

**TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF LAPUYAN, 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
Bulawan	LAPUYAN	123.246833	7.625528	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Carpoc	LAPUYAN	123.200917	7.680528	none to low (bgry. Center) high (creek channels)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Danganan	LAPUYAN	123.151028	7.646472	None (narrow coastal plain); High (steep slopes; valley/gully sides)	moderate (storm surge; coastal flooding-coastal areas)	Footslope is highly susceptible to landslide accumulation; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;Observe for presence of seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for coastal related hazard; Identify evacuation and or relocation site for settlers within the low lying coastal zone; Activate BDCC.	2007	MGB-RO

Dansal	LAPUYAN	123.220222	7.646667	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Dumara	LAPUYAN	123.162167	7.735750	moderate to high	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Linokmadalum	LAPUYAN	123.142028	7.656917	None (narrow coastal plain); moderate to high (steep slopes; valley/gully sides)	moderate (storm surge; coastal flooding-coastal areas)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;Observe for presence of seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for coastal related hazard; Identify evacuation and or relocation site for settlers within the low lying coastal zone; Activate BDCC.	2007	MGB-RO
Luanan	LAPUYAN	123.150806	7.722417	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO

Lubusan	LAPUYAN	123.219972	7.672500	low (brgy. center); moderate to high (steep ridge slopes and valley/gully sides; creek channels)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Mahalingeb	LAPUYAN	123.183472	7.686111	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Mandeg	LAPUYAN	123.156056	7.706583	moderate to high	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Maralag	LAPUYAN	123.231740	7.713927	Low to moderate	low (flashflood within creeks/gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks) along gully sides; Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO

Maruing	LAPUYAN	123.152694	7.675889	None to low (valley floor; brgy. center); moderate to high (steep ridge slopes and valley sides; riverbank)	moderate to high (flashflood/sheetflood within Maruing River)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; 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); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Maruing River; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2007	MGB-RO
Molum	LAPUYAN	123.245417	7.608889	low (brgy. center); moderate to high (steep valley slopes)	low (flashflood within creek; gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO

Pampang	LAPUYAN	123.166417	7.644750	None (narrow coastal plain); High (steep slopes; valley/gully sides)	moderate (storm surge; coastal flooding-coastal areas)	Footslope is highly susceptible to landslide accumulation; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for presence of seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for coastal related hazard; Identify evacuation and or relocation site for settlers within the low lying coastal zone; Activate BDCC.	2007	MGB-RO
Pantad	LAPUYAN	123.165500	7.661500	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek; gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Pingalay	LAPUYAN	123.151833	7.691583	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek; gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO

Salambuyan	LAPUYAN	123.218167	7.628194	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
San Jose	LAPUYAN	123.180889	7.721500	moderate to high	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Sayog	LAPUYAN	123.240944	7.649389	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Tabon	LAPUYAN	123.164806	7.695083	moderate to high	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO

Talabab	LAPUYAN	123.219528	7.707444	none to low (bgry. Center) high (creek channels)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2007	MGB-RO
Tiguha	LAPUYAN	123.211361	7.720472	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2007	MGB-RO
Tininghalang	LAPUYAN	123.178389	7.658667	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Tipasan	LAPUYAN	123.210056	7.619528	low (brgy. center); moderate to high (steep ridge slopes; gully sides)	low (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes;develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO

Tugaya	LAPUYAN	123.174105	7.691866	Low to moderate	low (flashflood within creeks/gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks) along gully sides; Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2007	MGB-RO
Poblacion	LAPUYAN	123.197972	7.637917	none to low (brgy. center; marshland); moderate (creek/gully channels)	moderate (flashflood within creeks; gullies; coastal flooding along marshland/estuary of Lapuyan River)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks) along gully sides; Address creek channels scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Identify evacuation/relocation site for settlers along the shallow creek channels; Develop early warning signal/signage for flood related hazard.	2007	MGB-RO