

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF TIGBAO, ZAMBOANGA DEL SUR

BRGY	MUNICIPALITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	LANDSLIDE REMARKS/RECOMMENDATIONS	FLOOD REMARKS/RECOMMENDATIONS	AS OF	ASSESSED BY/DATA SOURCE
Begong	TIGBAO	123.304056	7.836778	none to low (brgy. center); high (riverbank)	none to low (brgy. center); moderate (flashflood within creek)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO
Busol	TIGBAO	123.237361	7.857972	low to moderate (top ridge; brgy. center); High (steep ridge slopes; valley sides)		Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; Activate Barangay Disaster Coordinating Council (BDCC);		2007	MGB-RO
Caluma	TIGBAO	123.309861	7.854611	low to moderate	low to moderate (flashflood within creeks; gullies)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO
Diana Countryside	TIGBAO	123.275111	7.866583	low to moderate (top ridge; brgy. center); High (steep ridge slopes; valley sides; road cuts)	low to moderate (flashflood within creeks; gullies)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO

Guinlin	TIGBAO	123.301056	7.802639	moderate (brgy. center) high (steep ridge slopes and valley sides; road cuts)	moderate to high (flashflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; identify evacuation site and or relocation site; constant communication and updates with the Brgy. officials on geohazard situation; in case of heavy rain, monitor the presence of landslide southwest of the brgy. center and give warning to the households just located below the toe of the steep ridge. Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO
Lacarayan	TIGBAO	123.211722	7.870083	moderate (top ridge); high (steep valley sides)	none (brgy. center); high (flashflood within creek)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO

Lacupayan	TIGBAO	123.273556	7.848361	moderate to high	none	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; identify evacuation site and or relocation site; constant communication and updates with the Brgy. officials on geohazard situation; Activate Barangay Disaster Coordinating Council (BDCC).		2007	MGB-RO
Libayoy	TIGBAO	123.229778	7.859611	none to low (valley floor; flood plain); moderate to high (ridge slopes and valley sides; riverbank)	seasonally moderate to high (valley floor; floodplain)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; identify evacuation site and or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO
Limas	TIGBAO	123.285472	7.827583	moderate (brgy.center) none to low (valley floor; ricefield)	low to moderate (valley floor; ricefield)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO

Longmot	TIGBAO	123.308167	7.819556	none to low (valley floor; brgy center); high (riverbank)	low to moderate (valley floor; ricefield); high (flashflood/sheetflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Identify evacuation an/or relocation site for residents near the shallow creek channels	2007	MGB-RO
Maragang	TIGBAO	123.257972	7.851389	none to low (brgy. center) ; high (riverbank; steep ridge slope; road cuts)	high (flashflood/sheetflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Identify evacuation an/or relocation site for residents near the shallow creek channels	2007	MGB-RO
Mate	TIGBAO	123.225278	7.890889	high (steep ridge slopes; gullies; valley sides; road cuts)	none	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; identify evacuation site and or relocation site; constant communication and updates with the Brgy. officials on geohazard situation; iActivate Barangay Disaster Coordinating Council (BDCC).		2007	MGB-RO

Nangan-nangan	TIGBAO	123.208790	7.908135	high (steep ridge slopes; gullies; valley sides; road cuts)	low to moderate (flashflood within creeks/gullies)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; observe and or monitor for sunken and/or displace road surfaces; observed for seeps, or springs on areas that are not typically wet; constant communication and updates with the Brgy. officials 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);	2007	MGB-RO
New Tuburan	TIGBAO	123.247472	7.784194	high (steep ridge slopes; gullies; valley sides; road cuts)	moderate to high (flashflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; identify evacuation site and or relocation site; constant communication and updates with the Brgy. officials on geohazard situation; in case of heavy rain, monitor the presence of landslide west of the brgy. center and give warning to the households just located below the toe of the steep ridge. Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO

Nilo	TIGBAO	123.248528	7.847389	none to low (brgy. center) ; high (riverbank)	high (flashflood/sheetflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Identify evacuation an/or relocation site for residents near the shallow creek channels	2007	MGB-RO
Tigbao (Pob.)	TIGBAO	123.226611	7.822111	none to low (alluvial plain; flood plain); high (riverbank)	low to moderate (localize flooding-alluvial plain; rice field); high (flashflood/sheetflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Identify evacuation site for residents near the creek channels.	2007	MGB-RO
Timolan	TIGBAO	123.236306	7.813417	moderate (brgy. center) high (steep ridge slopes and valley sides; road cuts)	moderate to high (flashflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard; identify evacuation site and or relocation site; constant communication and updates with the Brgy. officials on geohazard situation; in case of heavy rain, monitor the presence of landslide southeast of the brgy. center and give warning to the households just located below the toe of the steep ridge. Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO

Upper Nilo	TIGBAO	123.245611	7.841722	low (brgy. center) moderate to high (steep ridge slopes and valley side; riverbank)	high (flashflood/sheetflood within creeks)	Observe and/or monitor for presence/progress of mass movement (e.g landslide, tension cracks); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2007	MGB-RO
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