

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF SALUG, ZAMBOANGA DEL NORTI

BRGY	MUNICIPALITY/ CITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	LANDSLIDE REMARKS/RECOMMENDATIONS	FLOOD REMARKS/RECOMMENDATIONS	AS OF	ASSESSED BY/DATA SOURCE
Bacong	SALUG	122.8238611	8.1118611	Low to Moderate	None	Observe for presence of mass movement; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Brgy. Canawan/Lipakan on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Moderate (flashflood along creek draining the area) Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); activate BDCC	2010	MGB-RO
Balakan	SALUG	122.7424722	8.0551944	Low	None to Low (sheetflood and flashflood)	Observe for progress and presence of mass movement; (e.g landslide, tension cracks); Observe for saturated ground or seeps in areas that are not typically wet; Constant communication and updates with Brgy. Tambalang; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for sheetflood hazard mitigation; Activate BDCC	2010	MGB-RO

Binoni	SALUG	122.8010556	8.0676389	Low to moderate	None	High (steep road cuts going to Pukay and Mauswagon (Godod)) Monitor progress of mass movement (e.g. landslides, tension cracks); oserved for saturated ground or seeps in areas that are not typically wet; observe for presence of mass movement; constant communication and updates with Brgy. Pukay on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Moderate (flashflood along creeks draining the area.) Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;; activate BDCC	2010	MGB-RO
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Calucap	SALUG	122.7196944	8.0023889	Low to moderate	None	High (steep slopes and valley side near Calucap and Mucas Rivers. Monitor progress of mass movement (e.g. landslides, tension cracks) along steep slopes; Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; identify evacuation site (barangay center); constant communication and updates with Brgy. New Dapitan (Tampilisan) on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	High (flashflood along Calucap and Mucas Rivers Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention; Construct foot bridge across Calucap River. Construct steel bridge across Mucas River from Diunan; Activate BDCC	2010	MGB-RO
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Canawan	SALUG	122.8074444	8.1114722	Low to Moderate	None	High (road cut from Caracol to Canawan) Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgys. Caracol/Bacong on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Moderate (flashflood along river traversing the area) Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Activate BDCC	2010	MGB-RO
Caracol	SALUG	122.7846389	8.1153056	Low to moderate	None	Moderate (creek channel) Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observe for sunken and displaced road surfaces; constant communication and updates with Brgys. Poblacion/Canawan on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Low (flashflood along creeks draining the area) Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Activate BDCC	2010	MGB-RO

Danao	SALUG	122.7591667	8.0704167	Low to moderate	None	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observe for sunken and displaced road surfaces; constant communication and updates with barangay Tambalang on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Dinoan	SALUG	122.7304444	8.0320278	Low to Moderate	None	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; Observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Balakan on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Low (flashflood along head gully draining toward Tambalan area) Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Activate BDCC	2010	MGB-RO

Dipolod	SALUG	122.8282222	8.0570833	Low to moderate	None	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Binoni on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Moderate (flashflood along tributaries of Salug River transected by Santo Niño-Dipolod road) Monitor and observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Activate BDCC	2010	MGB-RO
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Fatima (Pogan)	SALUG	122.8628611	8.0697222	Low to Moderate	None	<p>Moderate to High (Tapalan-Fatima road cut)</p> <p>Monitor and observe for progress and presence of mass movement (e.g landslide, tension cracks);</p> <p>develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Develop an early warning device system intended for landslide related hazard prevention; Observe for saturated ground or seeps in areas that are not typically wet;</p> <p>Observe for sunken and displaced road surfaces;</p> <p>Constant communication and updates with Brgy.</p> <p>Talapan on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).</p>	<p>Low (flashflood along head creek)</p> <p>Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);</p>	2010	MGB-RO
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Liguac	SALUG	122.7592222	8.0957500	Low to moderate	None	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Poblacion on geohazard situation; activate barangay disaster coordinating council.	High (flashflood along Salug River) Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2010	MGB-RO
Lipakan	SALUG	122.8425000	8.1266389	Low to Moderate	High (Sheetflood and flashflood along Lipakan River)	Observe for presence of mass movement; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgys. Bacong/Ramon Magsaysay on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Channel scouring is evident Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for sheetflood/flashflood related hazard prevention; Identify evacuation site; re route the river channel away from the national road; construct protective embankment along the outer curve of the river; Activate BDCC	2010	MGB-RO

Mucas	SALUG	122.7405000	8.1056667	Low	Low (sheetflood) High (Sheetflood/flashflood and channel scouring along Mucas River)	Observe for presence of mass movement; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Brgy. Poblacion on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for sheetflood/flashflood related hazard prevention; Identify evacuation site; activate BDCC	2010	MGB-RO
Poblacion (Salug)	SALUG	122.7536944	8.1067778	Low to Moderate	Low (sheetflood) High (Flashflood, sheetflood and channel scouring along Salug River)	Observe for presence of mass movement; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with MDCC on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for sheetflood/flashflood related hazard prevention; Identify evacuation site; activate BDCC	2010	MGB-RO
Ramon Magsaysay	SALUG	122.8503056	8.1369722	Low to Moderate	Low (localized flooding)	Observe for presence of mass movement; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Lipakan on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Identify evacuation site; Activate BDCC	2010	MGB-RO

Tambalang	SALUG	122.7452222	8.0695278	Low	None	Observe for presence of mass movement (e.g landslide, tension cracks); Observe for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Brgy. Lanawan; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Tapalan	SALUG	122.8583333	8.1089167	Moderate (brgy. proper)	None	high (steep slopes along Palandok River; steep road cuts along Magsaysay-Talapan road; gully head) Observe for presence of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Ramon Magsaysay; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Ipilan	SALUG	122.8432222	8.0974722	None to low (brgy. proper)	None	moderate (creek channel, road cuts and steep slopes); Observe for presence of mass movement; constant communication and updates with Brgy. Lipakan/Bacong on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO

Lanawan	SALUG	122.7453611	8.0885833	Low to Moderate	None to low (brgy. proper)	Observe for presence of mass movement (e.g landslide, tension cracks); Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Poblacion; activate Barangay Disaster Coordinating Council (BDCC).	Low (sheet flood within rice paddies) Moderate (River draining the area) Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Activate BDCC	2010	MGB-RO
Pukay	SALUG	122.7862222	8.0805833	Low to moderate (brgy. center);High (steep valley side, road cut and steep ridge slope and gully head)	None (brgy. center);Moderate (flashflood along creeks draining the area.)	Monitor and observe for presence of mass movement along road cut and steep valley side; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgys. Liguac/Binoni on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention; Activate BDCC	2010	MGB-RO

Santo Niño	SALUG	122.8129167	8.0858333	Moderate (brgy. center);Moderate to high (road cut; gully head)	None	Monitor and observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Bacong on geohazard situation; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Pacuhan	SALUG	122.7703611	8.0823056	low (brgy center); Moderate (valley side)	None (brgy. center); Low (flashflood along creeks draining the area)	Observe for presence of mass movement (e.g landslide, tension cracks); Observe for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Brgy. Liguac/Pukay; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Activate BDCC	2010	MGB-RO
Poblacion East	SALUG	122.7553889	8.1133889	None	High (sheetflood) High (flashflood/sheetflood along Salug River)		Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for sheet flood/flashflood related hazard prevention; Identify evacuation site; activate BDCC	2010	MGB-RO

