

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF POLANCO, ZAMBOANGA DEL NORTE

BRGY	MUNICIPALITY/ CITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	LANDSLIDE REMARKS/RECOMMENDATIONS	FLOOD REMARKS/RECOMMENDATIONS	AS OF	ASSESSED BY/DATA SOURCE
Anastacio	POLANCO	123.3523056	8.5327778	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observed for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation site; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Bandera	POLANCO	123.3481389	8.5160556	Low	Low-rice fields (sheet flood)	Observed for presence of mass movement (landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observed for sunken displaced road surfaces; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river/irrigation canal water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

Bethlehem	POLANCO	123.3992500	8.4273889	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observed for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. New Lebangon; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Dangi	POLANCO	123.3712778	8.4301944	Low	None	Observed for presence of mass movements (e.g landslide, tension cracks);		2009	MGB-RO
Dansullan	POLANCO	123.3791111	8.4301111	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observed for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Pian; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO

De Venta Perla	POLANCO	123.4571111	8.3307778	Low	High (flashflood/sheet flood)	Moderate (hilly areas) Observed for presence of mass movements (e.g landslide, tension cracks); Monitor and observe for progress and presence of mass movement; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Constant communication and updates with Brgy. Dilawa, Pinan; activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Guinles	POLANCO	123.3831389	8.5153333	Low	Low to moderate-low lying areas near Dipolog River (sheet flood)	Observed for presence of mass movements (e.g landslide, tension cracks); Observe for sunken and displaced road surfaces;	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Isis	POLANCO	123.3893056	8.5456389	Low	None	Observed for presence of mass movement (landslide, tension cracks); activate BDCC		2009	MGB-RO
Labrador (Prinda)	POLANCO	123.3601389	8.5101111	Low	Low to moderate areas near Polanco River (sheet flood)	Observed for presence of mass movements (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; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC). Warn on riverbed scouring and/or relocate residents located along riverbanks.	2009	MGB-RO

Lapayanbaja	POLANCO	123.3653333	8.4580000	Moderate	None (brgy. proper); High-rice fields (flashflood/sheet flood)	Monitor and observe for progress and presence of mass movement along road cuts; Observed for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides-related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Silawe; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Letapan	POLANCO	123.3789167	8.4990278	Low	None	Observed for presence of mass movements (e.g landslide, tension cracks);		2009	MGB-RO
Linabo	POLANCO	123.4299167	8.3521667	Moderate	High (flashflood/sheet flood)	(High on the middle to ridge top); Monitor and observe for progress and presence of mass movement along the slopes of adjacent elongated, very steep sloping mountain; develop an early warning device/system intended for landslide-related hazard prevention/mitigation. activate Barangay Disaster Coordinating Council (BDCC).	Develop an early warning system intended for flood-related hazard prevention; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); identify relocation site for residents residing near the tributary of Polaco River; activate BDCC	2009	MGB-RO

Lingasad	POLANCO	123.4004722	8.4971111	Low	Low (sheet flood)	Observed for presence of mass movements (e.g landslide, tension cracks);	Seasonal (annually – every rainy season) sheet flooding with low (0 – 0.5 m) water depths; activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Macleodes	POLANCO	123.4244167	8.3940556	Moderate	None	High (road cuts along provincial road) Monitor and observe for progress and presence of mass movement along road cuts; Observed for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Bethlehem; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Magangon	POLANCO	123.3951389	8.4819167	Low	None	Observed for presence of mass movements (e.g landslide, tension cracks);		2009	MGB-RO

Maligaya	POLANCO	123.3816667	8.3896389	Moderate	None (brgy. proper) high on areas near a creek (flashflood)	High (road cuts along barangay road) Monitor and observe for progress and presence of mass movement along road cuts; develop an early warning device/system intended for landslides related hazard prevention/mitigation; activate Barangay Disaster Coordinating Council (BDCC). Mitigate thru engineering measures the Maligaya Primary School particularly at the edge	Observed for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Develop an early warning system intended flashflood-related hazard prevention; Activate BDCC;	2009	MGB-RO
Milad	POLANCO	123.4049167	8.3903333	Low	High (flashflood/sheet flood)	Moderate (hilly areas) Observed for presence of mass movements (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	Develop an early warning system intended for flood-related hazard prevention; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Identify evacuation site; activate BDCC; engineering measures be applied to address lateral erosion.	2009	MGB-RO
New Lebangon	POLANCO	123.3934722	8.4382222	Low	None	Observed for presence of mass movements (e.g landslide, tension cracks);		2009	MGB-RO

New Sicayab	POLANCO	123.3841944	8.4096111	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observed for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Dansullan; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Obay	POLANCO	123.3662222	8.5481111	Low	Moderate to high	Observed for presence of mass movement (landslide, tension cracks); activate BDCC	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Pian	POLANCO	123.3511111	8.5025556	Low	High	Observed for presence of mass movements (e.g landslide, tension cracks);	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Poblacion South	POLANCO	123.3602778	8.5246944	Low	Low	Observed for presence of mass movement (landslide, tension cracks); activate BDCC.	Seasonal (annually – every rainy season) sheet flooding with low (0 – 0.5 m); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

San Antonio (Paetan)	POLANCO	123.3948611	8.5223889	Low	None	Observed for presence of mass movement (landslide, tension cracks); activate BDCC.		2009	MGB-RO
San Miguel (Loboc)	POLANCO	123.4214167	8.5338333	Low	None	Observed for presence of mass movement (landslide, tension cracks); activate BDCC		2009	MGB-RO
San Pedro	POLANCO	123.3979722	8.4052222	Low	High	Moderate (Malala Hill); Observed for presence of mass movements (e.g landslide, tension cracks); Monitor and observe for progress and presence of mass movement along the slopes; activate Barangay Disaster Coordinating Council (BDCC).	Observed for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Develop an early warning system intended flashflood-related hazard prevention; Activate BDCC; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Santo Niño (Lantoy)	POLANCO	123.4029444	8.5470000	Low	High	Observed for presence of mass movement (landslide, tension cracks); activate BDCC	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Silawe	POLANCO	123.3620278	8.4935556	Low	None	Observed for presence of mass movements (e.g landslide, tension cracks);		2009	MGB-RO

Sianib	POLANCO	123.3882778	8.4651111	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observed for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Silawe; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Villahermosa	POLANCO	123.3791389	8.5456667	Low	None	Observed for presence of mass movement (landslide, tension cracks); activate BDCC		2009	MGB-RO
Poblacion North	POLANCO	123.3615556	8.5308889	Low	Low	Observed for presence of mass movement (landslide, tension cracks); activate BDCC.	Seasonal (annually – every rainy season) sheet flooding with low (0 – 0.5 m); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

