

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF PIÑAN, 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
Adante	PIÑAN (NEW PIÑAN)	123.4328889	8.5026111	low	none	Constant communication and updates with Barangay Pob. South and MDCC on geohazard; Activate BDCC;		2009	MGB-RO
Bacuyong	PIÑAN (NEW PIÑAN)	123.4196667	8.4989167	low	none	Constant communication and updates with Barangay Sigabe and Adante on geohazard; Activate BDCC;		2009	MGB-RO
Bagong Silang	PIÑAN (NEW PIÑAN)	123.4780000	8.3564167	Moderate (brgy. proper)	none	(High) along road cut going to Sta. Fe Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Monitor progress of landslide along road cuts to ensure the safety of the motorist passing along this landslide area; Develop an early warning device/system intended for landslide-related hazard prevention; Constant communication and updates with Barangay Sta. Fe on geohazard; Activate BDCC;		2009	MGB-RO

Calican	PIÑAN (NEW PIÑAN)	123.4197778	8.4407222	Moderate	none	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Dilawa and Luzvilla on geohazard; Activate BDCC;		2009	MGB-RO
Ubay (Daan Tipan)	PIÑAN (NEW PIÑAN)	123.4509722	8.4040833	Moderate	none	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Upper Gumay on geohazard; Activate BDCC;		2009	MGB-RO
Del Pilar	PIÑAN (NEW PIÑAN)	123.4198889	8.4701111	low	none	Constant communication and updates with Barangay Sigabe and MDCC on geohazard; Activate BDCC;		2009	MGB-RO
Dilawa	PIÑAN (NEW PIÑAN)	123.4335000	8.3675000	low	none	Constant communication and updates with Barangay Desin and Sikitan on geohazard; Activate BDCC;		2009	MGB-RO

Desin	PIÑAN (NEW PIÑAN)	123.4190000	8.4106111	low	None (brgy. proper)	Constant communication and updates with Barangay Villarico on geohazard; Activate BDCC;	(Flashflood along Disoy Creek) Presently, the spillway is not passable; Accessible from Villarico is via bamboo raft crossing Disoy Creek; Motorcycle can be transported to the other bank; Alternate route for other vehicles is recommended; If crossing this river, observed for rapid increase/decrease of river water possibly accompanied by increase turbidity or soil content; Develop an early warning device/system intended for flashflood-related hazard prevention;	2009	MGB-RO
Dionum	PIÑAN (NEW PIÑAN)	123.4554444	8.4402222	low	None (brgy. proper)	Constant communication and updates with Barangay Silano on geohazard; Activate BDCC;	(Flashflood along Dionum Creek) If crossing this river, observed for rapid increase/decrease of river water possibly accompanied by increase turbidity or soil content; Slope protection of scoured channel should be properly engineered; Develop an early warning device/system intended for flashfloodrelated hazard prevention;	2009	MGB-RO

Lapu-lapu	PIÑAN (NEW PIÑAN)	123.4592500	8.4628889	low	None	Constant communication and updates with Barangay Pob. North and MDCC on geohazard; Activate BDCC;	(Flashflood along Galay Creek, major tributary of Dipolog River) If crossing this river, observed for rapid increase/decrease of river water possibly accompanied by increase turbidity or soil content; Develop an early warning device/system intended for flashfloodrelated hazard prevention;	2009	MGB-RO
Lower Gumay	PIÑAN (NEW PIÑAN)	123.4406389	8.4463333	Moderate	low (barangay hall) (Flashflood along Gumay River)	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Dionum on geohazard; Activate BDCC;	Construct a channel/canal or culvert to reduce the dispersion of surface water on the entrée point of the barangay hall; Purok II and IV are extremely affected by flashflooding of Gumay River; Construction of spillway or foot bridge is necessary to ensure future safety of the populace who are frequently passing across the creek/river; Develop an early warning device/system intended for flashflood-related hazard prevention; Activate BDCC;	2009	MGB-RO

Luzvilla	PIÑAN (NEW PIÑAN)	123.5092222	8.3275833	Moderate	none	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Teresita and Sikitan on geohazard; Activate BDCC;		2009	MGB-RO
Poblacion North	PIÑAN (NEW PIÑAN)	123.4514167	8.4799444	low	none	Constant communication and updates with Barangay Pob. South and MDCC on geohazard; Activate BDCC;		2009	MGB-RO
Santa Fe	PIÑAN (NEW PIÑAN)	123.4563056	8.3767778	Moderate	none	(High) along road cut going to Upper Gumay Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Monitor progress of landslide along road cuts to ensure the safety of the motorist passing along this landslide area; Develop an early warning device/system intended for landslide-related hazard prevention; Constant communication and updates with Barangay Ubay on geohazard; Activate BDCC;		2009	MGB-RO
Segabe	PIÑAN (NEW PIÑAN)	123.4242500	8.4840278	low	none	Constant communication and updates with Barangay Pob. South and MDCC on geohazard; Activate BDCC;		2009	MGB-RO

Sikitan	PIÑAN (NEW PIÑAN)	123.4641111	8.3489167	Moderate	none	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Dilawa and Luzvilla on geohazard; Activate BDCC;		2009	MGB-RO
Silano	PIÑAN (NEW PIÑAN)	123.4647778	8.4445556	low	None (brgy. center)	Constant communication and updates with Barangay Pob. South and MDCC on geohazard; Activate BDCC;	Flashflood along Silano Creek; If crossing this river, observed for rapid increase/decrease of river water possibly accompanied by increase turbidity or soil content; Develop an early warning device/system intended for flashflood related hazard prevention;	2009	MGB-RO
Teresita	PIÑAN (NEW PIÑAN)	123.5211111	8.3366667	Moderate	none	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Luzvilla and Bagong Silang on geohazard; Activate BDCC;		2009	MGB-RO
Tinaytayan	PIÑAN (NEW PIÑAN)	123.4368889	8.4281944	Moderate	None (brgy. center)	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Dilawa and Luzvilla on geohazard; Activate BDCC;	(Flashflood along Calican River or locally named as Gumay Creek) If crossing this river, observed for rapid increase/decrease of river water possibly accompanied by increase turbidity or soil content; Develop an early warning device/system intended for flashfloodrelated hazard prevention;	2009	MGB-RO

Upper Gumay	PIÑAN (NEW PIÑAN)	123.4499444	8.4255000	Moderate	none	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Lower Gumay on geohazard; Activate BDCC;		2009	MGB-RO
Villarico	PIÑAN (NEW PIÑAN)	123.4293056	8.4181389	Moderate	none	Observed for presence of mass movement (landslide, tension cracks) along steeply dipping ridge slope; Constant communication and updates with Barangay Calican on geohazard; Activate BDCC;		2009	MGB-RO
Poblacion South	PIÑAN (NEW PIÑAN)	123.4451389	8.4809722	low	none	Constant communication and updates with Barangay Pob. North and MDCC on geohazard; Activate BDCC;		2009	MGB-RO

