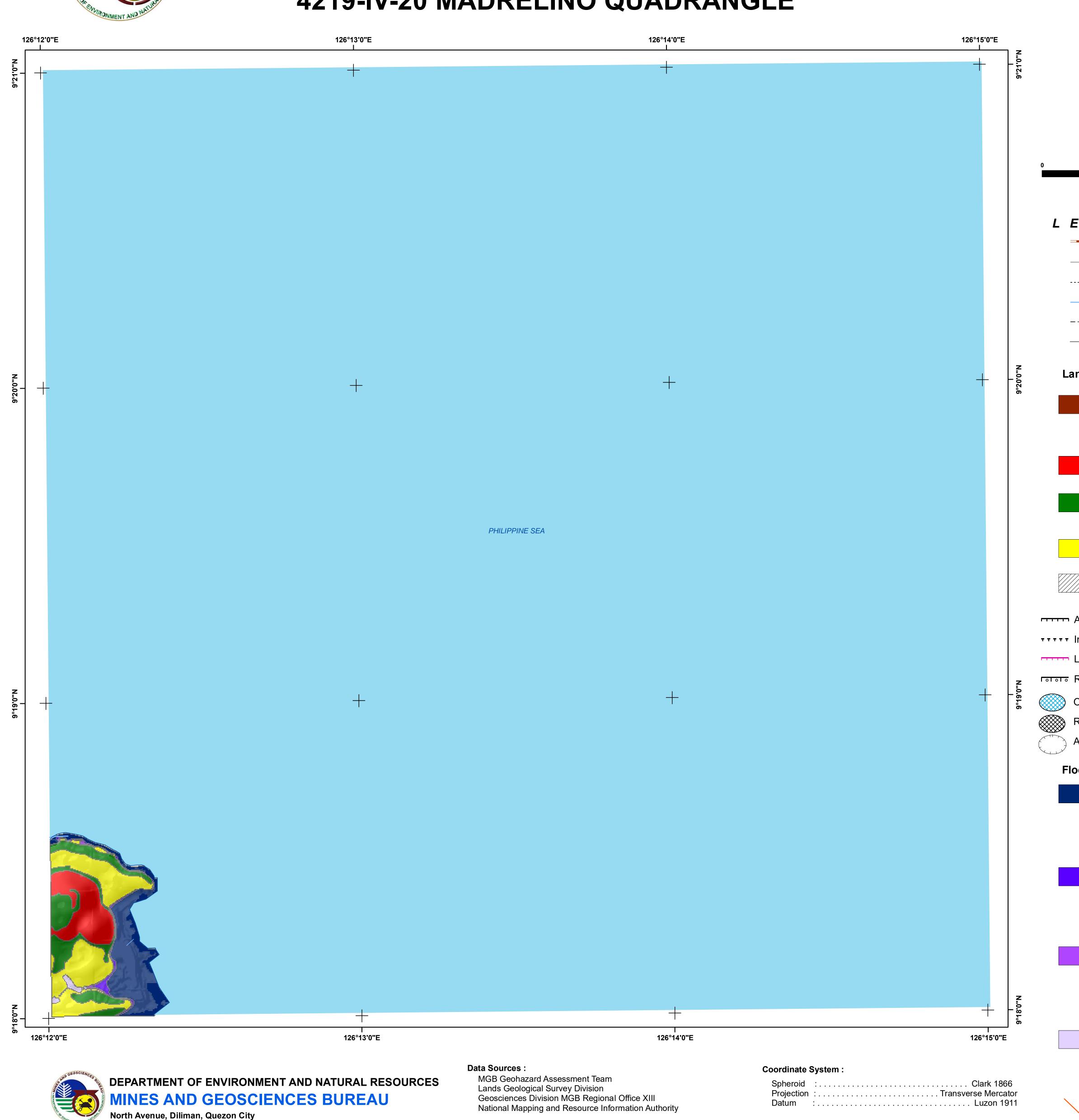


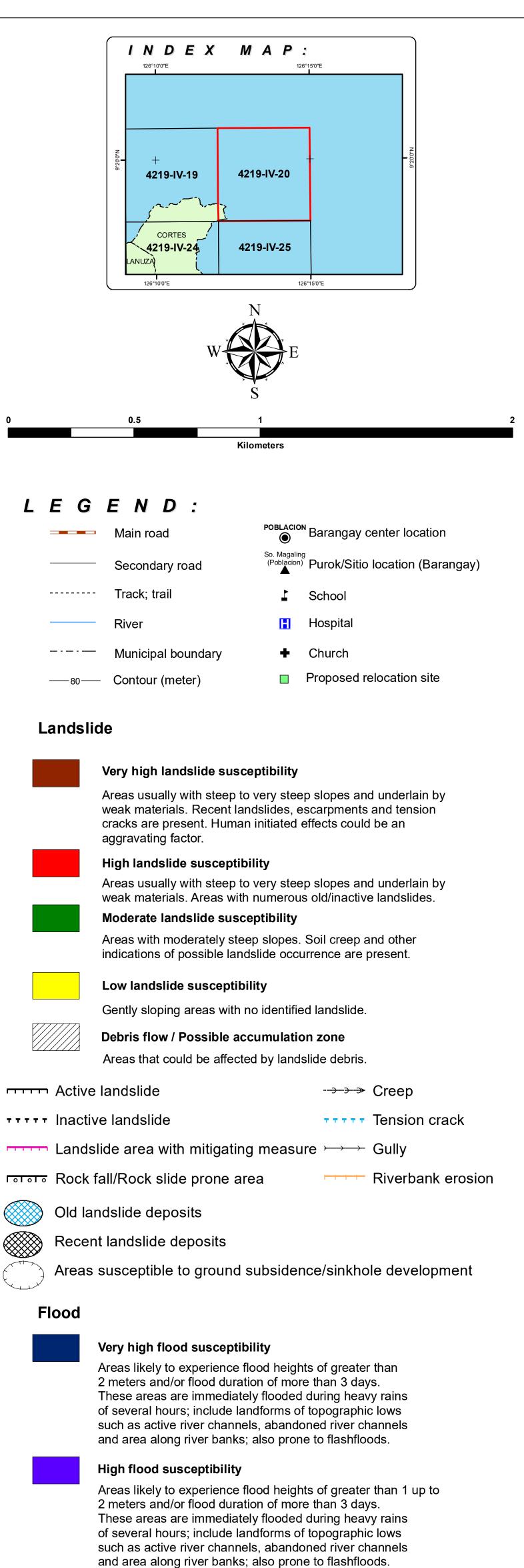
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## DETAILED LANDSLIDE AND FLOOD HAZARD MAP OF CORTES, SURIGAO DEL SUR, PHILIPPINES 4219-IV-20 MADRELINO QUADRANGLE



**GIS Processing:** 

Lands Geological Survey Division



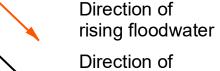
## Moderate flood susceptibility

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

receding floodwater

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.



Mapping scale 1:10,000

<sup>1.2</sup> ⊗ Flood depth (meter) Flashflood exit point