

LANDSLIDE SUSCEPTIBILITY MAP
MUNICIPALITY OF CAGWAIT
Province of Surigao del Sur
(10k Baseline Data)

LEGEND:

- Municipality
- Barangay
- Purok
- School
- Health Facility
- 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, movements, and seismic cracks are present. Human related 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.

FLOODS

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 landforms 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 1.0 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
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. Flood impacts, usual fish and inland valleys are areas moderately subjected to flooding.

LOW
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 spaces to moderate drainage density.



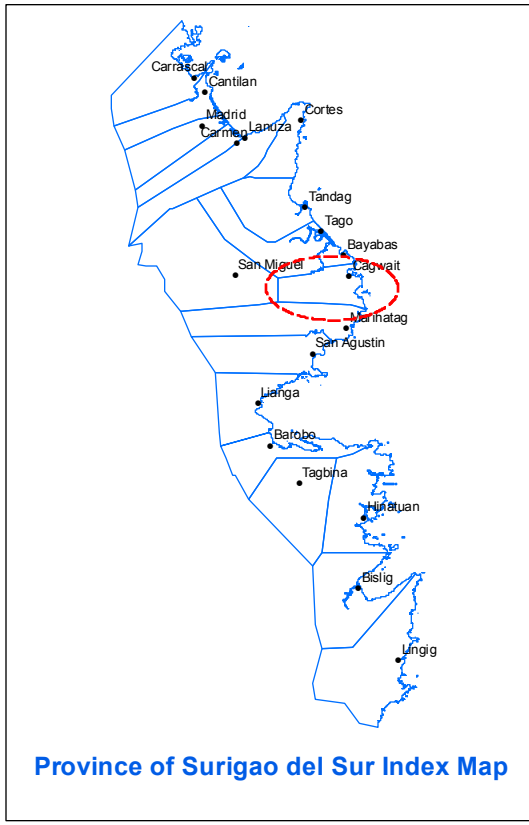
Department of Environment and Natural Resources

MINES AND GEOSCIENCES BUREAU

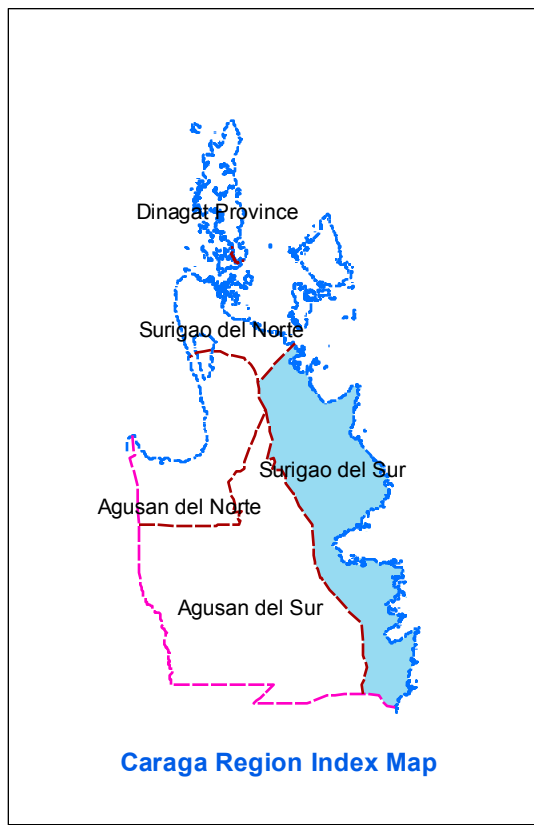
Caraga Regional Office No. XIII

Tel. No. (086) 826-5255

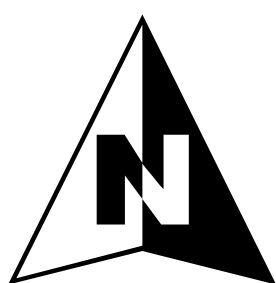
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Province of Surigao del Sur Index Map



Caraga Region Index Map



0 200 400 800 1,200 1,600
Meters

1:30,000
GCS - Luzon 1911