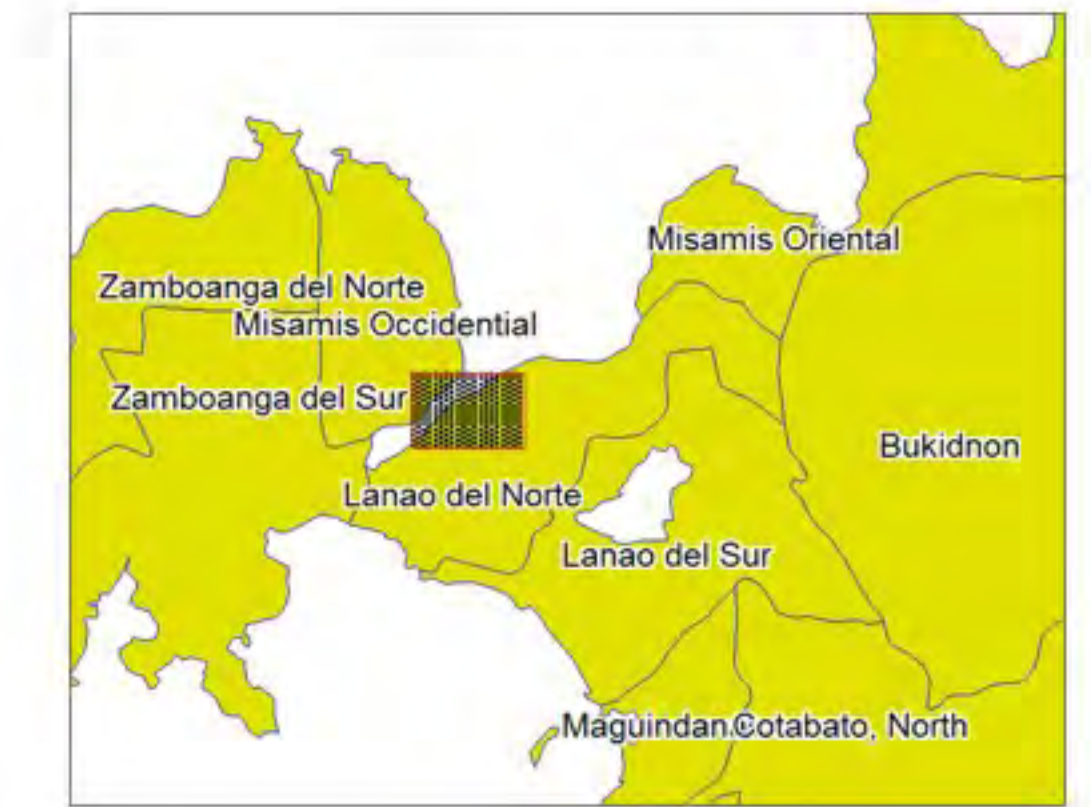
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO X

Base Map :
Sheet No. 3844 III "Mumungan Quadrangle"

LANDSLIDE SUSCEPTIBILITY MAP OF OZAMIS CITY QUADRANGLE LANAO DEL NORTE 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



