

**TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF SERGIO OSMEÑA SR., ZAMBOANGA DEL NORTE**

<b>BRGY</b>	<b>MUNICIPALITY/ CITY</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>	<b>LANDSLIDE SUSCEPTIBILITY RATING</b>	<b>FLOOD SUSCEPTIBILITY RATING</b>	<b>LANDSLIDE REMARKS/RECOMMENDATIONS</b>	<b>FLOOD REMARKS/RECOMMENDATIONS</b>	<b>AS OF</b>	<b>ASSESSED BY/DATA SOURCE</b>
Antonino	<b>SERGIO OSMEÑA SR.</b>	123.5083056	8.3150556	Moderate (brgy. center);High (creek channel/steep slopes near barangay hall and road cuts)	None	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces constant communication and updates with Barangay Situbo on geohazard situation; activate barangay disaster coordinating council.		2010	MGB-RO
Bagong Baguio	<b>SERGIO OSMEÑA SR.</b>	123.5413889	8.2775000	Moderate (brgy. proper);High (steep slope toward Barangay Don Eleno)	None (brgy. center); Low to moderate (sheetflood) (flashflood along Kataasan Creek, locally called Salug River)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (barangay center); observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces constant communication and updates with Barangay Buenavista on	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 related hazard prevention;	2011	MGB-RO

Bagumbayan	<b>SERGIO OSMEÑA SR.</b>	123.3125278	8.2801944	Moderate (brgy. proper):High ( creek channel, road cuts and steep slopes);	None (sheetflood) moderate (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Nazareth on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO
Biayon	<b>SERGIO OSMEÑA SR.</b>	123.4804167	8.2998333	Moderate (brgy. proper);High (creek channel/steep slopes)	None (brgy. proper); low( flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces ; constant communication and updates with Barangay Poblacion Alto on geohazard situation; activate barangay disaster coordinating council.	Put up concrete canals for surface runoff during heavy downpour.	2010	MGB-RO

Buenavista	<b>SERGIO OSMEÑA SR.</b>	123.5334722	8.2911111	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	None	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Sinai on geohazard situation; activate barangay disaster coordinating council.		2010	MGB-RO
Dampalan	<b>SERGIO OSMEÑA SR.</b>	123.4424444	8.2607500	Low to moderate	None (sheetflood and flashflood)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay San Juan on geohazard situation; activate barangay disaster coordinating council.		2010	MGB-RO

Danao	<b>SERGIO OSMEÑA SR.</b>	123.4611111	8.2780556	Moderate (brgy. proper);High ( creek channel, road cuts and steep slopes)	None (sheetflood and flashflood)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; activate barangay disaster coordinating council;		2010	MGB-RO
Don Eleno	<b>SERGIO OSMEÑA SR.</b>	123.5511111	8.2880556	high	None	Monitor progress of mass movement (e.g. landslides, tension cracks) along the mountainous section; Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (barangay Buenavista); observed for saturated ground or seeps in areas that are not typically wet; identify relocation site for residents of the barangay center/ foot of the active landslide; constant communication and updates with Barangay Buenavista on geohazard situation; activate barangay disaster coordinating council.		2010	MGB-RO

Kauswagan	<b>SERGIO OSMEÑA SR.</b>	123.3728889	8.2503056	Moderate (brgy. center);High (creek channel, road cuts and steep slopes)	low (sheetflood) moderate (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay San Isidro on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; place warning signage near access road across creek. Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO
Labiray	<b>SERGIO OSMEÑA SR.</b>	123.4211111	8.2644444	Moderate (brgy. proper);High (creek channel, steep slopes, and road cuts)	None (sheetflood) low (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Dampalan on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO

Liwanag	<b>SERGIO OSMEÑA SR.</b>	123.4727778	8.2852778	Moderate (brgy. center);High (creek channel, steep slopes, and road cuts)	low (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; observe for sunken and displaced road surfaces constant communication and updates with barangay Biayon on geohazard situation; activate barangay disaster coordinating council.	observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content);	2010	MGB-RO
Mabuhay	<b>SERGIO OSMEÑA SR.</b>	123.3758333	8.2994444	High	Low (creeks)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces;constant communication and updates with barangay Prinsesa Lamaya and Macalibre on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO

