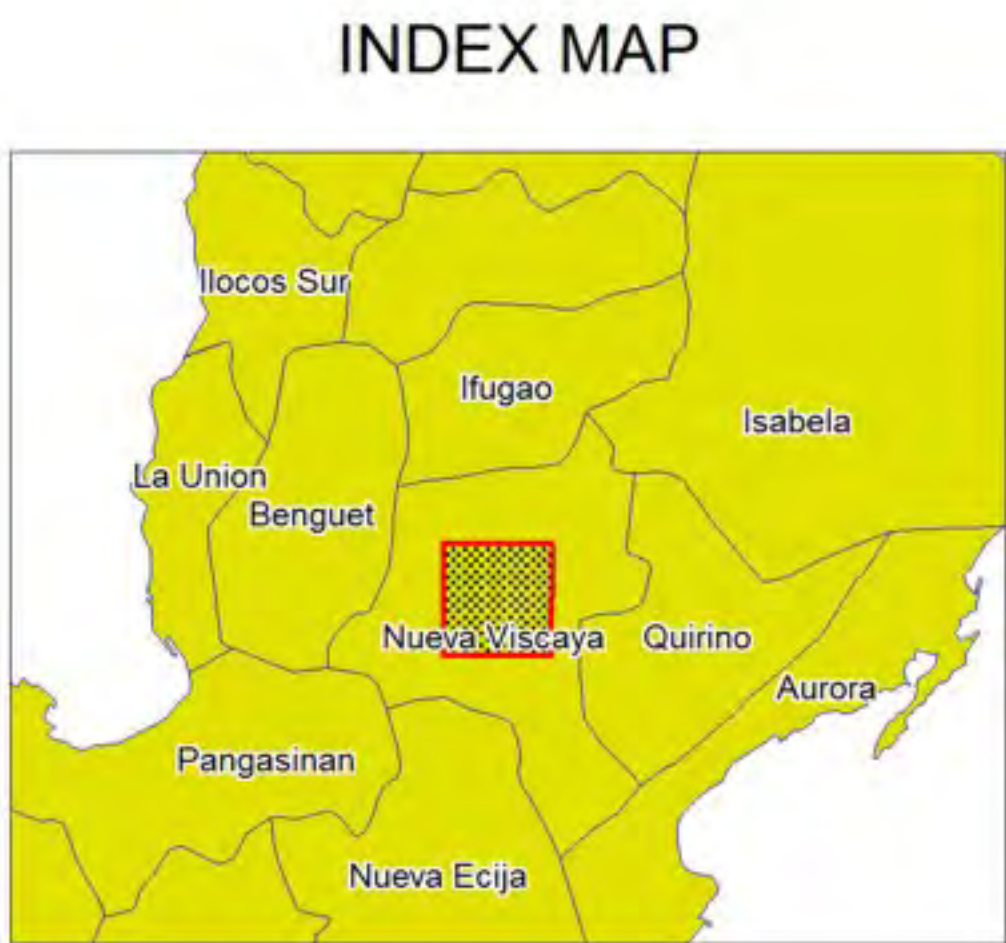
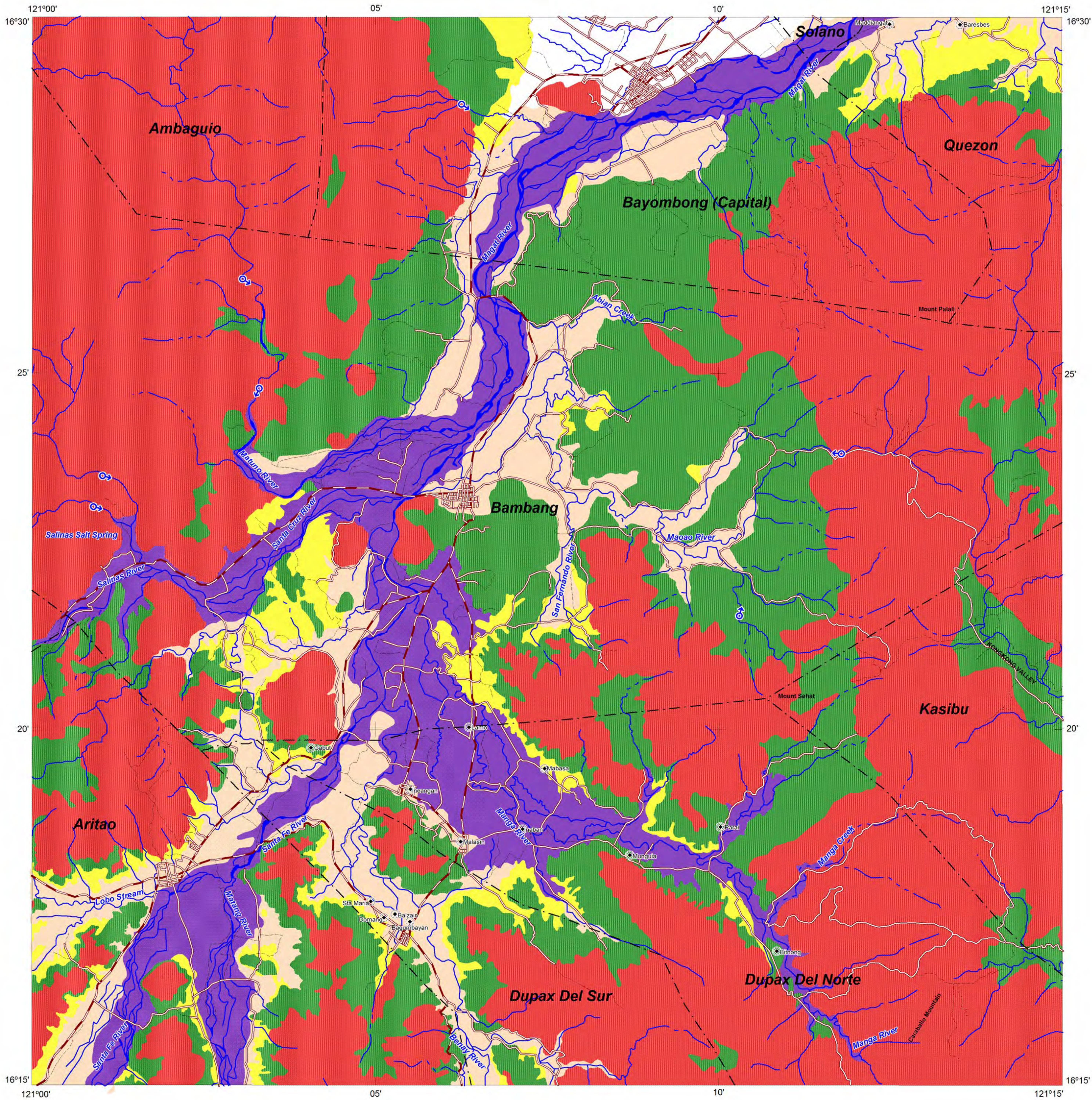
