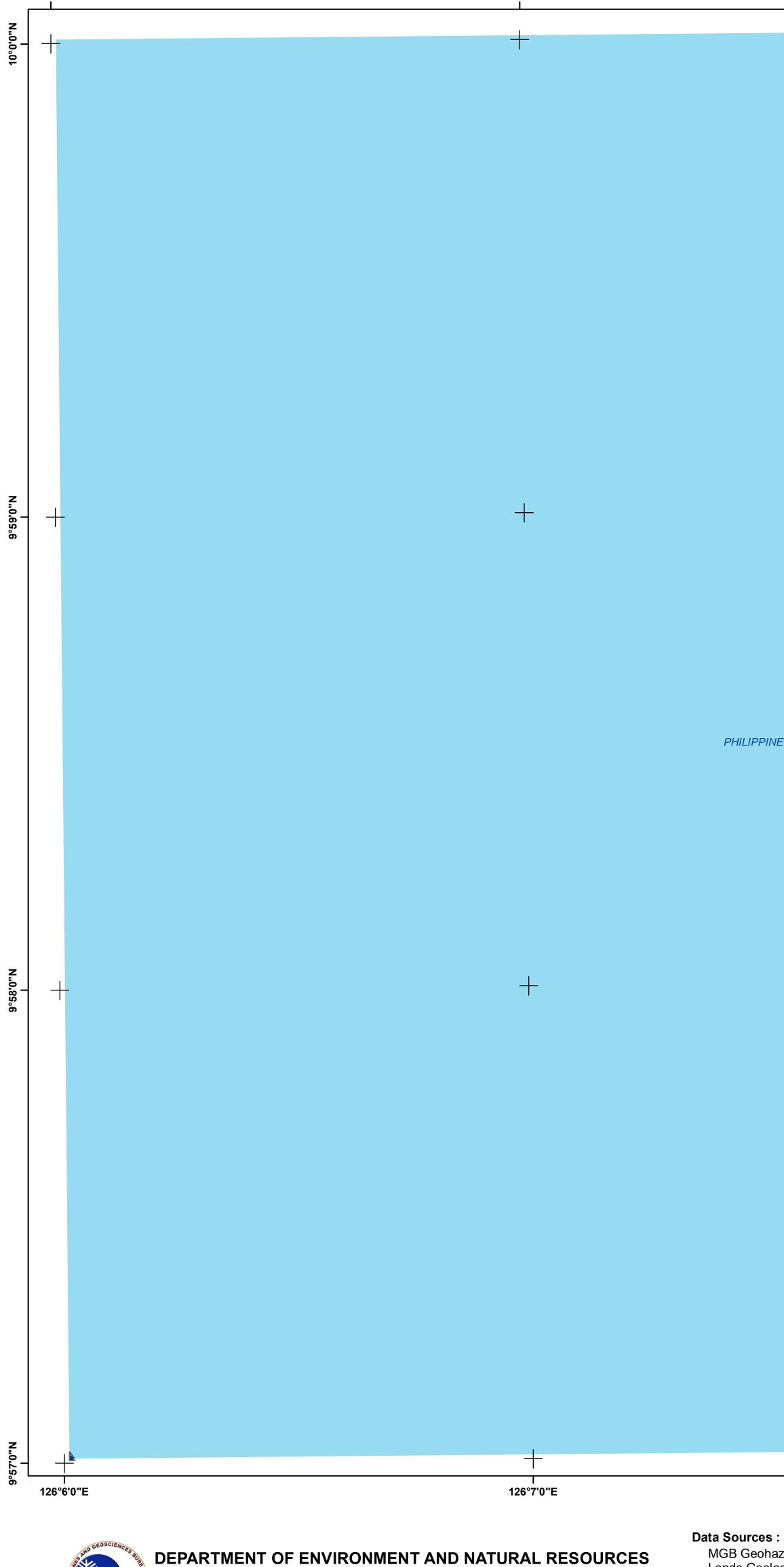


126°6'0"E

DETAILED LANDSLIDE AND FLOOD HAZARD MAP OF SAN ISIDRO, SURIGAO DEL NORTE, PHILIPPINES 4220-IV-3 DEL CARMEN QUADRANGLE

126°7'0"E



North Avenue, Diliman, Quezon City

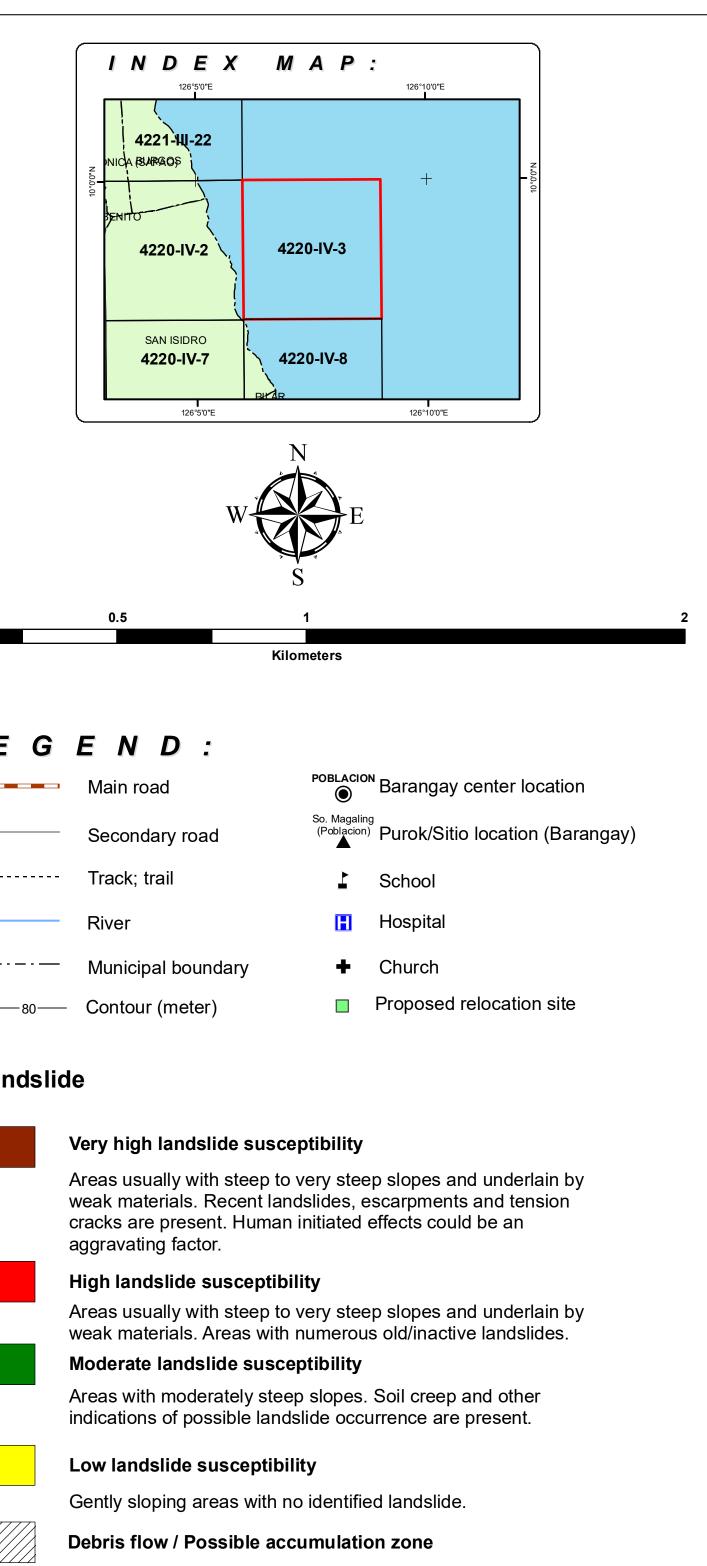
MINES AND GEOSCIENCES BUREAU

126°8'0"E I	126°9'0"E Z SAN ISIDRO 4220-IV-7 4220-IV-8	
+		E
	0 0.5 1 Kilometers	
	LEGEND:	
	So. Magaling	ay center location
		itio location (Barangay)
	Track; trail School	1
	River Hospita	
		ed relocation site
+		
	Very high landslide susceptibility Areas usually with steep to very steep slopes weak materials. Recent landslides, escarpment	
	cracks are present. Human initiated effects co aggravating factor.	
	High landslide susceptibility Areas usually with steep to very steep slopes	and underlain by
	weak materials. Areas with numerous old/inac Moderate landslide susceptibility	
	Areas with moderately steep slopes. Soil cree indications of possible landslide occurrence a	
IE SEA	Low landslide susceptibility	
	Gently sloping areas with no identified landsli	de.
	Debris flow / Possible accumulation zone Areas that could be affected by landslide deb	ris.
		-→ Creep
	יידי Inactive landslide	Tension crack
	Landslide area with mitigating measure \rightarrow	→ Gully
	Rock fall/Rock slide prone area	Riverbank erosion
+	- Contract all/Rock slide prone area	
	Recent landslide deposits	
	Areas susceptible to ground subsidence/sink	hole development
	Flood	
