LANDSLIDE SUSCEPTIBILITY MAP

MUNICIPALITY OF MARIHATAG

Province of Surigao del Sur

(10k Baseline Data)

Tago

Bayabas

San Miguel

Cagwait

San Agustin

Prosperidad

Lianga

LEGEND:

- Municipality
- Barangay
- Purok
- School
- Health Facility
- Proposed Evacuation
- Regional Boundary
- Provincial Boundary
- Municipal Boundary
- Shoreline
- River & Creek
- Road Network
- Accumulation Zone
- Scarp & Tension Crack

LANDSLIDE SUSCEPTIBILITY

- Very High
- High
- Moderate
- Low

LANDSLIDE

VERY HIGH
Areas usually with steep to very steep slopes and underlain by weak materials. Recent landslides, escarpments and tension cracks may be present. Human initiated effects could be an aggravating factor.

HIGH
Areas usually with steep to very steep slopes and underlain by weak materials. Areas with numerous old and inactive landslides.

MODERATE
Areas with moderately steep slopes. Soil creep and other indications for possible landslide occurrence are present.

LOW
Gently sloping areas with no identified landslides.

ACCUMULATION ZONE
Areas that could be affected by landslide debris.

FLOOD

VERY HIGH
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 lowlands, flat areas, and areas of topographic lows such as active river channels, abandoned river channels and area along river banks; also prone to flashfloods.

HIGH
Areas likely to experience flood heights of 1.5 to 2.0 meters and/or flood duration of 1 to 3 days. These areas are immediately flooded during heavy rains of several hours; include lowlands, flat areas of topographic lows such as active river channels, abandoned river channels and area along river banks; also prone to flashfloods.

MODERATE
Areas likely to experience flood heights between 0.5 and 1 meters 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. Found terraces, alluvial fans, and infilled valleys are areas moderately subjected to flooding.

LOW
Areas likely to experience flood height 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.

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Province of Surigao del Sur Index Map

Caraga Region Index Map

0 250 500 1,000 1,500 2,000
Meters

1:40,000

GCS - Luzon 1911