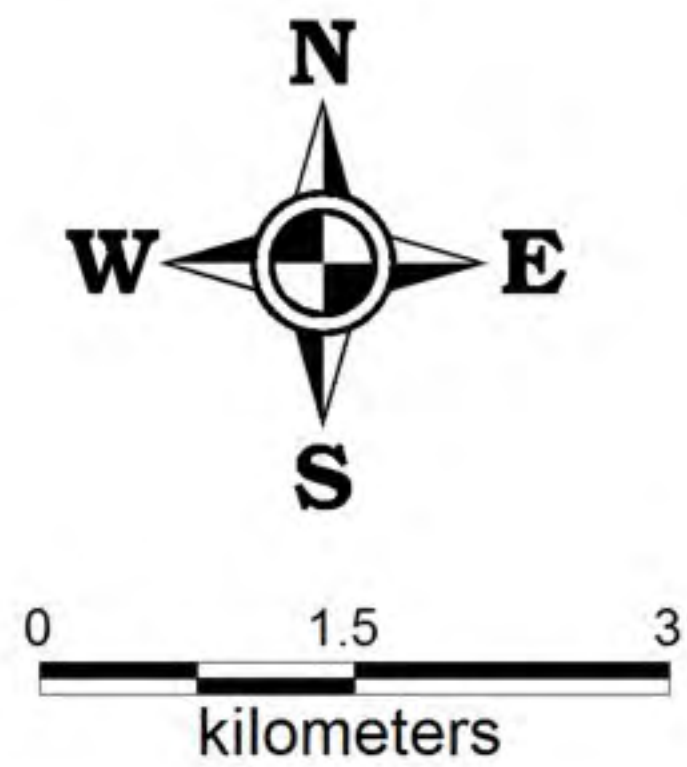


LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF BAYOMBONG QUADRANGLE NUEVA VIZCAYA PROVINCE, PHILIPPINES



- 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.
 - 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
- Flash flood exit point



TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50,000

GIS Processing :
Lands Geological Survey Division

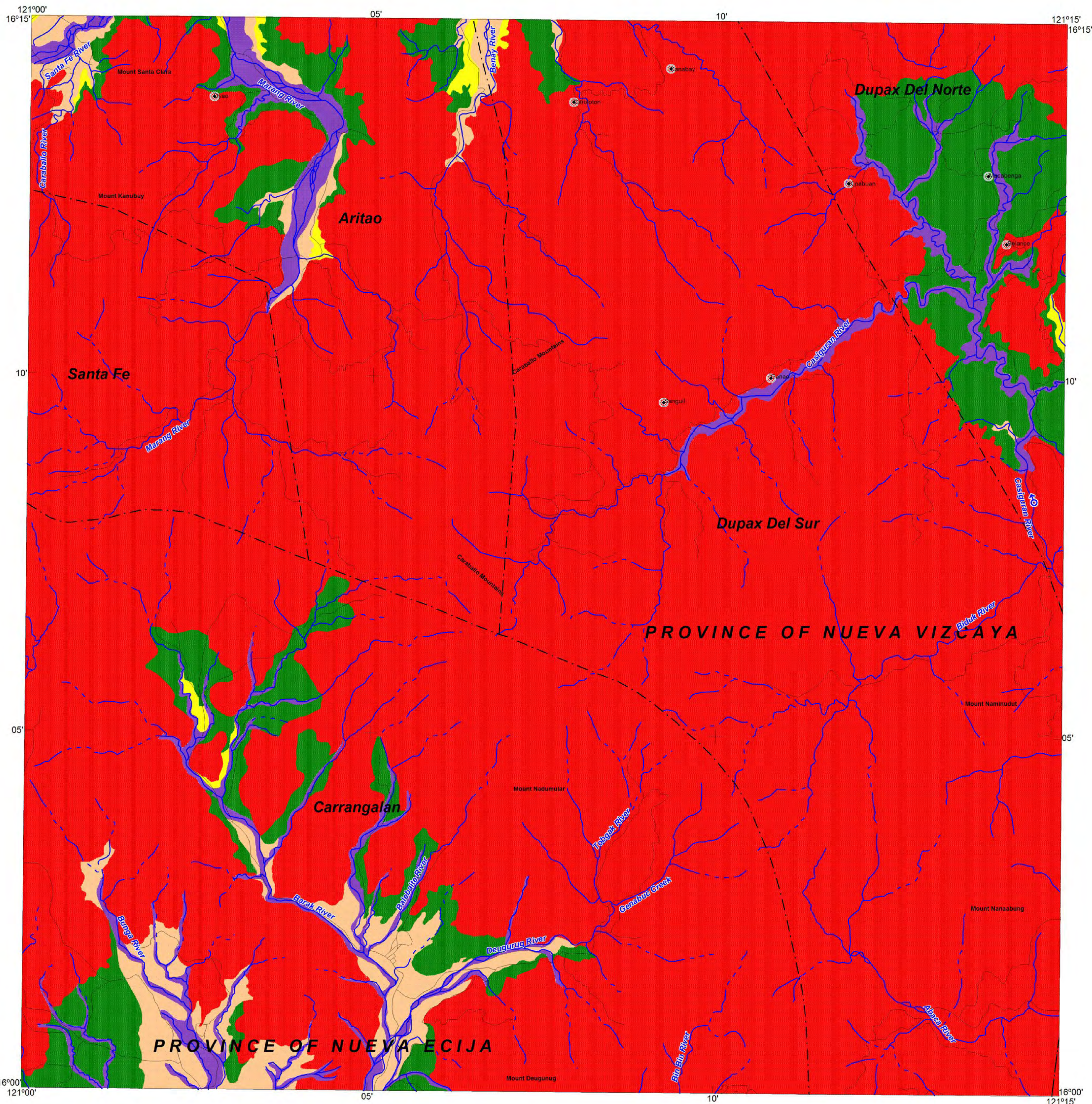
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO II

Base Map :
Sheet No. 7275 IV "Bayombong Quadrangle"

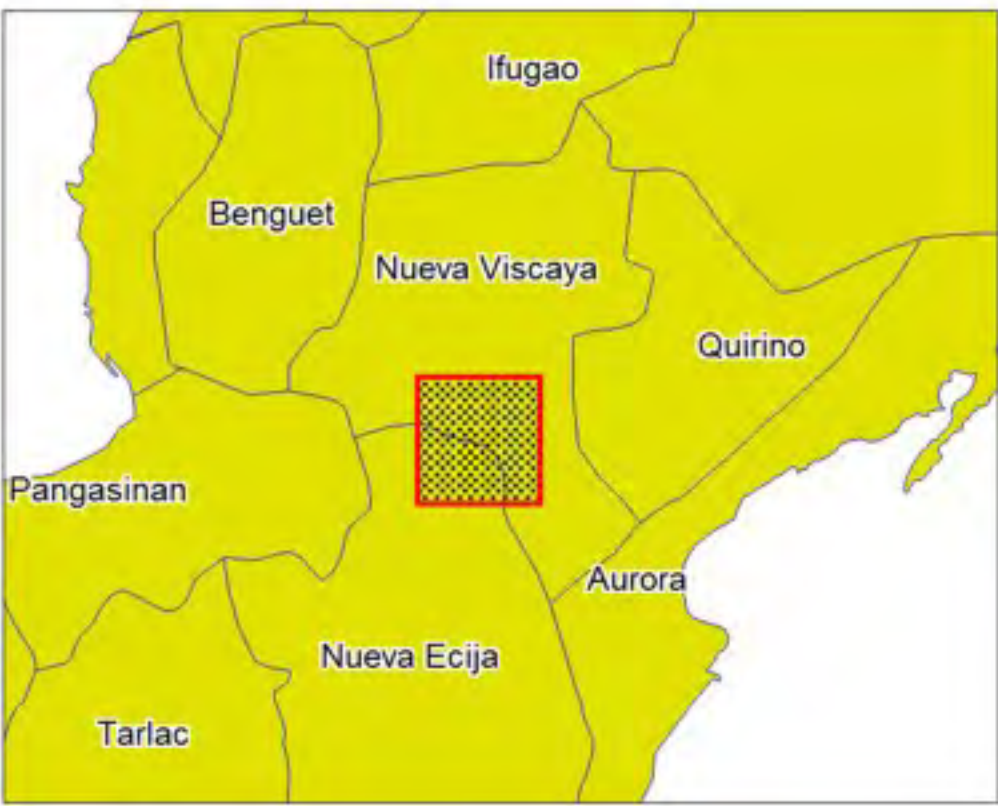


**DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
MINES AND GEOSCIENCES BUREAU
LANDS GEOLOGICAL SURVEY DIVISION**

LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF BURGOS QUADRANGLE NUEVA VIZCAYA AND NUEVA ECIJA PROVINCE, PHILIPPINES

