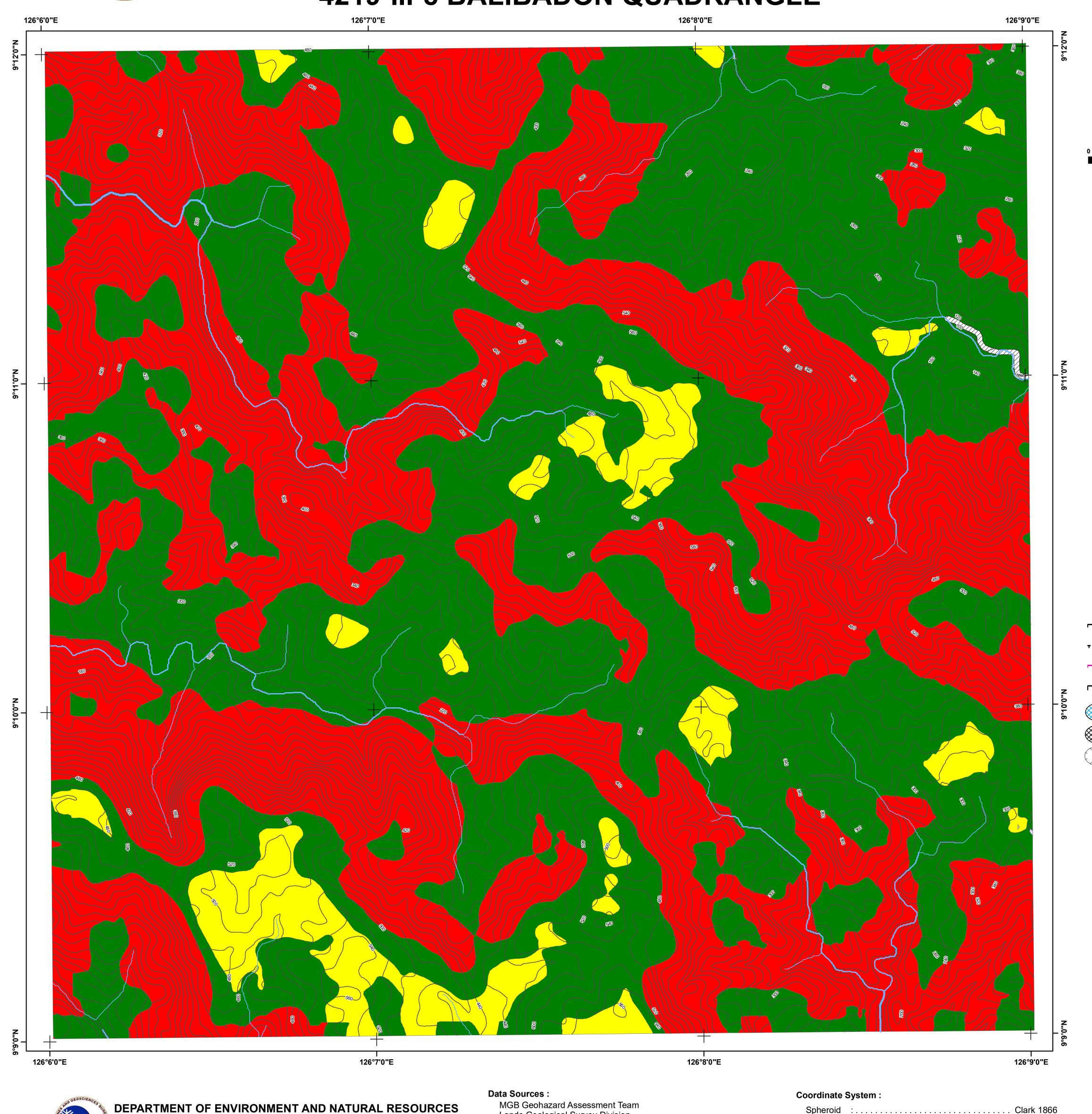
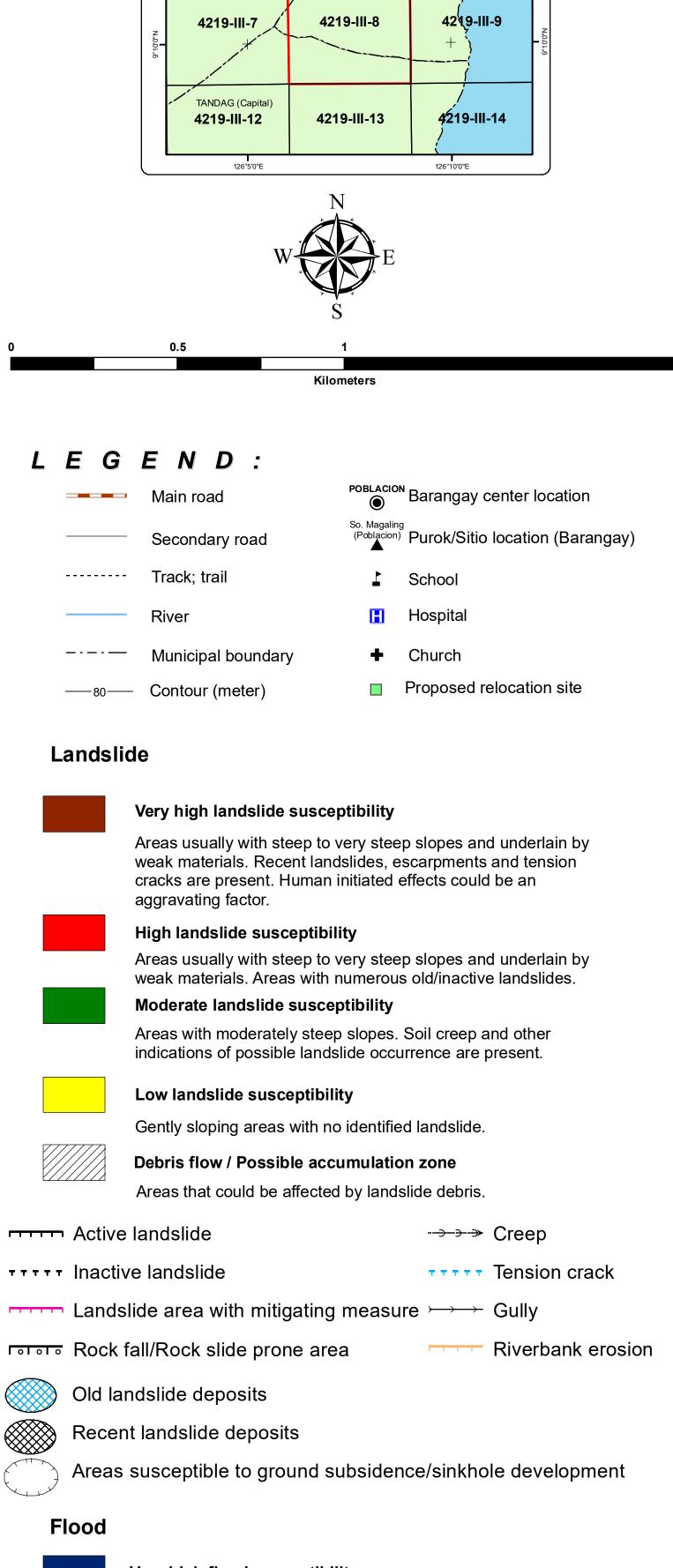


## DETAILED LANDSLIDE AND FLOOD HAZARD MAP OF CORTES, TANDAG CITY (CAPITAL) AND LANUZA, SURIGAO DEL SUR, PHILIPPINES 4219-III-8 BALIBADON QUADRANGLE





INDEX MAP:

CORTES

## Flood

Very high flood susceptibility

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 flood susceptibility

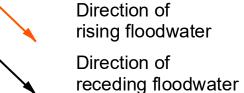
Areas likely to experience flood heights of greater than 1 up to 2 meters and/or flood duration of more than 3 days. These areas are immediately flooded during heavy rains of several hours; include landforms of topographic lows such as active river channels, abandoned river channels and area along river 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.



Projection:.....Transverse Mercator

Datum :..... Luzon 1911

Mapping scale 1:10,000

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

Lands Geological Survey Division

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