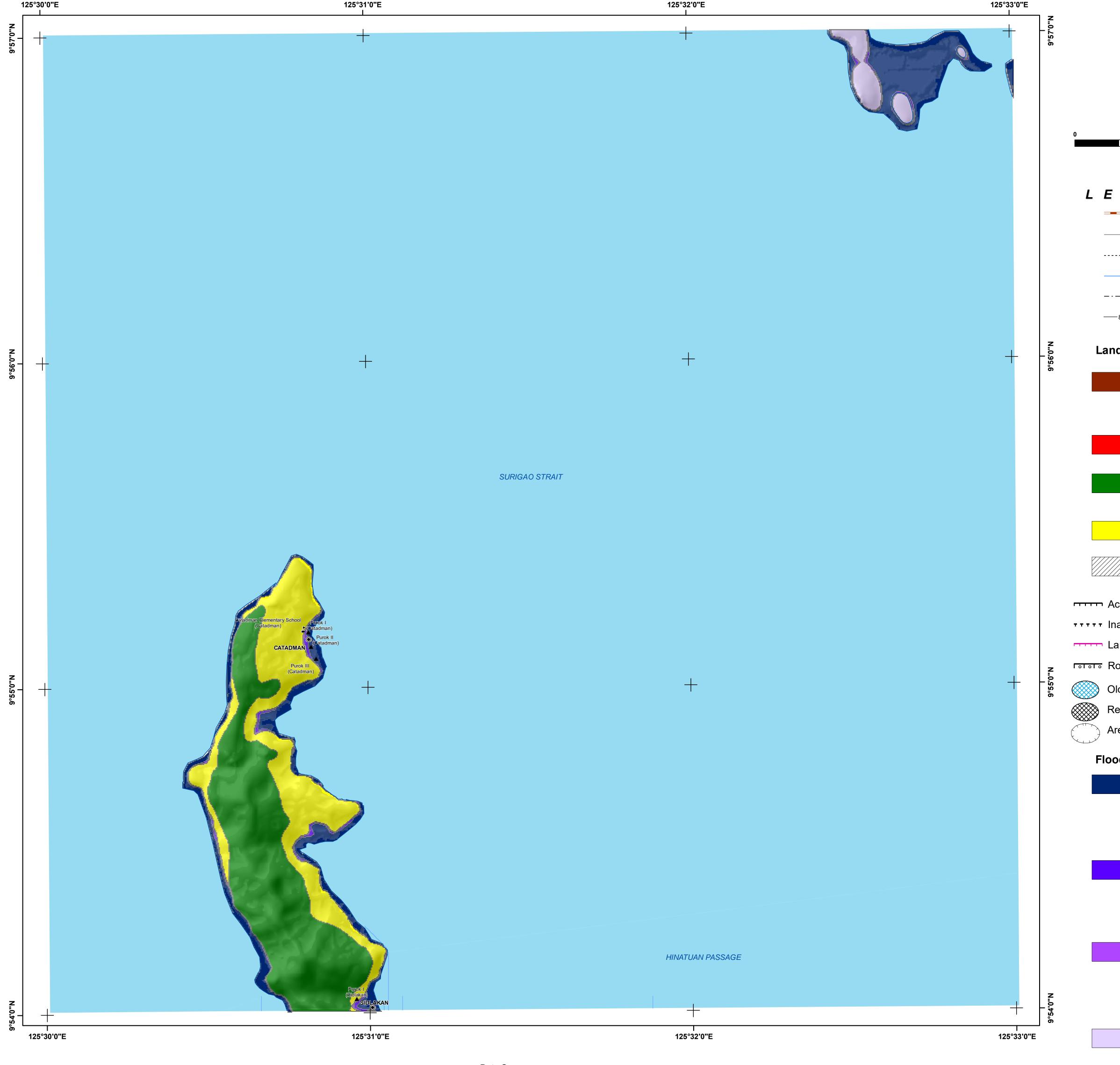


## **DETAILED LANDSLIDE AND FLOOD HAZARD MAP OF** SURIGAO CITY (CAPITAL), SURIGAO DEL NORTE; AND DINAGAT, DINAGAT ISLANDS, PHILIPPINES **4120-IV-6 LIBUAC QUADRANGLE**

125°31'0"E





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

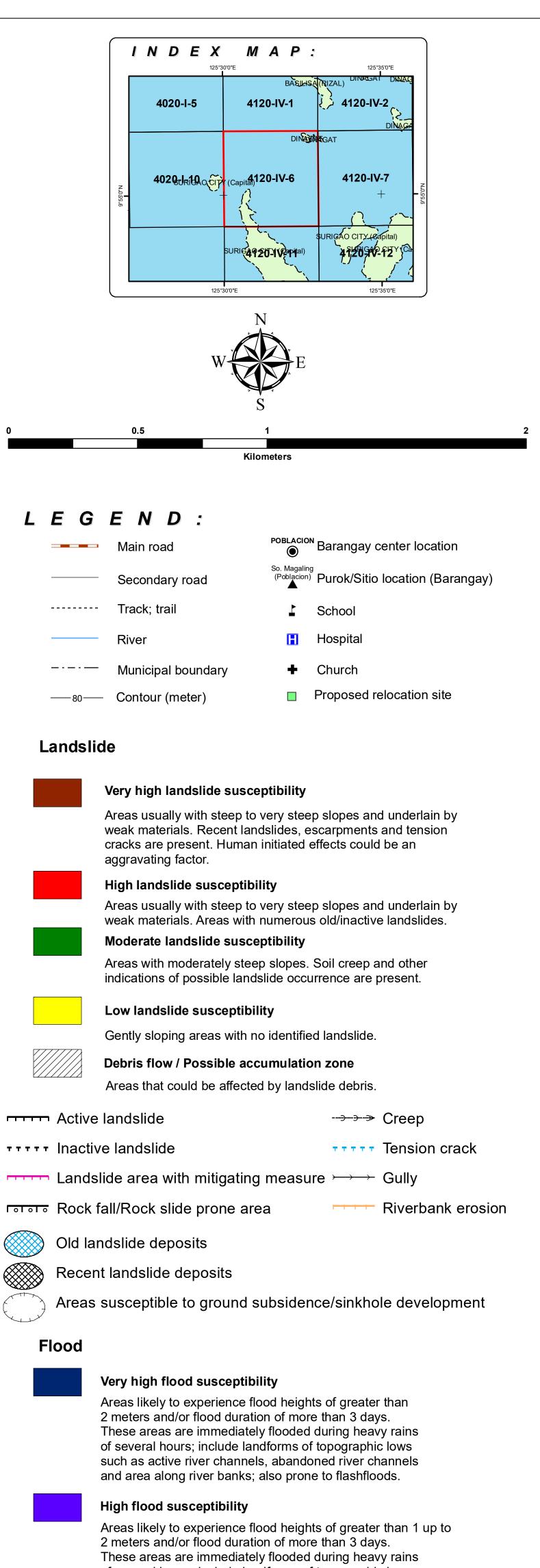
**Data Sources :** 

GIS Processing :

MGB Geohazard Assessment Team Lands Geological Survey Division Geosciences Division MGB Regional Office XIII National Mapping and Resource Information Authority Coordinate System :

Spheroid :.... Clark 1866 Datum :..... Luzon 1911

Mapping scale 1:10,000



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 of greater than 0.5m up to 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.

Direction of rising floodwater Direction of receding floodwater



 $\overset{1.2}{\otimes}$  Flood depth (meter)

Flashflood exit point