

# **GEOHAZARD MAP** HELENE QUADRANGLE (4021-I-5)

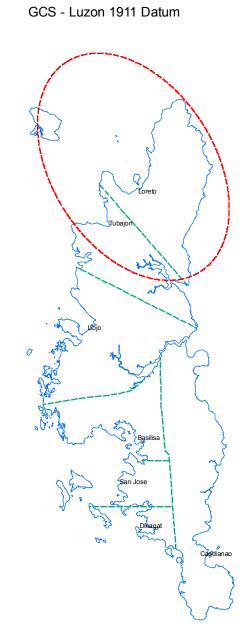
## Coverage:

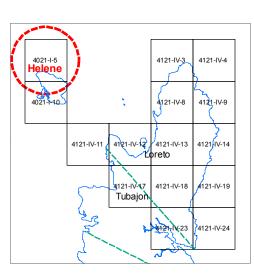
Mun. Loreto Bgry. Helene

FLOOD PRONE SUSCEPTIBILITY

LANDSLIDE SUSCEPTIBILITY

0 125 250 500 Meters 1:10,000 N





### DINAGAT PROVINCE INDEX MAP



#### LANDSLIDE

VERY HIGH Areas usually with steep to very steep slopes and underlain by weak materials. Recent landslides, escarpments and tension cracks are present. Human initiated effects could be an aggravating factor.

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

Areas with moderately steep slopes. Soil creep and other indications for possible landside occurrence are present.

LOW Gently sloping areas with no identified landslides.

#### FLOOD

HIGH Areas for which the combination of factors is likely to create adverse flood and inundation problems. This category includes areas along large streams with very small channel slopes and broad floodplains; landforms of topographic lows, particularly active river systems, deltas abandoned river channels, and areas adjacent to river banks; also include portions of the river system where channels are perched due to repeated deposition of sediments; and part of the coastal areas affected by storm surge and fluctiating sea field lower. tide levels.

MODERATE Areas for which the combination of factors is less likely to create serious flood problems. These areas are the less-inundated of the floodplains, deltas river terraces, and old channels; also include the less flood-prone areas near the coast.

LOW Areas for which the combination of factors is unlikely to create serious flood problems; include low lying topographic landforms least affected by flood and inundation.