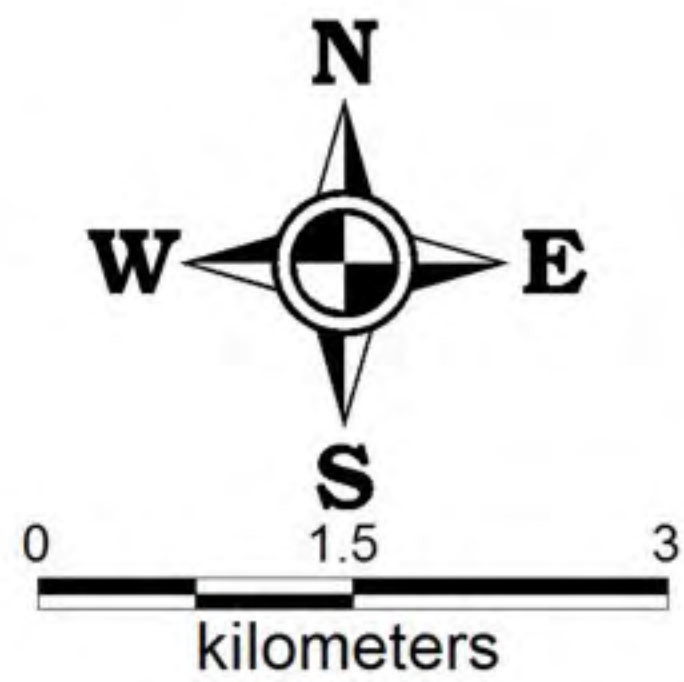


INDEX MAP



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
Flash flood exit point