0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50,000

GIS Processing :
Lands Geological Survey Division

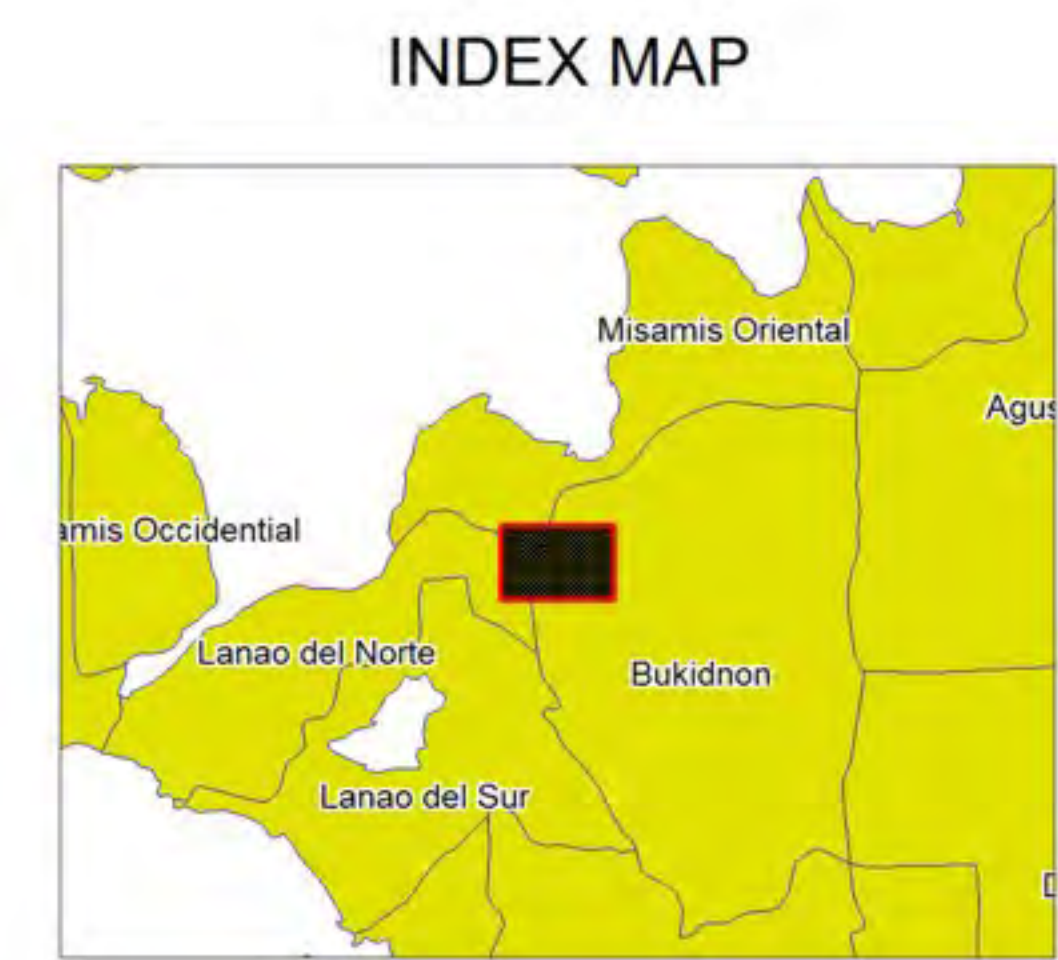
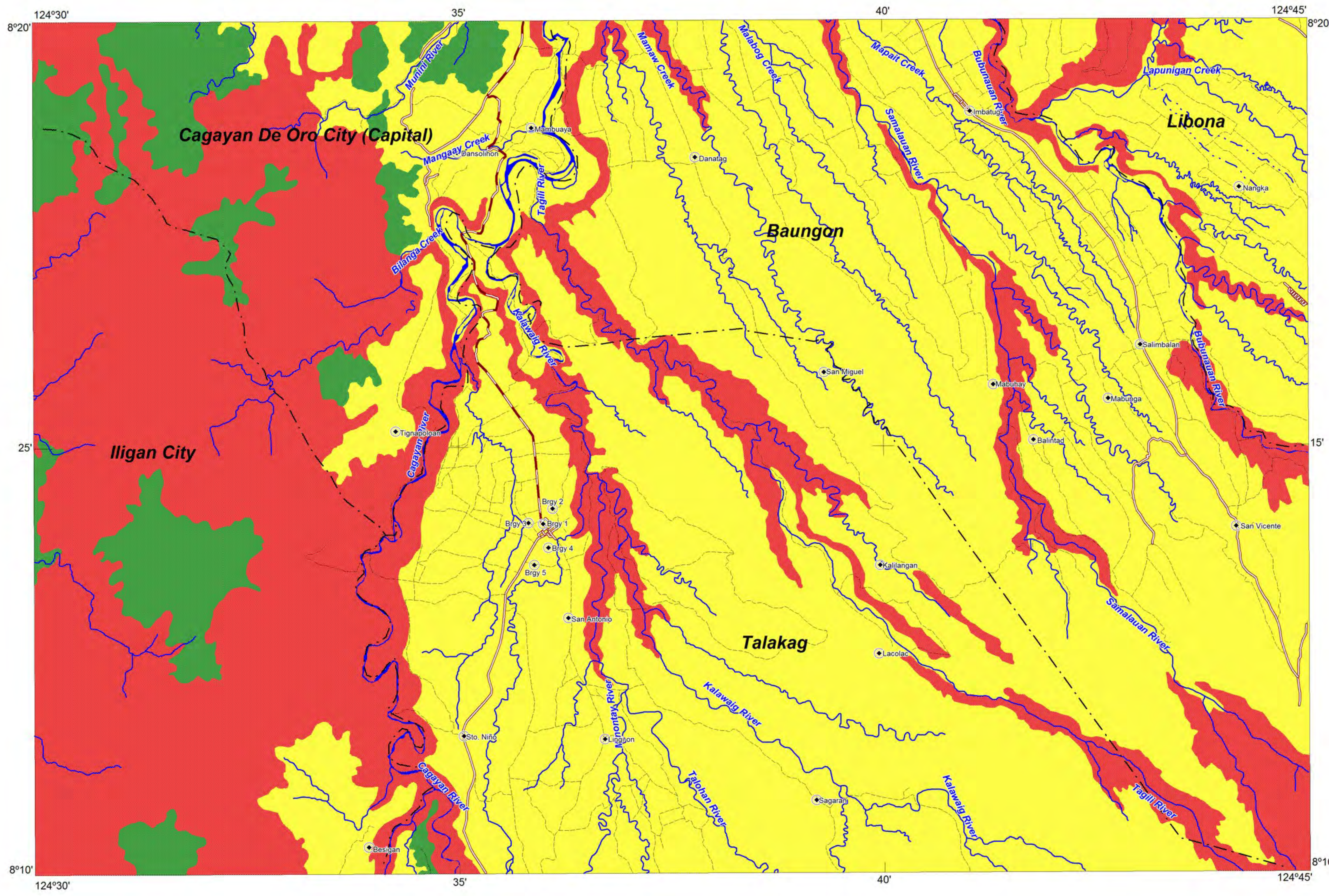
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB ARMM