	Very high flood susceptibility Areas likely to experience flood heights of greaters	ater than
	2 meters and/or flood duration of more than 3 These areas are immediately flooded during h	days.
	of several hours; include landforms of topogra such as active river channels, abandoned rive and area along river banks; also prone to flast	r channels
	and area along river banks; also prone to flash High flood susceptibility	
	Areas likely to experience flood heights of grea 2 meters and/or flood duration of more than 3	
	These areas are immediately flooded during h of several hours; include landforms of topogra such as active river channels, abandoned rive	eavy rains phic lows
	and area along river banks; also prone to flash Moderate flood susceptibility	
	Areas likely to experience flood heights of grea	
	1 meter and/or flood duration of 1 to 3 days. T areas are subject to widespread inundation du E extensive heavy rainfall or extreme weather co	ring prolonged and
+	extensive heavy rainfall or extreme weather co alluvial fans, and infilled valleys are areas mod subjected to flooding.	
ا 126°8'0"E	126°9'0"E Low flood susceptibility	

MGB Geohazard Assessment Team Lands Geological Survey Division Geosciences Division MGB Regional Office XIII National Mapping and Resource Information Authority Coordinate System :

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

Mapping scale 1:10,000



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



 $\overset{1.2}{\otimes}$ Flood depth (meter)

Flashflood exit point