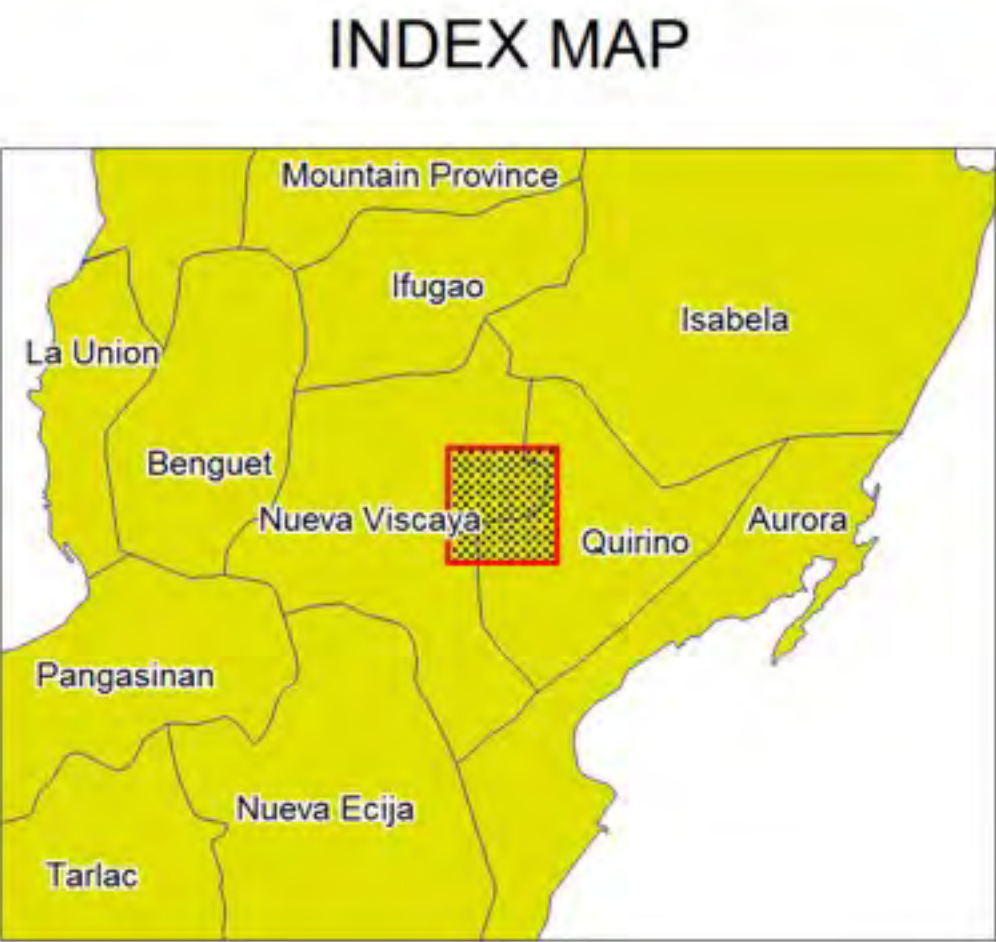
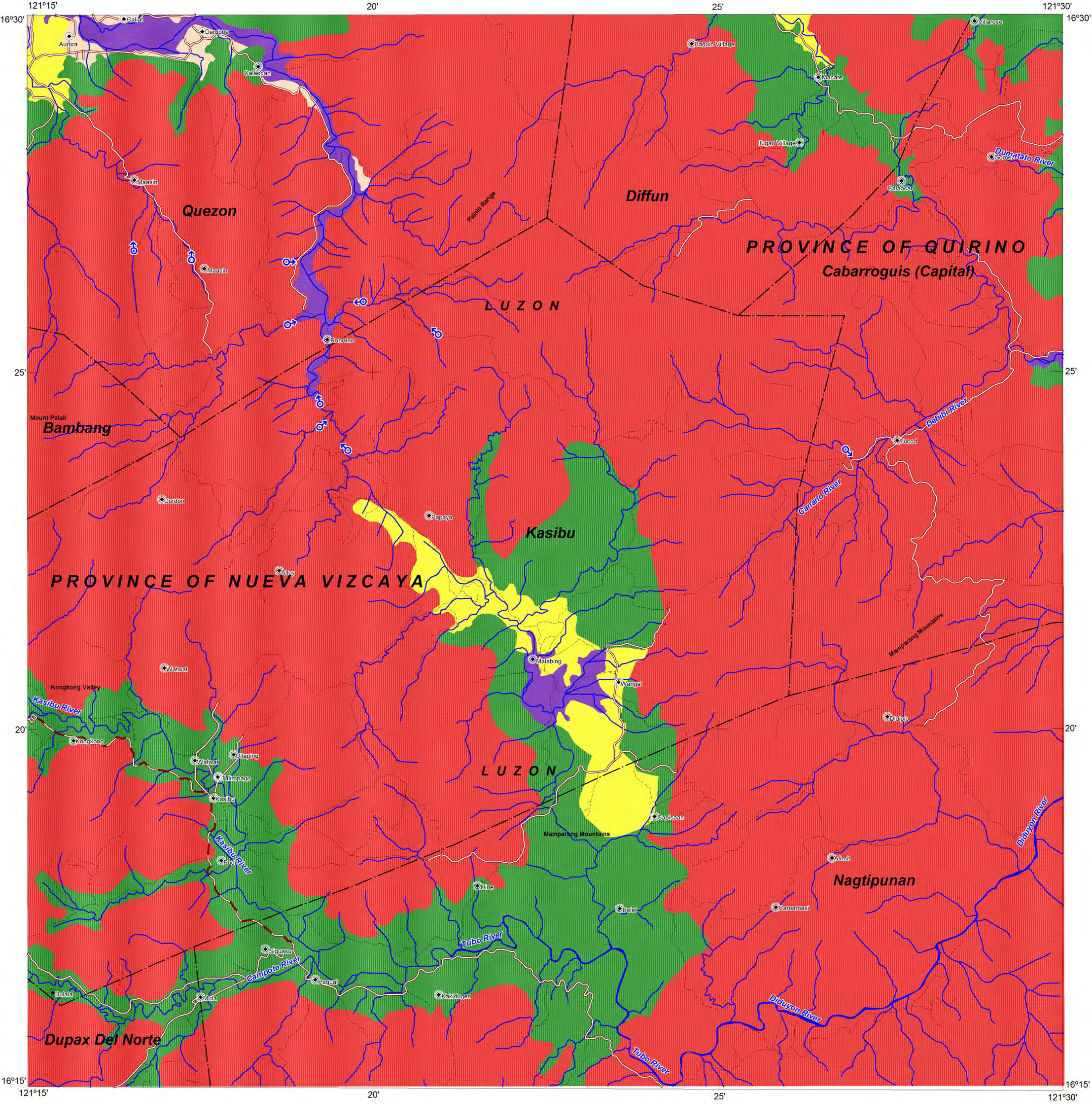
TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

