

**TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF AURORA, 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
Acad	AURORA	123.635154	7.920707	moderate (narrow top ridge; brgy. center); high (steep ridge slopes)	none (brgy. proper); moderate (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
Alang-alang	AURORA	123.576041	7.938292	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep gully zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO
Alegria	AURORA	123.552583	7.946472	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep gully zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Anonang	AURORA	123.624474	7.940579	high (steep slopes; road cuts; gully sides)	moderate to high (flashflood within creeks)	The barangay proper/build-up zone is situated along the national road passing one of the suture zone/faultline of Sindangan-Cotabato Fault Lineament ; The areas is highly susceptible to landslide accumulation; There were incidence of landslide in August 2006 along the national road and build-up zones in Purok 3 and 4. There were five casualties and several houses and infrastructure projects (road; bridge) affected; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Identify relocation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the	Intermittent creeks in Purok 4 overflowed affecting the residential houses and bridge; Observe for rapid increase in flood water possible accompanied by increase turbidity (debris materials); Develop early warning system/signal for flashflood/sheetflood; debris slide along the creeks;	2006	MGB-RO
Bagong Mandaue	AURORA	123.525361	7.969306	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep gully zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO
Bag-ong Maslob	AURORA	123.580534	7.931960	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep gully zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Bagong Oslob	AURORA	123.643499	7.886235	moderate (narrow top ridge; brgy. center); high (steep ridge slopes; road cuts)	none (brgy. proper); moderate (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
Bagong Pitogo	AURORA	123.575319	7.929996	low (barangay center); moderate to high (gully sides)	none	No build-up within the steep gully zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC		2006	MGB-RO
Baki	AURORA	123.529833	7.957583	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep gully zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Balas	AURORA	123.636007	7.976656	none	high (coastal zone along Panguil Bay; estuary of Salug Daku River);		The brgy proper is along Salug Daku River; Observe for rapid increase in floodwater/sea water swell due to intense rainfall/storm surge ; Identify evacuation/relocation site; Develop early warning system/signal intended for flooding/coastal related hazard. Activate BDCC.	2006	MGB-RO
Balide	AURORA	123.598064	7.933431	Low to moderate (top ridge; brgy.center); high; (steep gully/valley sides)	none (brgy.proper); moderate to high (flashflood within creeks)	No build-up within the steep valley zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Observe for rapid increase/decrease in floodwater possible accompanied by increase turbidity (soil content);	2006	MGB-RO
Balintawak	AURORA	123.496328	7.956921	Low to moderate (top ridge; brgy.center); high; (steep gully/valley sides)	none (brgy.proper); moderate to high (flashflood within creeks)	No build-up within the steep valley zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Observe for rapid increase/decrease in floodwater possible accompanied by increase turbidity (soil content);	2006	MGB-RO

Bayabas	AURORA	123.606692	7.939767	low (barangay center); high (steep slopes/road cuts along the national road to Brgy. Anonang)	none to low (localize flooding;flashflood within creeks/gullies)	The build-up/brgy. center area is not susceptible to landslide, however, the segment of Romarate-Anonang National road traversing on top of the suture zone/faultline of Sindangan Cotabato Fault is highly susceptible to landslide. There were reported numerous cases of landslide within the segment blocking the road and causing traffic jam; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses directly on top of the steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network.	2006	MGB-RO
Bemposa	AURORA	123.552194	7.935389	low to moderate (brgy. center) high (gully sides)	none to low (brgy. center); moderate (flashflood within creek)	There was a reported landslide along creek channel downslope of the elem school; It is advisable that children should not be allowed to play within the area; Observe for/and or monitor for presence/progress of mass movement (tension cracks/soil creep); Place a warning signage in the site; Activate BDCC.	Address and/or improve strom water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content).	2006	MGB-RO

