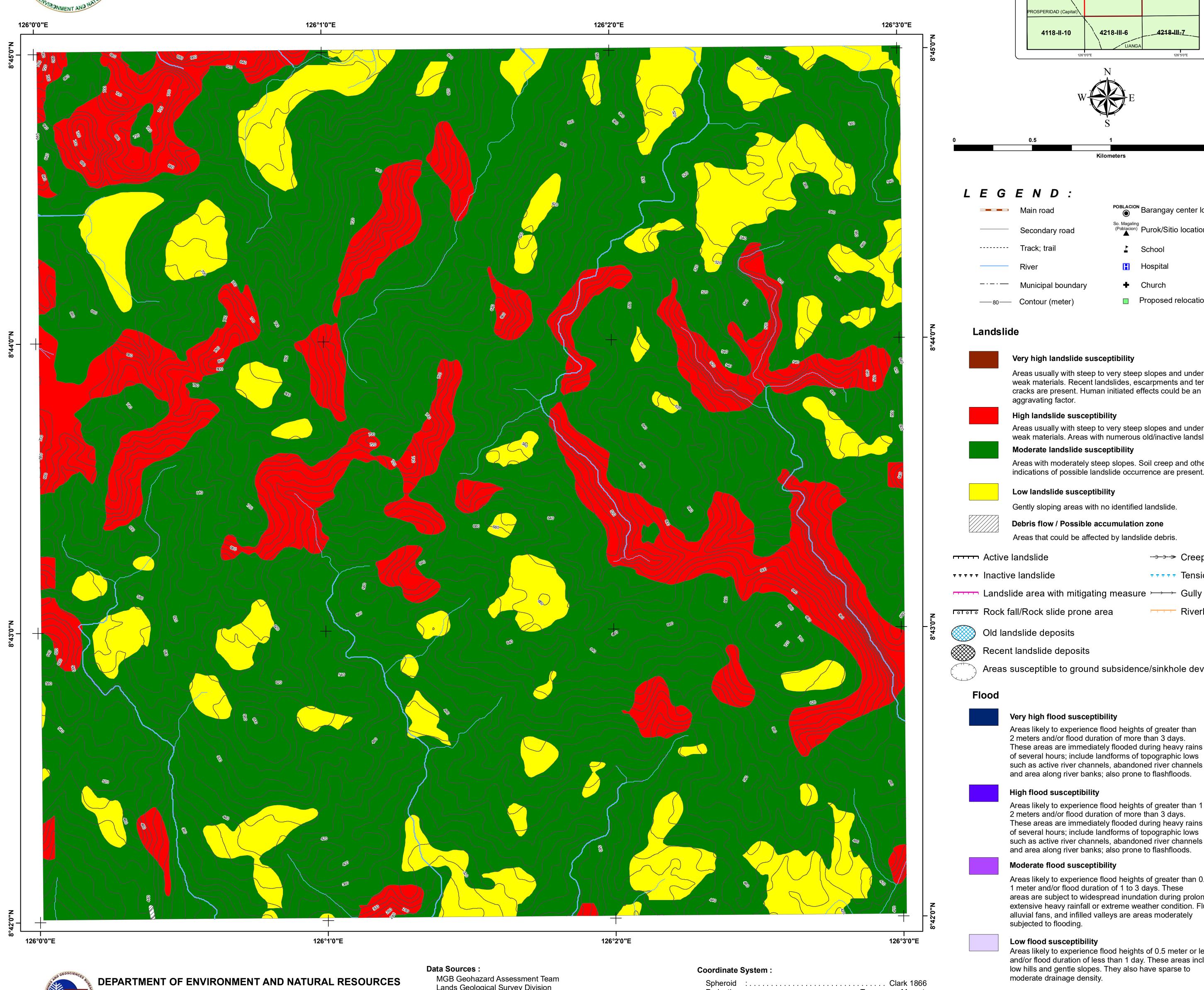
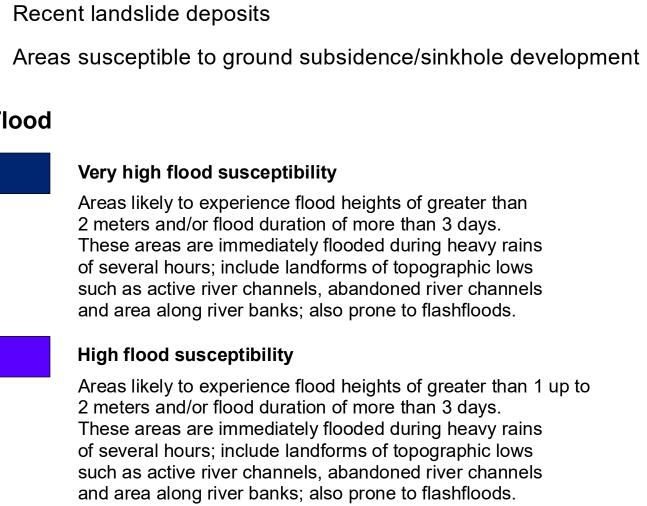


DETAILED LANDSLIDE AND FLOOD HAZARD MAP OF SAN AGUSTIN AND MARIHATAG, SURIGAO DEL SUR, PHILIPPINES 4218-III-1 JANIPAAN QUADRANGLE





INDEX MAP:

4218-IV-21

4218-III-6

4218-IV-22

4218-III-2 SAN AGUSTIN

4218-III-7

Coblacion) Purok/Sitio location (Barangay)

-→->-> Creep

TTTT Tension crack

Riverbank erosion

4118-I-25

4118-II-10

Track; trail

aggravating factor.

Old landslide deposits

Flood

Very high landslide susceptibility

High landslide susceptibility

Low landslide susceptibility

Moderate landslide susceptibility

Areas usually with steep to very steep slopes and underlain by weak materials. Recent landslides, escarpments and tension

Areas usually with steep to very steep slopes and underlain by weak materials. Areas with numerous old/inactive landslides.

cracks are present. Human initiated effects could be an

Areas with moderately steep slopes. Soil creep and other indications of possible landslide occurrence are present.

Gently sloping areas with no identified landslide.

Areas that could be affected by landslide debris.

Debris flow / Possible accumulation zone

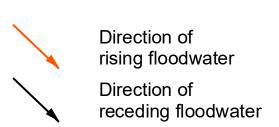
Landslide

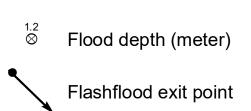
Areas likely to experience flood heights of greater than 0.5m up to 1 meter and/or flood duration of 1 to 3 days. These areas are subject to widespread inundation during prolonged and extensive heavy rainfall or extreme weather condition. Fluvial terraces, alluvial fans, and infilled valleys are areas moderately

subjected to flooding.

Moderate flood susceptibility

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

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