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 II

Base Map :
Sheet No. 7275 III "Burgos Quadrangle"

LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF KASIBU QUADRANGLE, NUEVA VIZCAYA AND QUIRINO 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.

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

Flash flood exit point

N

W

E

S

0

1.5

3

kilometers

TRANSVERSE MERCATOR PROJECTION

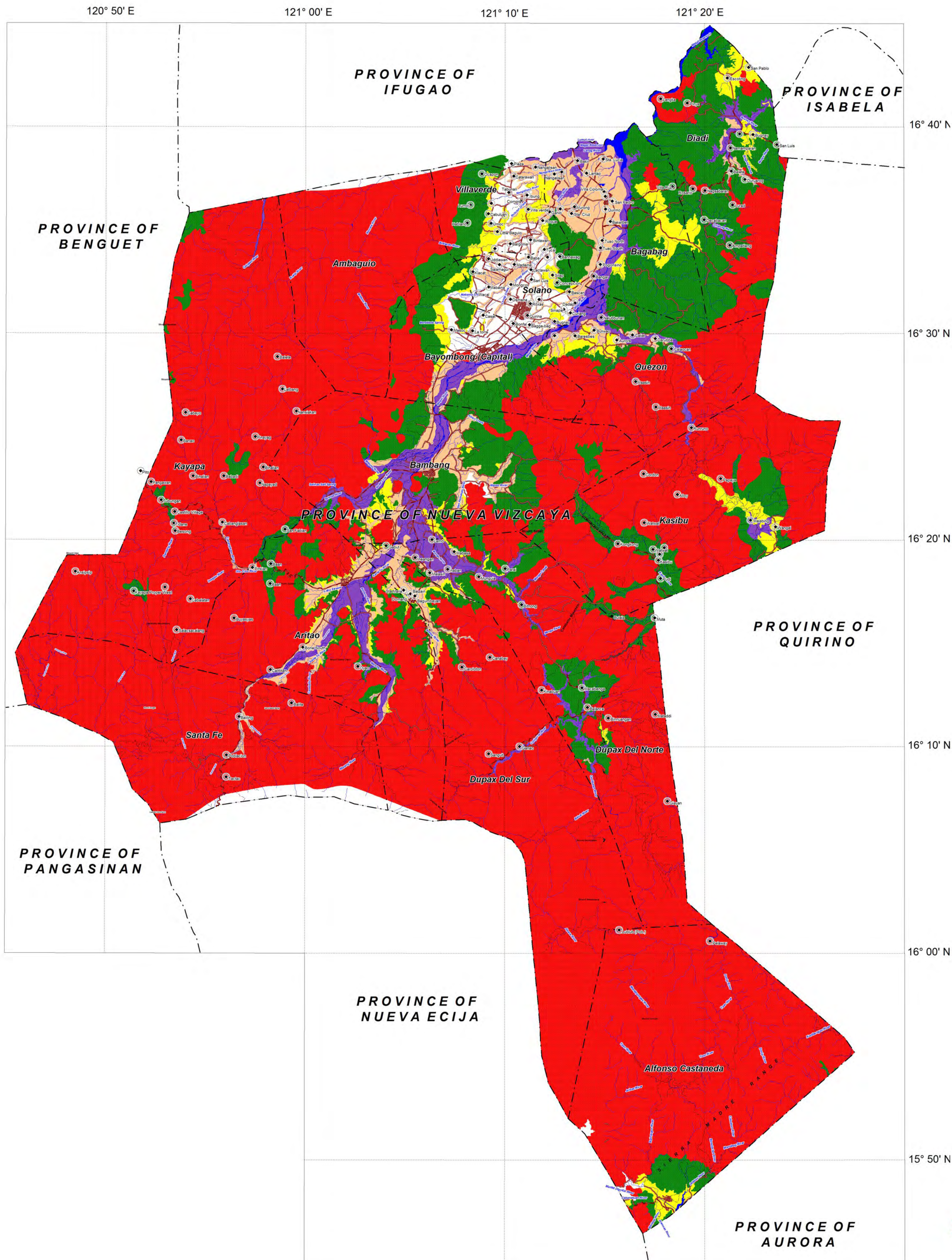
MAPPING SCALE 1:50, 000

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 II

Base Map :
Sheet No. 7275 I "Kasibu Quadrangle"

LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF NUEVA VIZCAYA 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.
- Possible landslide Debris Accumulation Zone**
These are areas where landslide debris could accumulate.
- 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



0 2.5 5
kilometers
TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50,000

GIS Processing :
Lands Geological Survey Division

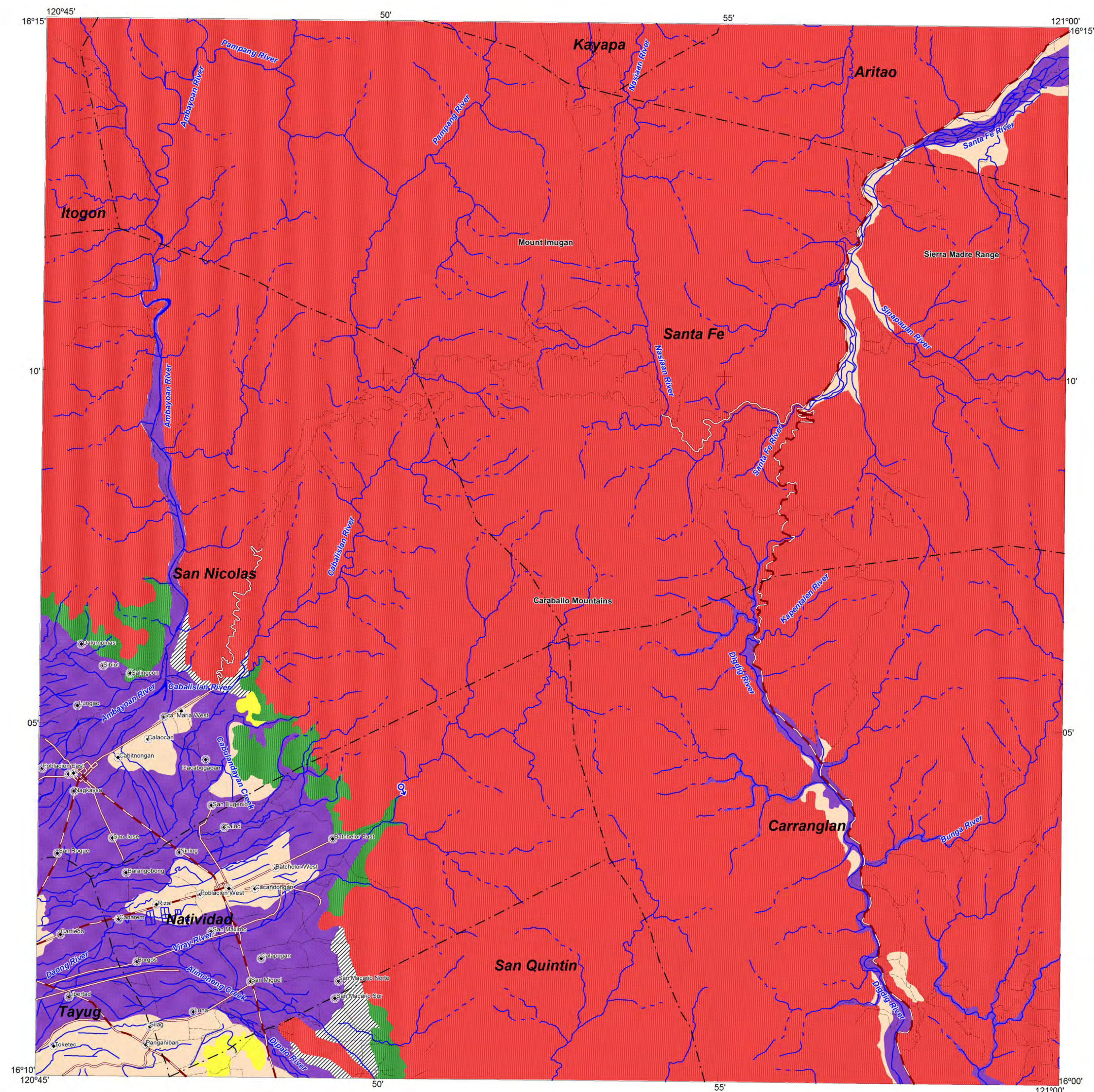
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO II