Base Map :
Sheet No. 3744 II "Ozamis City Quadrangle"

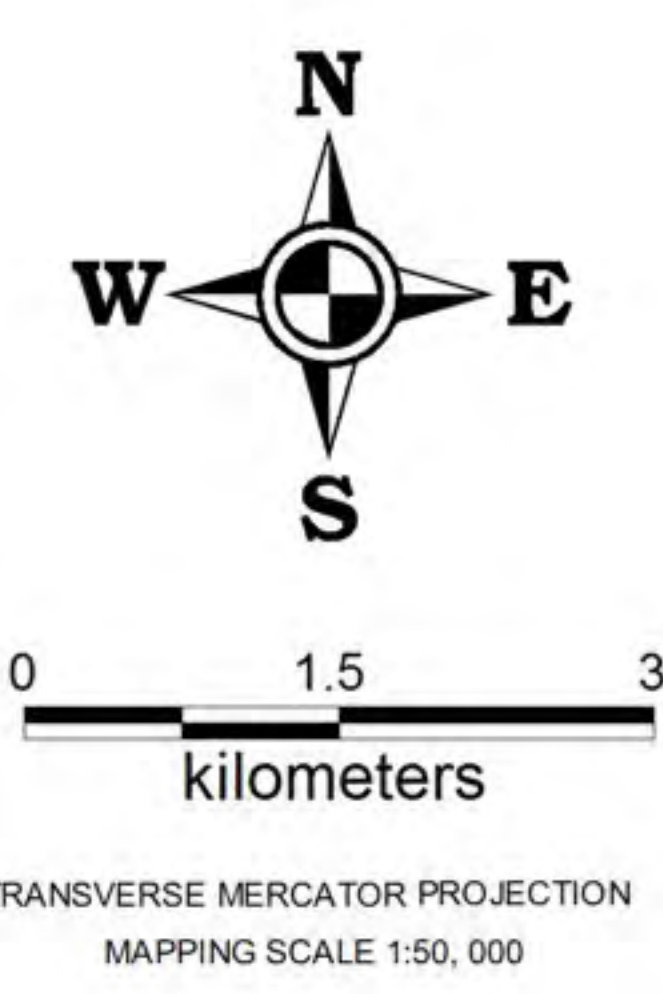


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LANDS GEOLOGICAL SURVEY DIVISION

LANDSLIDE SUSCEPTIBILITY MAP OF TALAKAG QUADRANGLE MISAMIS ORIENTAL, LANAOS DEL NORTE AND BUKIDNON PROVINCES, 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