Cabilinan	AURORA	123.587993	7.931477	Low to moderate (top ridge; brgy.center); high; (steep gully/valley sides)	none (brgy.proper); moderate to high (flashflood within creeks)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot and on top of the steep slopes/valley sides; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in floodwater possible accompanied by increase turbidity (soil content);	2006	MGB-RO
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Campo Uno	AURORA	123.549417	7.985056	moderate to high	none	Minor build-up zone/barangay proper is situated on top of a down thrown block within the suture zone/faultline of Sindangan Cotabato Lineament; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot and on top of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).		2006	MGB-RO
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Ceboneg	AURORA	123.658948	7.889825	moderate (narrow top ridge; brgy. center); high (steep ridge slopes; road cuts; gully sides)	none (brgy. proper); low (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
Commonwealth	AURORA	123.535192	7.974892	low (barangay center); moderate t (gully sides)	none to low (localize flooding; flashflood within creek; gullies)	Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Gubaan	AURORA	123.580806	7.981000	moderate (top ridge); high (steep gully sides/slopes; road cuts )	moderate to high (floodplain of Salug Daku River (Puroks Samahang Nayon, Malinawon, and Manga-angayon)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observed for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop early warning system/signal for flashflood/sheetflood related hazard; identify evacuation and or relocation site for residents near the creek channels/river.	2006	MGB-RO
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Inasagan	AURORA	123.558083	7.976000	High (Purok Upper Inasagan ; steep slopes; road cuts; gully sides)	none	Minor build-up zone/barangay proper is situated along Aurora-Magsaysay road just below the steep slopes, south of the barangay center; The steep slope is a surface manifestation of suture zone/faultline of Sindangan-Cotabato Fault Lineament passing within the area. Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Identify evacuation and/or relocation sites. Limit/avoid constructing houses within the foot and on top of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).		2006	MGB-RO
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Inroad	AURORA	123.643917	7.911472	moderate (narrow top ridge; brgy. center); high (steep ridge slopes)	none (brgy. proper); moderate (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
Kahayagan East (Katipunan)	AURORA	123.518352	7.981547	low (barangay center); moderate (gully sides)	none to seasonally low (localize flooding; flashflood within creek; gullies)	Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO
Kahayagan West	AURORA	123.511500	7.984161	low (barangay center); moderate (gully sides)	none to seasonally low (localize flooding; flashflood within creek; gullies)	Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Kauswagan	AURORA	123.529333	8.006500	none (floodplain); high (steep ridge slopes; road cuts)	high (flashflood/sheetflood along Dipolo River and creek near the elem school)	Minor build-up zone/barangay proper is situated at the footslope of intensely weathered/alterd rocks which is highly susceptible to landside; Minor landslide along road cuts are observed; Minor evidence of landslide escarpment along valley sides; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, gully sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	The elem. school and its neighboring low lying areas are highly susceptible to flooding; The creek should be dredge; embankment protection along the elem school should be constructed to reduce if not mitigate the effect of flashflood to the school; Observe for rapid increase in floodwater level; identify evacuation and or reloaction site; Develop early warning system/signal for flashflood/sheetflood related hazard; Limit/avoid constructing houses within the floodplain zone near Dipolo River;	2006	MGB-RO
La Victoria	AURORA	123.549220	7.969373	low (barangay center); moderate (gully sides)	none to low (localize flooding; flasflood within creek;gullies)	Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Lantungan	AURORA	123.629361	7.900167	moderate (narrow top ridge; brgy. center); high (steep ridge slopes)		Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).		2006	MGB-RO
Libertad	AURORA	123.561397	7.964638	low (barangay center); moderate t (gully sides)	none to seasonally low (localize flooding; flashflood within creek;gullies)	Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Lintugop	AURORA	123.618417	7.954111	none (brgy. center; floodplain); high (steep ridge-Purok Bombel; road cuts; steep creek channels)	Seasonally high (floodplain zone; marshland)	Purok Bombel was affected by the 2006 landslide; No casualty was reported within the community. The brgy center was not directly affected, however mud flow reached the build-up zone; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses directly at the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Flooding is confined along the creeks and floodplain zone near the brgy. center; Observed for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop early warning system/signal for flashflood/sheetflood related hazard; identify evacuation and or relocation site for residents near the creek channels/river that was once affected by the mud flow in 2006.	2006	MGB-RO
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Lubid	AURORA	123.612604	7.908155	moderate (narrow top ridge; brgy. center); high (steep ridge slopes; road cuts)	none (brgy. proper); moderate (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
Mahiusa	AURORA	123.530149	7.963008	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep valley zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.		
Maguikay	AURORA	123.552194	7.954056	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep valley zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Mahayahay	AURORA	123.582722	7.969083	moderate to high	none	Minor build-up zone/barangay proper is situated on top of a down thrown block within the suture zone/faultline of Sindangan Cotabato Lineament; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot and on top of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).		2006	MGB-RO
Monte Alegre	AURORA	123.499118	7.988698	low (barangay center); moderate to high (steep slope north of the barangay center)	none to low (localize flooding)	No build-up within the steep valley zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO
Montela	AURORA	123.491330	7.972980	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep valley zone; Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Napo	AURORA	123.648278	7.918833	moderate (narrow top ridge; brgy. center); high (steep ridge slopes)	none (brgy. proper); moderate (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
Poblacion	AURORA	123.584972	7.949583	low (barangay center); moderate(gully sides)	none to low (localize flooding; flashflood within creek;gullies)	Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

