

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF PITOGO, 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
Balabawan	PITOGO	123.301000	7.465972	low	seasonally low	Constant communication and updates with Brgy. Poblacion on geohazard situation	The barangay proper is rarely flooded with flood depth of less 0.5m; flash flood is rarely common with low turbidity (soil content)	2008	JOINT
Balong-Balong	PITOGO	123.294722	7.513306	low	seasonally low	Observe for sunken or displaced road surfaces; Constant communication and updates with Brgy. Sugbay Dos on geohazard situation	Rarely flooded with flood depth of less than 0.5m	2008	JOINT
Colojo	PITOGO	123.345861	7.471722	low	high	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content)	Seasonally high with depth of more than 1m; Flooding is due to proximity of the barangay to Buburay River; Very common flash flooding with high turbidity	2008	JOINT
Liasan	PITOGO	123.297750	7.484083	low	seasonally low	Observe for saturated ground or seeps in areas that are not typically wet; Constant communication and updates with Brgy. Poblacion on geohazard situation	Rarely flooded with depth of less than 0.5m; Rare flash flooding with low turbidity	2008	JOINT
Liguac	PITOGO	123.330806	7.462222	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks); Check for possible occurrence of ground subsidence resulting from the development of sinkholes and collapse of underground caves.		2008	JOINT

Limlayan	PITOGO	123.397333	7.367944	Low–Brgy. Proper; High–areas between Punta Flecha and Limbayan	seasonally low	Recommendations particularly for slopes bounding the brgy. proper and those between Brgys. Punta Flecha and Limbayan: Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks); Observe for saturated ground and seeps in areas that are not typically wet; Slope stability measures needed for the section between Brgys. Punta Flecha and Limbayan	Seasonal flooding with depth of less than 0.5m	2008	JOINT
Lower Paniki-an	PITOGO	123.342917	7.416417	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks); Check for possible ground subsidence resulting from the development of sinkholes and underground cavities.		2008	JOINT
Matin-ao	PITOGO	123.379333	7.422806	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks)		2008	JOINT
Panubigan	PITOGO	123.323722	7.428500	low	seasonally low	Observe for presence of mass movement (e.g. landslides, tension cracks); Check for possible occurrence of ground subsidence as a result of the development/collapse of underground cavities/caves.	Seasonally flooded with depth of less than 0.5m	2008	JOINT
Poblacion	PITOGO	123.311861	7.453278	low	seasonally low	Observe for sunken or displaced road surfaces (sinkhole, caves, caverns); Constant communication and updates with the municipal mayor on geohazard situation	Seasonally flooded with depth of less than 0.5m; Rare occurrence of flash flood with moderate turbidity	2008	JOINT

Punta Flecha	PITOGO	123.368083	7.403500	low	seasonally low	Observe for presence of mass movement for the slopes between Punta Flecha and Limbayan – Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for saturated grounds and seeps in areas that are not typically wet; implement slope stabilization measures.	Seasonal occurrence of flooding with depth of less than 0.5m	2008	JOINT
San Isidro	PITOGO	123.332833	7.481083		seasonally low	Constant communication and updates with Brgy. Sugbay Dos on geohazard situation	Rarely flooded with depth of ~0.5 m; Rare occurrence of flash flood with moderate turbidity	2008	JOINT
Sugbay Dos	PITOGO	123.323417	7.484500	moderate	seasonally low	Constant communication and updates with Brgy. Poblacion on geohazard situation	Seasonally flooded with depth of less than 0.5m; Rare occurrence of flash flood with moderate turbidity	2008	JOINT
Tongao	PITOGO	123.345583	7.443806	moderate	none	Observe for presence of mass movement (e.g. landslides, tension cracks); Check for possible occurrence of ground subsidence resulting from the collapse of sinkholes and development of underground cavities/caves.		2008	JOINT
Upper Paniki-an	PITOGO	123.365917	7.432056	Low (Brgy. Proper); Moderate to High (Slopes bounding the southern part of the brgy. proper)	seasonally low	Observe for presence of mass movement (e.g. landslides, tension cracks); Check for possible occurrence of ground subsidence resulting from the collapse of sinkholes and development of underground cavities/caves; Consider relocating houses at the foot of the slope bounding the southern part of the brgy. proper.	Seasonally flooded with depth of less than 0.5m	2008	JOINT