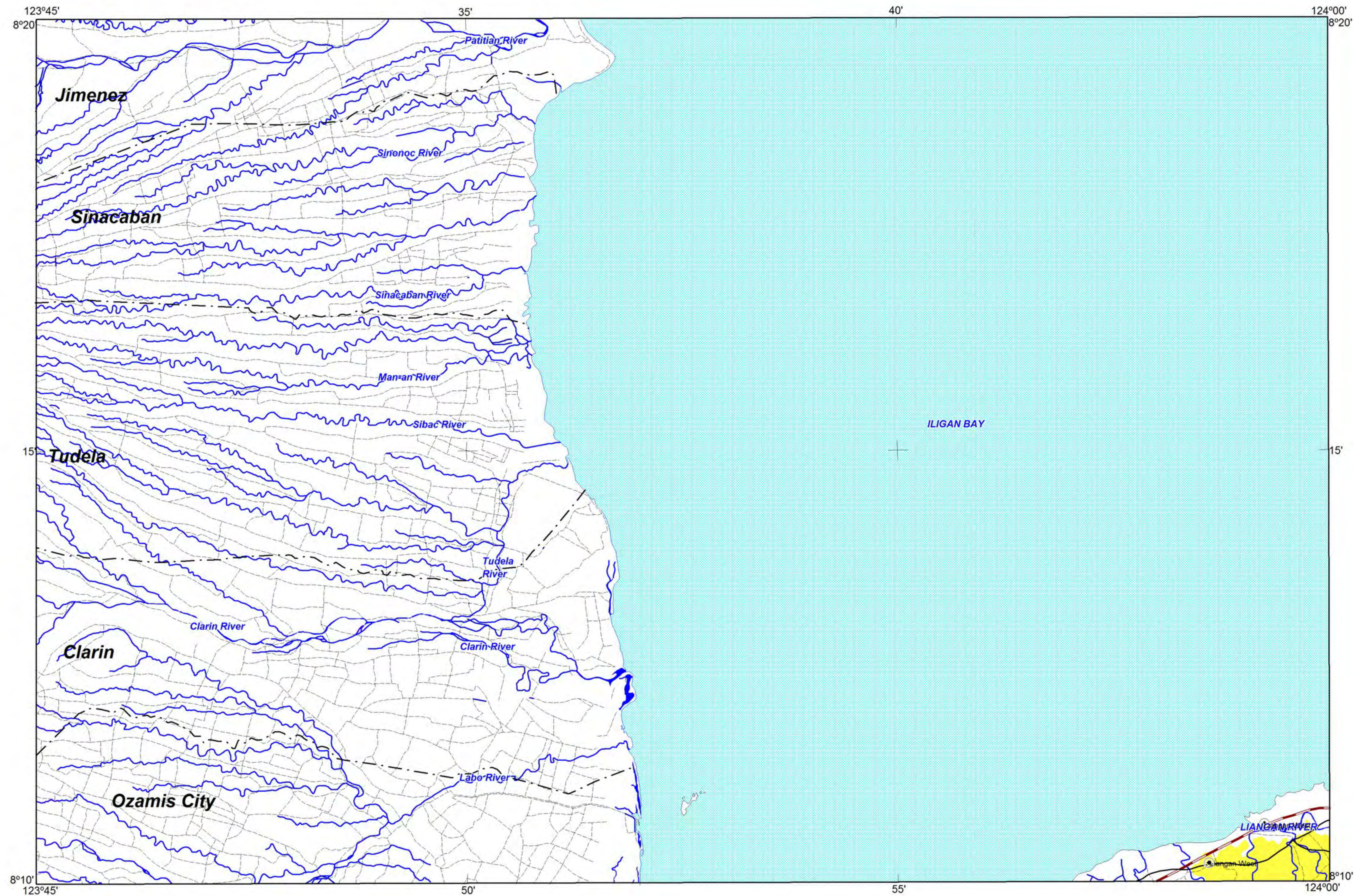


GIS Processing :
Lands Geological Survey Division

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

Base Map :
Sheet No. 3944 IV "Talakag Quadrangle"

LANDSLIDE SUSCEPTIBILITY MAP OF TUDELA QUADRANGLE MISAMIS OCCIDENTAL 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



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 X

Base Map :
Sheet No. 3744 I "Tudela Quadrangle"



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