Resthouse	AURORA	123.651972	7.902056	moderate (narrow top ridge; brgy. center); high (steep ridge slopes; gully sides)	none (brgy. proper); low (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
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Romarate	AURORA	123.598125	7.951337	low (barangay center); high (steep slopes/road cuts along the national road to Brgy. Anonang)	none to low (localize flooding;flashflood within creeks/gullies)	The build-up/brgy. center area is not susceptible to landslide, however, the segment of Romarate-Anonang National road traversing on top of the suture zone/faultline of Sindangan Cotabato Fault is highly susceptible to landslide. There were reported numerous cases of landslide within the segment blocking the road and causing traffic jam; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot and on top of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network.	2006	MGB-RO
San Jose	AURORA	123.583018	7.955299	low (barangay center); moderate(gully sides)	none to seasonally low (localize flooding; flashflood within creek;gullies)	Observe and/or monitor for landslide (tension cracks; soil creep) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO

San Juan	AURORA	123.540528	7.951361	moderate (narrow top ridge; brgy. center); high (steep ridge slopes)	none (brgy. proper); moderate (flashflood within creek channels)	Minor build-up zone/barangay proper is situated on top of a narrow ridge; Minor evidence of landslide escarpment along valley sides; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater.	2006	MGB-RO
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Sapa Loboc	AURORA	123.540167	7.994694	moderate to high	none	<p>Minor build-up zone/barangay proper is situated on top of a down thrown block within the suture zone/faultline of Sindangan Cotabato Lineament; No immediate community directly affected by landslide;</p> <p>Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot and on top of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).</p>		2006	MGB-RO
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Tagulalo	AURORA	123.592417	7.974111	moderate to high	none	Minor build-up zone/barangay proper is situated on top of a down thrown block within the suture zone/faultline of Sindangan Cotabato Lineament; No immediate community directly affected by landslide; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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; Limit/avoid constructing houses within the foot and on top of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).		2006	MGB-RO
La Paz (Tinibtiban)	AURORA	123.595139	7.957667	low to moderate (brgy. center) high (road cuts; steep gully sides)	low (flashflood within creeks)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; 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).	Address and/or improve storm water drainage network.	2006	MGB-RO

Waterfall	AURORA	123.563491	7.941099	low (barangay center); moderate to high (gully sides)	none to low (localize flooding)	No build-up within the steep valley zone; Observe and/or monitor for landslide (tension cracks; soil cree) within the steeply sloping zone; Activate BDCC	Address and/or improve storm water drainage network.	2006	MGB-RO
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