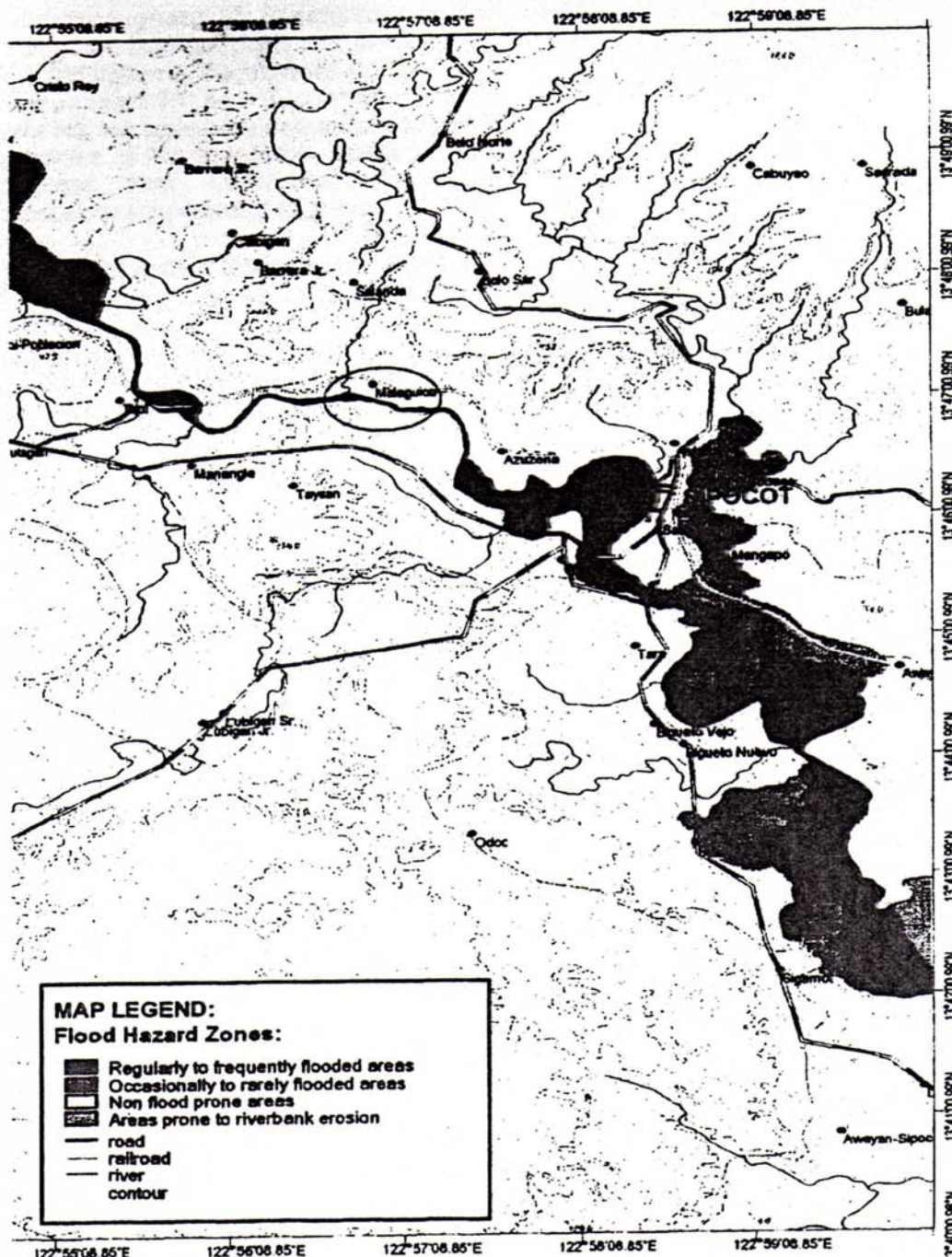


Figure 4.1.2.3.2.7 Sipocot Quadrangle and Dam site Flood Hazard Map



Source: Mines and Geosciences Bureau-RO5

Flood hazard susceptibility zones were derived based on the geomorphological analysis of landforms and the fluvial system. Information on flood occurrences, flood depths, duration of inundation as well as topographic information supported the geomorphologically-based flood hazard mapping.

The proposed Libmanan-Cabusao dam site area at Bgy.Malaguico falls under non flood prone areas i.e areas with no reported flood occurrences except low lying areas adjoining rivers and creeks. See Figure 4.1.2.3.2.7 Sipocot Quadrangle and Dam site Flood Hazard Map.