Macalibre	<b>SERGIO OSMEÑA SR.</b>	123.4011111	8.2969444	Moderate (brgy center); High ( basketball court and its immediate vicinity; creek channel, steep slopes, and road cuts)	None (sheetflood) moderate (flashflood along minor creeks near the barangay center)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Prinsesa Lamaya on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
Mahayahay	<b>SERGIO OSMEÑA SR.</b>	123.3473056	8.1422500	Moderate (brgy. proper);High ( creek channels, road cuts and steep slopes)	High (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Marapong on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; place warning signage near access road across creek. Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO

Marapong	<b>SERGIO OSMEÑA SR.</b>	123.3464167	8.2890833	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	high (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay San Isidro on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; place warning signage near access road across creek. Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO
Nazareth	<b>SERGIO OSMEÑA SR.</b>	123.3150000	8.2913056		high (flashflood/sheetflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay San Isidro on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; place warning signage near access road across creek. Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO



Nebo	<b>SERGIO OSMEÑA SR.</b>	123.3591667	8.2719444	Moderate (brgy center);High (creek channel, road cuts and steep slopes) ;	low (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; identify relocation site for residents of Purok Mapurog; constant communication and updates with barangay Pedagan on geohazard situation; activate barangay disaster coordinating council. Improve drainage system within barangay center specially residential houses located along the slopes of the center.	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 related hazard prevention; Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO
New Rizal	<b>SERGIO OSMEÑA SR.</b>	123.3261389	8.3293333	Moderate (brgy. center);High (steep slopes/road cuts)	Low (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Mahayahay on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO

New Tangub	<b>SERGIO OSMEÑA SR.</b>	123.4429167	8.2411667	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	low (sheetflood) high (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay San Juan on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
Nuevavista	<b>SERGIO OSMEÑA SR.</b>	123.3474722	8.3521667	High	None (sheetflood) Low (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Mahayahay on geohazard situation; identify relocation site; activate barangay disaster coordinating council.	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 related hazard prevention; Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO

Pedagan	<b>SERGIO OSMEÑA SR.</b>	123.4179167	8.2392222	low (brgy. center);High (creek channel, steep slopes, and road cuts)	high (sheetflood); high (flashflood along Salug River)	Observe for presence of mass movement; constant communication and updates with barangay Dampalan on geohazard situation; activate barangay disaster coordinating	The barangay center is within the flood plain of Salug Daku River; 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 related hazard prevention;	2010	MGB-RO
Penacio	<b>SERGIO OSMEÑA SR.</b>	123.5213889	8.3133333	high	None (brgy. center);High (flashflood along creek)	High (steep slopes and road cuts); Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (top ridge); observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Barangay Situbo on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
Poblacion Alto	<b>SERGIO OSMEÑA SR.</b>	123.5066667	8.2986111	Moderate (brgy. center); High (creek channel/steep slopes)	None to low (flashflood)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (barangay center); observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with MDCC/MPDC, Sinai on geohazard situation; activate barangay disaster coordinating council.	Put up concrete canals for surface runoff during heavy downpour	2010	MGB-RO

Poblacion Bajo	<b>SERGIO OSMEÑA SR.</b>	123.5051389	8.2864722	Moderate/high (steep slopes and road cuts)	None (sheetflood)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay Poblacion Alto on geohazard situation; activate barangay disaster coordinating council.	Put up concrete canals for surface run-off during heavy downpour	2010	MGB-RO
Princesa Lamaya	<b>SERGIO OSMEÑA SR.</b>	123.4141667	8.2738889	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	High (flashflood/sheetflood on the flat lying ground near Salug Daku River tributary)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; identify relocation site for residents of Purok Mapurog; constant communication and updates with barangay Pedagan on geohazard situation; activate barangay disaster coordinating council. Improve drainage system within barangay center specially residential houses located along the slopes of the center.	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 related hazard prevention; place warning signage near access road across the river; put a steel bridge across the river.	2010	MGB-RO

