

125°51'0"E

## DETAILED LANDSLIDE AND FLOOD HAZARD MAP OF CARMEN AND LANUZA, SURIGAO DEL SUR; AND SIBAGAT, AGUSAN DEL SUR, PHILIPPINES **4119-II-13 CANCAVAN QUADRANGLE** 125°52'0"E 125°53'0"E



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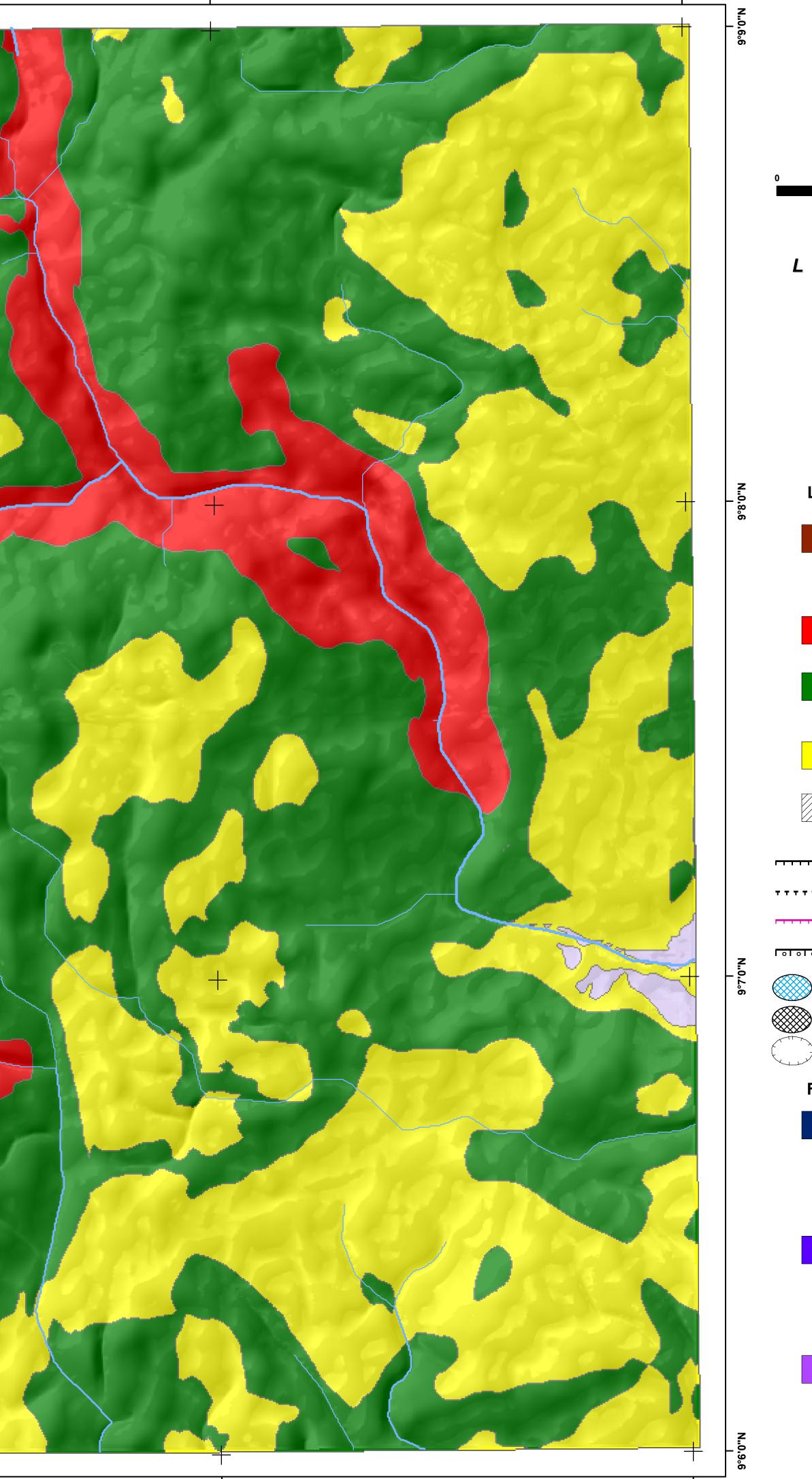
125°51'0"E

125°52'0"E



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

**Data Sources :** MGB Geohazard Assessment Team Lands Geological Survey Division Geosciences Division MGB Regional Office XIII National Mapping and Resource Information Authority



125°53'0"E

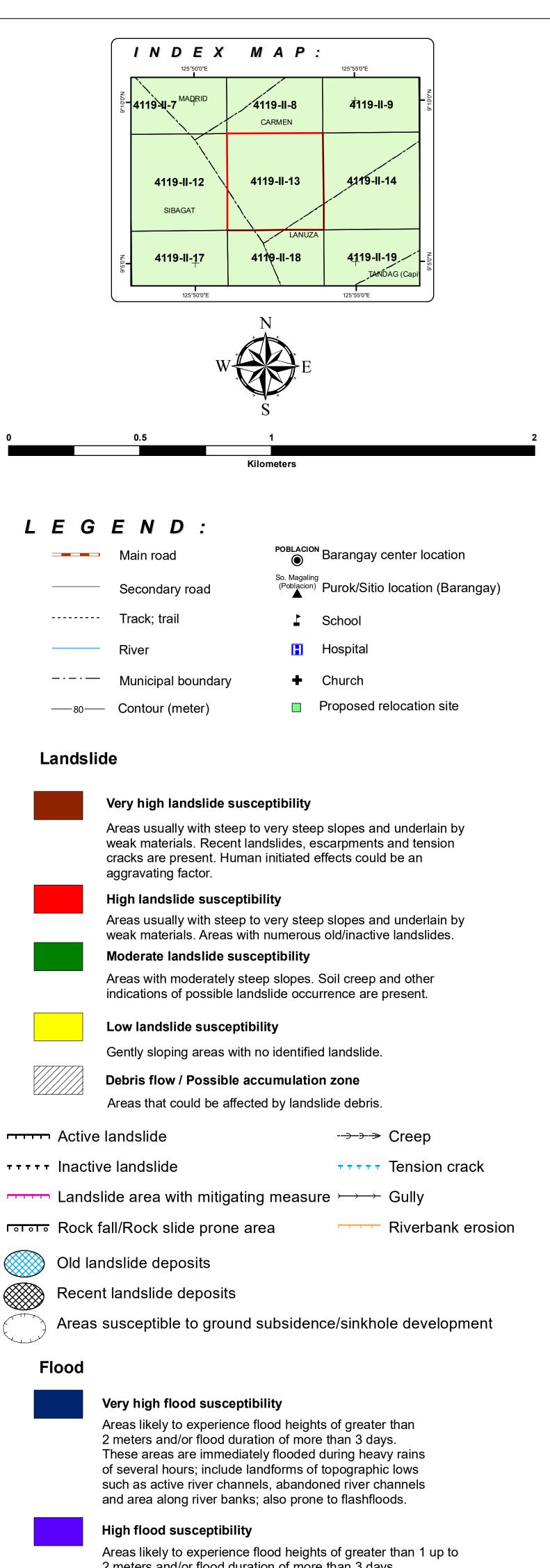
125°54'0"E

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## Coordinate System :

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

Mapping scale 1:10,000



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.

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