

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF BAYOG, 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
Baking	BAYOG	123.091611	7.884389	low (brgy center); moderate to high (steep ridge slopes; riverbank; road cuts)	high (flashflood/sheetflood within Sibuguey River floodplain)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain of Sibuguey River; Identify evacuation and/or relocation site.	2006	MGB-RO

Balukbahan	BAYOG	123.128528	7.989361	high (steep valley sides; riverbank); low (valley floor)	moderate (flashflood/sheetflood within creeks near the brgy center)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the creek; Identify evacuation and/or relocation site.	2006	MGB-RO
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Balumbunan	BAYOG	123.091611	7.884389	high (steep ridge slopes and gully/valley sides; road cuts)	low to moderate (flashflood/sheetflood within creeks/gullies)	The barangay center is situated within the mis slope; 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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease of floodwater possibly accompanied by increase turbidity and soil content.	2006	MGB-RO
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Bantal	BAYOG	123.024444	7.923417	high (steep valley sides; riverbank; road cuts); low (valley floor)	high (flashflood/sheetflood within river channels/floodplain floor)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the river; Identify evacuation and/or relocation site.	2006	MGB-RO
Bobuan	BAYOG	123.081896	7.954105	low to moderate (brgy. proper; top ridge); high (steep ridge slopes; gully sides; road cuts)	low (flashflood within creeks/gullies)	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; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content.	2006	MGB-RO

Camp Blessing	BAYOG	123.067583	7.869250	moderate to high (steep valley sides; riverbank); low (valley floor; brgy center)	high (flashflood/sheetflood within Sibuguey River floodplain)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the creek; Identify evacuation and/or relocation site.	2006	MGB-RO
Canoayan	BAYOG	123.070083	7.959028	low (brgy center); moderate to high (steep ridge slopes; riverbank; road cuts)	low to moderate (flashflood within creeks/gullies)	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; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses near the creek channels; Identify evacuation and/or relocation site.	2006	MGB-RO

Conacon	BAYOG	123.064583	7.918556	high (steep ridge slopes and gully/valley sides; road cuts)	low (flashflood/sheetflood within creeks/gullies)	The barangay center is situated within the mis slope of a narrow ridge; 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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease of floodwater possibly accompanied by increase turbidity and soil content.	2006	MGB-RO
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Dagum	BAYOG	123.101778	7.901611	moderate to high (steep valley sides; riverbank; road cuts); low (valley floor)	moderate (flashflood/sheetflood within river channels/floodplain)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the river; Identify evacuation and/or relocation site.	2006	MGB-RO
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Damit	BAYOG	122.999389	7.825944	moderate to high (steep valley sides; riverbank); low (valley floor; brgy center)	low to moderate (flashflood/sheetflood within Sibuguey River floodplain)	Brg;y center is located within the footslope of steep ridge); 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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the creek; Identify evacuation and/or relocation site.	2006	MGB-RO
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Datagan	BAYOG	123.100500	7.953306	high (steep valley sides; riverbank; road cuts); low (valley floor)	high (flashflood/sheetflood within river channels/floodplain floor)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the river; Identify evacuation and/or relocation site.	2006	MGB-RO
Depase	BAYOG	123.056111	7.831361	none to low (valley floor of Sibuguer River drainage system); high (riverbank)	.	Address riverbank erosion by constructing properly engineered embankment protection; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying unprotected floodplain section near the River; Identify evacuation and/or relocation site.	2006	MGB-RO

Deporehan	BAYOG	123.049889	7.958639	moderate to high	low (flashflood within gullies/creeks)	Brgy center is located along the midslope of moderate to steep ridge); 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; Identify relocation/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease of floodwater possibly accompanied by increase turbidity and soil content;	2006	MGB-RO
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Depore	BAYOG	123.012056	7.845722	high (steep valley sides; riverbank); low (valley floor; brgy center)	low to moderate (flashflood/sheetflood within Sibuguey River floodplain)	Brg;y center is located within the footslope os steep ridge); 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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the creek; Identify evacuation and/or relocation site.	2006	MGB-RO
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Dimalinao	BAYOG	123.004472	7.907667	high (steep valley sides; riverbank; road cuts); low (valley floor)	high (flashflood/sheetflood within river channels/floodplain floor)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the river; Identify evacuation and/or relocation site.	2006	MGB-RO
Depili	BAYOG	123.030583	7.840250	none to low (floodplain); high (steep ridge slopes; riverbank; roadcuts)	moderate (flashflood/sheetflood within creek)	Address riverbank erosion by constructing properly engineered embankment protection; Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes and road cuts; 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; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying unprotected floodplain section near the creek ;Identify evacuation and/or relocation site.	2006	MGB-RO