Base Maps :
Sheet No. 7176-II "Kabayan Quadrangle"
Sheet No. 7276-III "Solano Quadrangle"
Sheet No. 7276-II "Cordon Quadrangle"
Sheet No. 7175-I "Kayapa Quadrangle"
Sheet No. 7275-IV "Bayombong Quadrangle"
Sheet No. 7275-I "Kasibu Quadrangle"
Sheet No. 7175-II "San Nicolas Quadrangle"
Sheet No. 7275-III "Burgos Quadrangle"
Sheet No. 7275-II "Tauayan Quadrangle"
Sheet No. 7274-IV "Pantabangan Quadrangle"
Sheet No. 7274-I "Maria Aurora Quadrangle"



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF SAN NICOLAS QUADRANGLE PANGASINAN, NUEVA ECIJA AND NUEVA VIZCAYA PROVINCES, 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

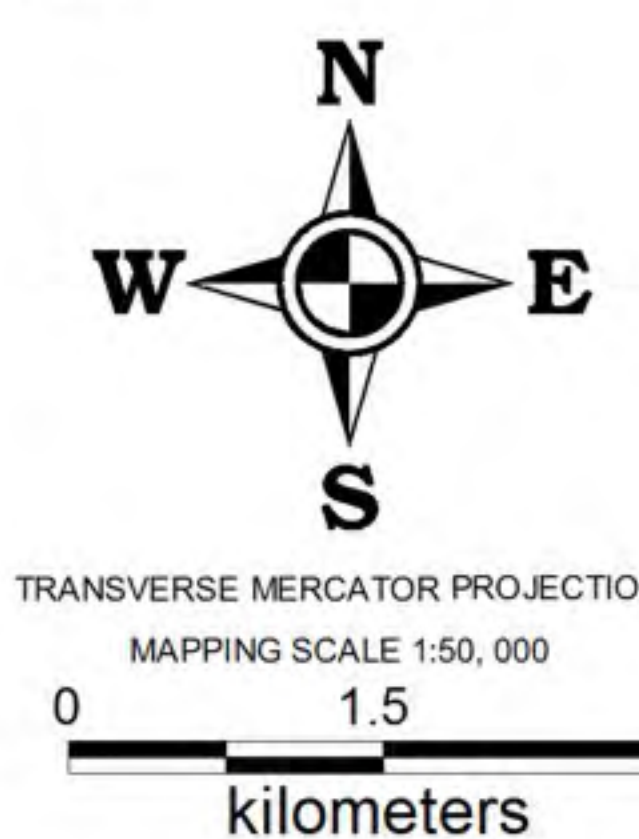
Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.
 - 
Low susceptibility to landslide

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.
 - 
Possible landslide Debris Accumulation Zone

These are areas where landslide debris could accumulate.
 - 
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
 - 
Barangay center location
 - 
River
 - 
Flash flood exit point
 - 
Municipal boundary



