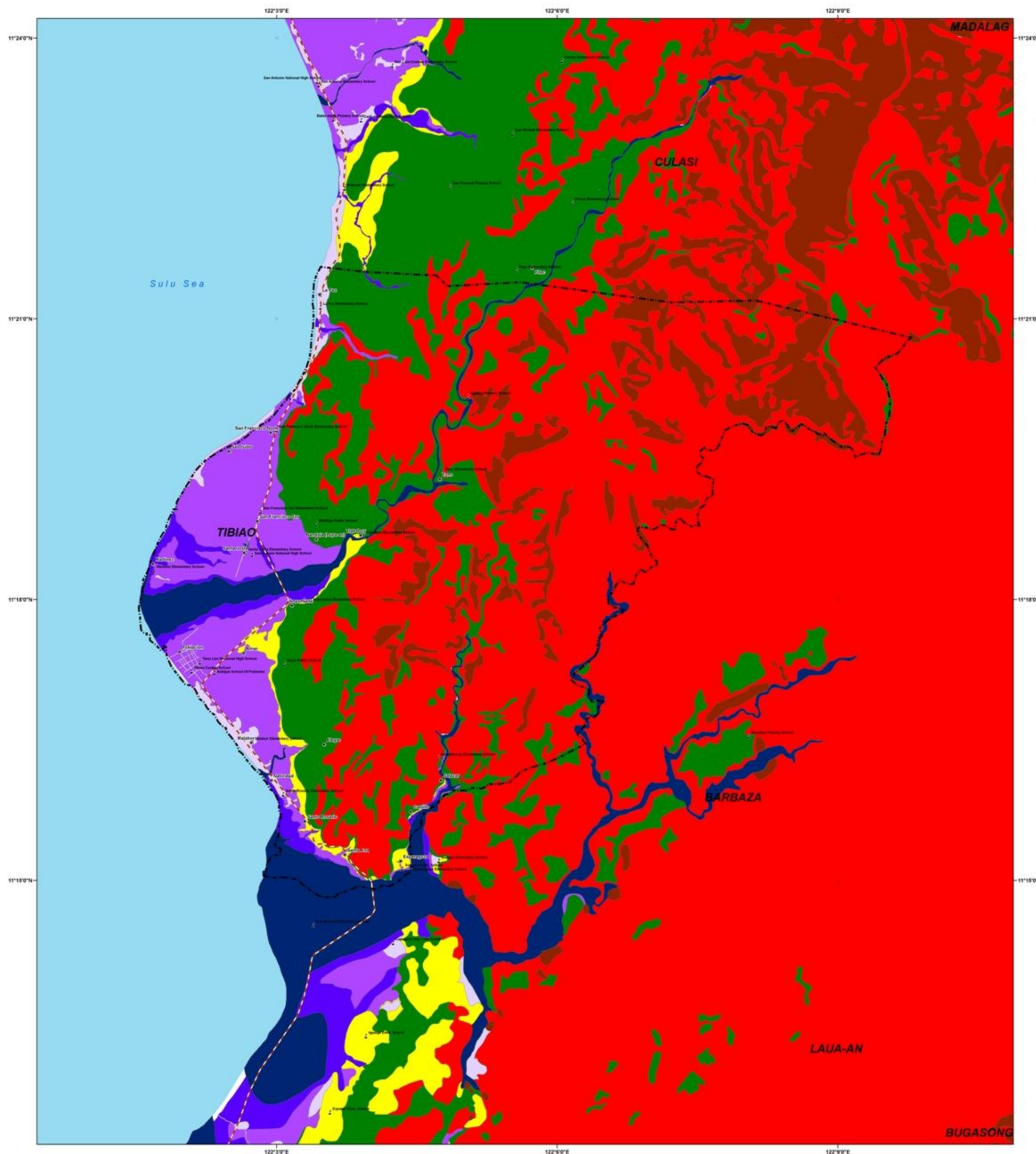




PRELIMINARY DETAILED GEOHAZARD MAP OF THE MUNICIPALITY OF TIBIAO, PROVINCE OF ANTIQUE, PHILIPPINES

Based on 1:10,000 scale Geohazard Map



LEGEND :

Landslide

- Very high landslide susceptibility**
Areas usually with steep to very steep slopes and underlain by weak materials. Recent landslides, escarpments and tension cracks are present. Human initiated effects could be an aggravating factor.
- High landslide susceptibility**
Areas usually with steep to very steep slopes and underlain by weak materials. Areas with numerous old/inactive landslides.
- Moderate landslide susceptibility**
Areas with moderately steep slopes. Soil creep and other indications of possible landslide occurrence are present.
- Low landslide susceptibility**
Gently sloping areas with no identified landslide.
- Debris flow / Possible accumulation zone**
Areas that could be affected by landslide debris.

Flooding

- Very high flood susceptibility**
Areas likely to experience flood heights of greater than 2 meters and/or flood duration of more than 3 days. These areas are immediately flooded during heavy rains of several hours, include landforms of topographic lows such as active river channels, abandoned river channels and area along river banks, also prone to flashfloods.
- High flood susceptibility**
Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of more than 3 days. These areas are immediately flooded during heavy rains of several hours, include landforms of topographic lows such as active river channels, abandoned river channels and area along river banks, also prone to flashfloods.
- Moderate flood susceptibility**
Areas likely to experience flood heights between 0.5 and 1 meter and/or flood duration of 1 to 3 days. These areas are subject to widespread inundation during prolonged and extensive heavy rainfall or extreme weather condition. Fluvial terraces, alluvial fans, and infilled valleys are areas moderately subjected to flooding.
- Low flood susceptibility**
Areas likely to experience flood heights of 0.5 meter or less and/or flood duration of less than 1 day. These areas include low hills and gentle slopes. They also have sparse to moderate drainage density.

- Main Road
- Secondary Road
- Track; trail
- River
- Municipal Boundary
- Barangay center location
- Purok/Sito location
- School
- Hospital
- Areas susceptible to ground subsidence/sinkhole development
- Recent landslide deposit
- Old landslide deposit
- Active landslide
- Inactive landslide
- Landslide area with engineering measures
- Soil Creep
- Areas susceptible to rockfall
- Gully Development

Province of Antique
Region VI



0 500 1000
Meters



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
MINES AND GEOSCIENCES BUREAU
North Avenue, Diliman, Quezon City

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DECEMBER 2015

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 Region VI
National Mapping and Resource Information Authority

Spheroid : Clark 1866
Projection : Transverse Mercator
Datum : Luzon 1911