Kahayagan	BAYOG	123.046667	7.856667	moderate to high (steep valley sides; riverbank); low (valley floor; brgy center)	low to moderate (flashflood/sheetflood within Sibuguey River floodplain)	Brg;y center is located within the footslope of steep ridge); 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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Identify evacuation and/or relocation site.	2006	MGB-RO
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Kanipaan	BAYOG	123.082778	7.881139	moderate to high (steep ridge slopes; riverbank); none to low (floodplain/valley floor of Sibuguey River).	high (flashflood/sheetflood within Sibuguey River floodplain)	The barangay center is situated within the moderately sloping mid slope of the ridge; 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).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the river; Identify evacuation and/or relocation site.	2006	MGB-RO
Lamare	BAYOG	123.032944	7.828333	high (steep valley sides; riverbank); low (valley floor)	high (flashflood/sheetflood within Sibuguey River floodplain)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the river Identify evacuation and/or relocation site.	2006	MGB-RO

Liba	BAYOG	123.058417	7.904556	high (steep ridge slopes and gully/valley sides; road cuts)	low (flashflood/sheetflood within creeks/gullies)	The barangay center is situated within the mis slope of a narrow ridge; 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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease of floodwater possibly accompanied by increase turbidity and soil content.	2006	MGB-RO
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Matin-ao	BAYOG	123.110694	7.985083	High (steep ridge slopes/valley sides; road cuts)	none (brgy center) low to moderate (flashflood/sheetflood within creeks)	The barangay center is situated within the mis slope of narrow ridge; 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/evacuation site for settlers that are immediately affected by the imminent landslide; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content.	2006	MGB-RO
Matun-og	BAYOG	123.074611	7.871667	high (steep valley sides; riverbank); low (valley floor)	moderate (flashflood/sheetflood within creeks near the brgy center)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the creek; Identify evacuation and/or relocation site.	2006	MGB-RO

Poblacion	BAYOG	123.041222	7.851333	none to low (valley floor of Sibuguer River drainage system); high (riverbank)	low to moderate (flashflood/sheetflood within floodplain near Sibuguey River)	Address riverbank erosion by constructing properly engineered embankment protection; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying unprotected floodplain section near the River; Identify evacuation and/or relocation site.	2006	MGB-RO
Pulang Bato	BAYOG	123.013861	7.886028	high (steep valley sides; riverbank; road cuts); low (valley floor)	high (flashflood/sheetflood within river channels/floodplain)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the river; Identify evacuation and/or relocation site.	2006	MGB-RO

Salawagan	BAYOG	123.025917	7.836722	none to low (valley floor of Sibuguer River drainage system); high (riverbank)	high (flashflood/sheetflood within floodplain near Sibuguey River)	Address riverbank erosion by constructing properly engineered embankment protection; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying unprotected floodplain section near the River; Identify evacuation and/or relocation site.	2006	MGB-RO
Sigacad	BAYOG	123.149389	7.998528	high (steep valley sides; riverbank); low (valley floor; brgy center)	high (flashflood/sheetflood within Sibuguey River floodplain)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/ decrease of floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signal/system for flashflood/sheetflood -related hazard prevention/mitigation; Limit/avoid constructing houses within the low lying floodplain section near the creek; Identify evacuation and/or relocation site.	2006	MGB-RO

Supon	BAYOG	123.067667	7.890139	high (steep ridge slopes and gully/valley sides; road cuts)	low (flashflood/sheetflood within creeks/gullies)	The barangay center is situated within the mis slope of a narrow ridge; 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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease of floodwater possibly accompanied by increase turbidity and soil content.	2006	MGB-RO
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Pangi (San Isidro)	BAYOG	123.081083	7.827528	moderate to high	low (flashflood within creek/gullies)	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/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease of floodwater possibly accompanied by increase turbidity and soil content.	2006	MGB-RO
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