GIS Processing :
Lands Geological Survey Division

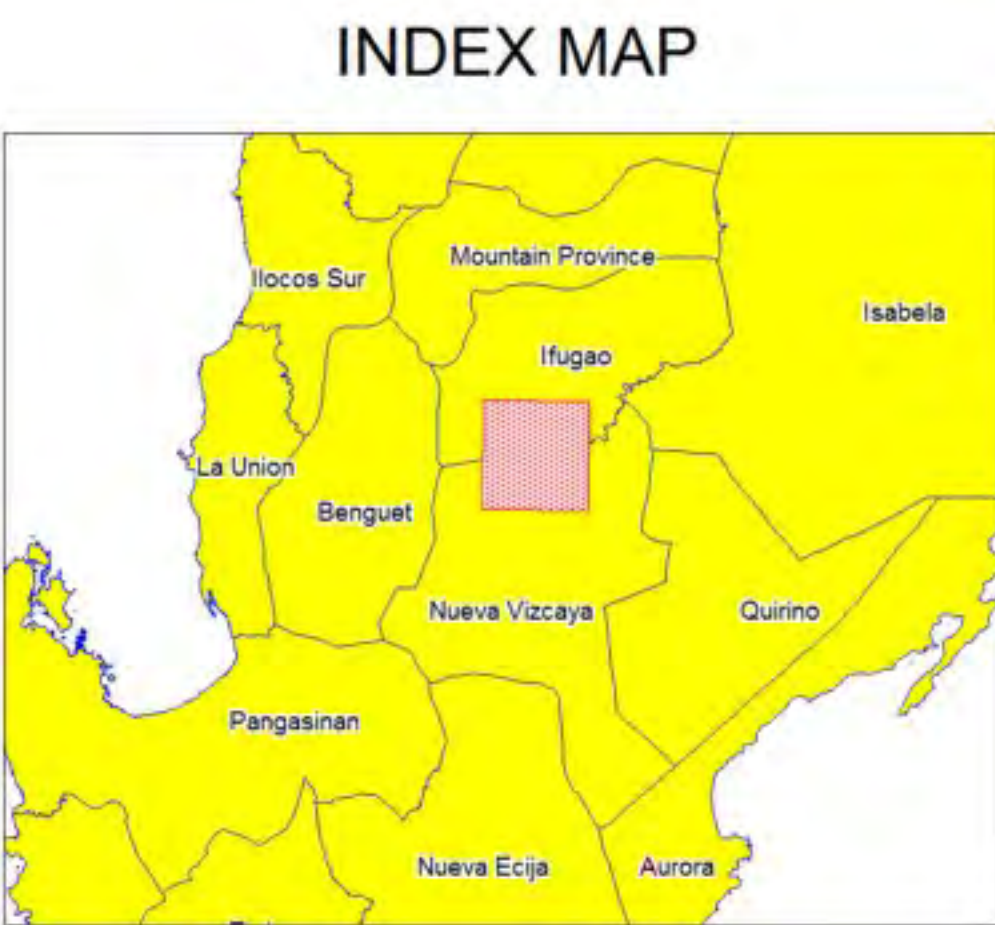
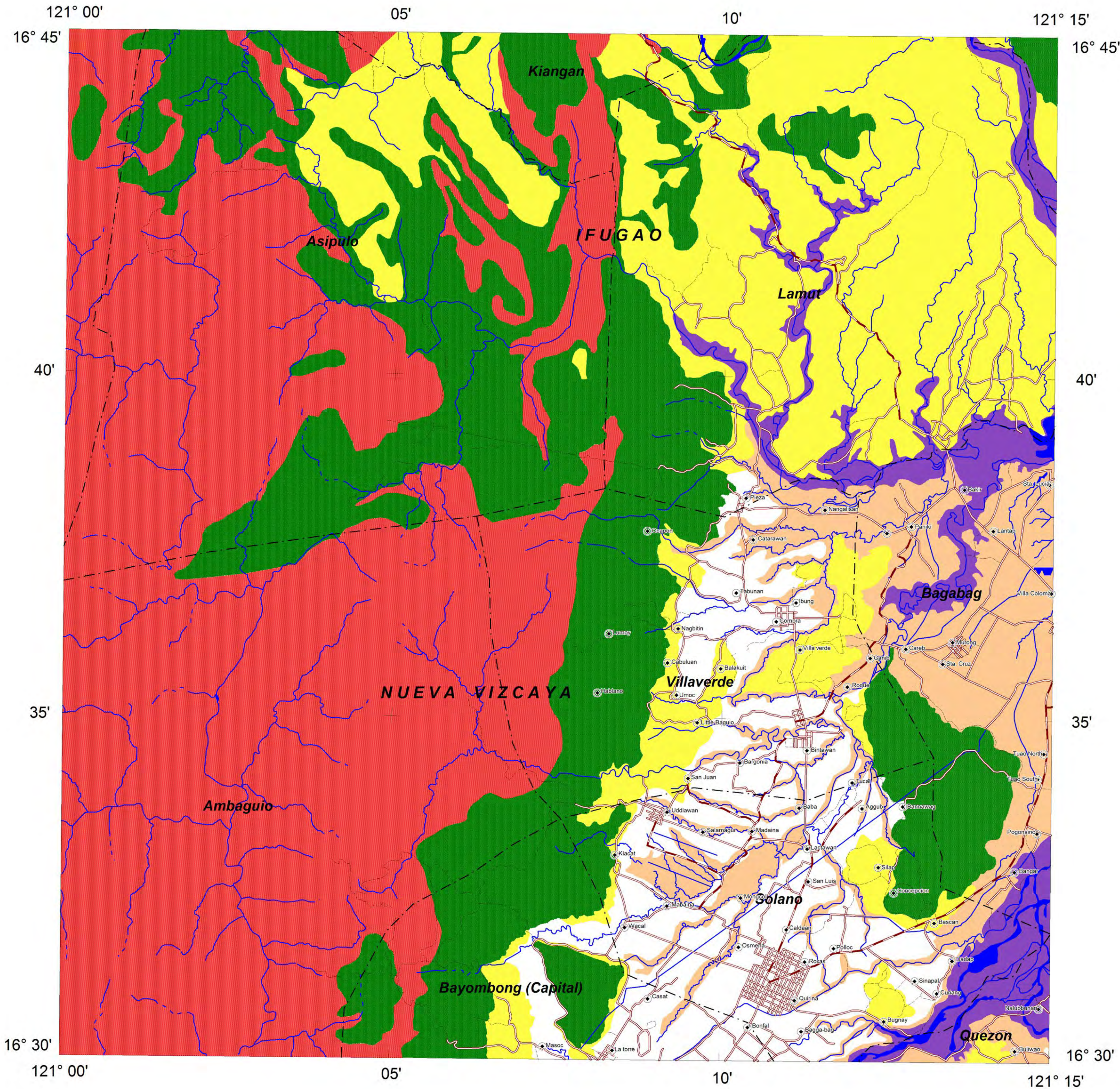
Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO I and II

Base Map :
Sheet No. 7175 II "San Nicolas Quadrangle"



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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LANDS GEOLOGICAL SURVEY DIVISION

LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF SOLANO QUADRANGLE
IFUGAO AND NUEVA VIZCAYA 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.
 - 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.
 - Areas Not Susceptible to Flood**
Areas where elevation is greater than 20 meters.

- Main Road
- Secondary Road
- Trail
- 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 CAR

Base Map :
Sheet No. 7276 III "Solano Quadrangle"

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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