
















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

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

- |   |   |   |                   |
|---|---|---|-------------------|
|  | 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 |   |                   |

|   |  |
|---|--|
|  | <b>Very high flood susceptibility</b><br>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.      |
|  | <b>High flood susceptibility</b><br>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.   |
|  | <b>Moderate flood susceptibility</b><br>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. |
|  | <b>Low flood susceptibility</b><br>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