Princesa Freshia	<b>SERGIO OSMEÑA SR.</b>	123.3599722	8.2757500	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	Moderate (flashflood along creeks across access road)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; identify relocation site for residents of Purok Mapurog; constant communication and updates with barangay Pedagan on geohazard situation; activate barangay disaster coordinating council. Improve drainage system within barangay center specially residential houses located along the slopes of the center.	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 related hazard prevention; Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO
San Antonio	<b>SERGIO OSMEÑA SR.</b>	123.3275000	8.2804167	Moderate (brgy. center);High (adjacent slope to barangay hall/road cuts/steep slopes)	High (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Barangay Marapong on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO

San Francisco	<b>SERGIO OSMEÑA SR.</b>	123.3680556	8.3256944	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	high (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Sinaad on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO
San Isidro	<b>SERGIO OSMEÑA SR.</b>	123.3949444	8.2496944	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	High	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay San Isidro on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; place warning signage near access road across creek.	2010	MGB-RO

San Jose	<b>SERGIO OSMEÑA SR.</b>	123.4294444	8.2952778	High	low (flashflood along creek)	Barangay center is within landslide accumulation zone; Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (away from the steep slope near the barangay center); observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with Barangay Wilben on geohazard situation; identify relocation site for residents located at the foot and mid slope of the steeply sloping hilly section; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
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San Juan	<b>SERGIO OSMEÑA SR.</b>	123.4807222	8.2663889	low (brgy. center);High ( creek channel, road cuts and steep slopes)	High (flashflood along Kataasan Creek, locally called Salug River)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay Dampalan on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
Sinaad	<b>SERGIO OSMEÑA SR.</b>	123.3732778	8.3569444	High	high (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Biayon on geohazard relocation site; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO



Sinai	<b>SERGIO OSMEÑA SR.</b>	123.5112500	8.2993056	Moderate (brgy. proper);High (creek channel/steep slopes near barangay hall and road cuts)	high (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces constant communication and updates with Barangay Poblacion Alto/MDCC on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
Situbo	<b>SERGIO OSMEÑA SR.</b>	123.5020000	8.3077222	Moderate (brgy. center);High (creek channel/steep slopes near barangay hall and road cuts)	high (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces constant communication and updates with Barangay Biayon on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO

Tinago	<b>SERGIO OSMEÑA SR.</b>	123.3676667	8.2350833	Moderate (brgy. center);High ( creek channel, road cuts and steep slopes)	Low	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay San Isidro on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention; Identify alternate route/access road for the residents during rainy season or heavy, incessant rain since the available road to the barangay passes several segments of the active river.	2010	MGB-RO
Tinindugan	<b>SERGIO OSMEÑA SR.</b>	123.3588889	8.2813889	Moderate (brgy. center);High (steep slopes/ Elementary school)	None (sheetflood)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken and displaced road surfaces; constant communication and updates with barangay Venus on geohazard situation; activate barangay disaster coordinating council.		2010	MGB-RO

Tuburan	<b>SERGIO OSMEÑA SR.</b>	123.5569444	8.3094444	moderate (brgy. center);High (Layawan River channel, steep slopes and road cuts)	high (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (top ridge); observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Barangay Penacio on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
Venus	<b>SERGIO OSMEÑA SR.</b>	123.5047222	8.2719444	Low (brgy. center);Moderate/high (steep slopes and road cuts)	None to low (sheetflood and flashflood)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay Poblacion Bajo on geohazard situation; activate barangay disaster coordinating council.	Put up canals for surface run-off during heavy downpour	2010	MGB-RO

Wilben	<b>SERGIO OSMEÑA SR.</b>	123.4594444	8.3027778	Moderate (brgy. center);High (creek channel/steep slopes)	moderate (flashflood along creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (top ridge); observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with Barangay Biayon on geohazard situation; activate barangay disaster coordinating council.	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 related hazard prevention;	2010	MGB-RO
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