

















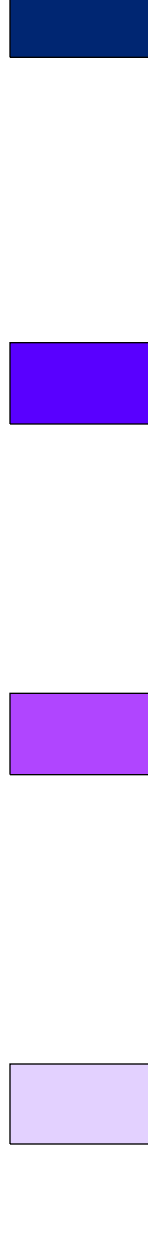
- |  |                    |  |                                       |
|--|--------------------|--|---------------------------------------|
|  | Main road          |  | Poblacion<br>Barangay center location |
|  | Secondary road     |  | Purok/Sitio location (Barangay)       |
|  | Track; trail       |  | School                                |
|  | River              |  | Hospital                              |
|  | Municipal boundary |  | Church                                |
|  | Contour (meter)    |  | Proposed relocation site              |




## Landslide

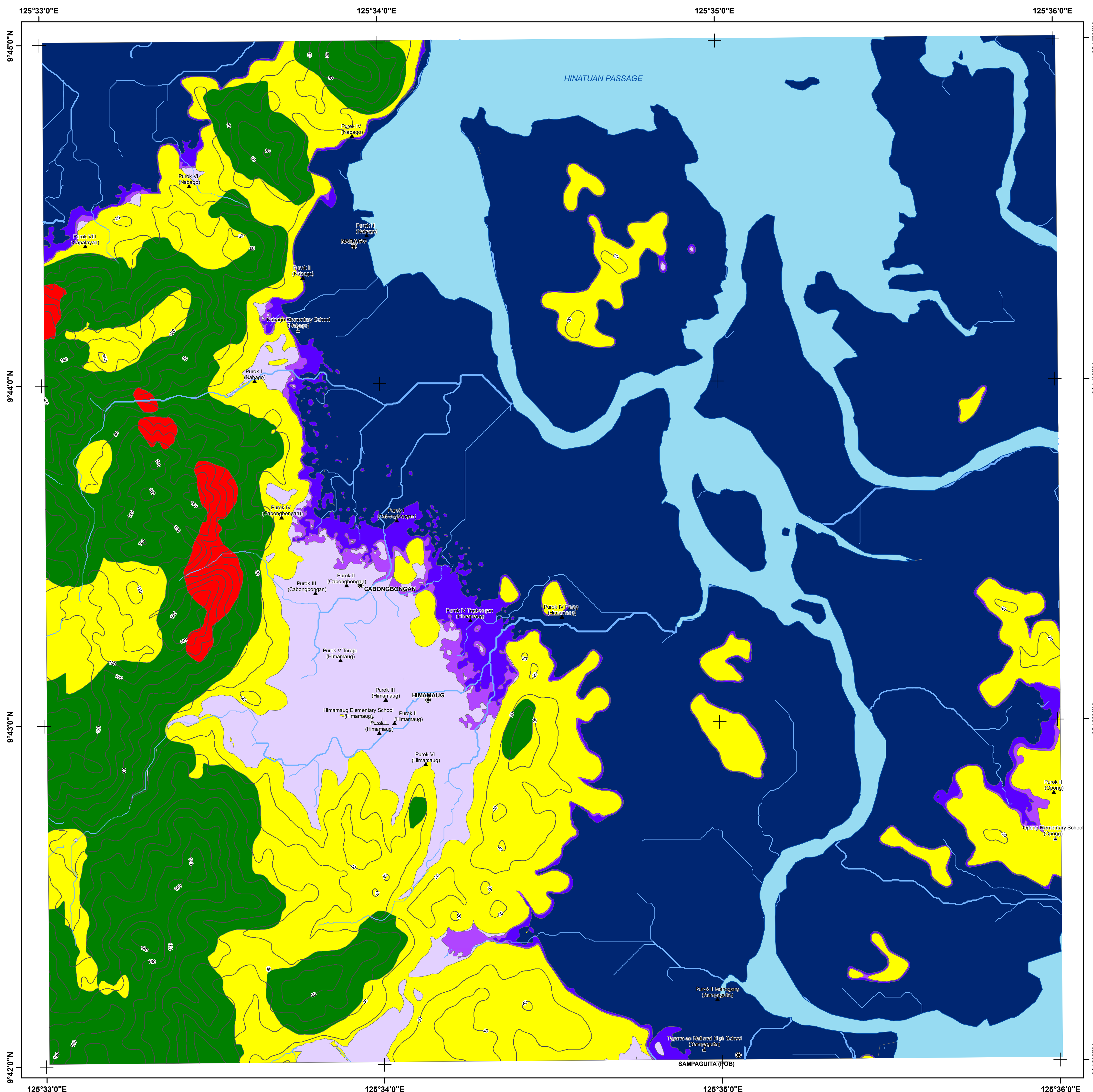
- |   |   |   |
|---|---|---|
|    | <b>Very high landslide susceptibility</b>       | Areas usually with steep to very steep slopes and underlain by weak materials. Recent landslides, escarpments and tension cracks are present. Human initiated effects could be an aggravating factor. |
|  | <b>High landslide susceptibility</b>            | Areas usually with steep to very steep slopes and underlain by weak materials. Areas with numerous old/inactive landslides.   |
|  | <b>Moderate landslide susceptibility</b>        | Areas with moderately steep slopes. Soil creep and other indications of possible landslide occurrence are present.  |
|  | <b>Low landslide susceptibility</b>             | Gently sloping areas with no identified landslide.  |
|  | <b>Debris flow / Possible accumulation zone</b> | Areas that could be affected by landslide debris.   |

- |   |   |   |                   |
|---|---|---|-------------------|
|  | Active landslide  |  | Creep             |
|  | Inactive landslide  |  | Tension crack     |
|  | Landslide area with mitigating measure                      |  | Gully             |
|  | Rock fall/Rock slide prone area                             |  | Riverbank erosion |
|  | Old landslide deposits                                      |   |                   |
|  | Recent landslide deposits                                   |   |                   |
|  | Areas susceptible to ground subsidence/sinkhole development |   |                   |

## 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.

-  Direction of rising floodwater  
 Direction of receding floodwater  
 Flood depth (meter)  
 Flashflood exit point



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

**GIS Processing :**  
Lands Geological Survey Division

**Coordinate System :**

Spheroid :..... Clark 1866  
Projection :..... Transverse Mercator  
Datum :..... Luzon 1911

Mapping scale 1:10,000