


TERRAIN STABILITY MAPPING OF THE DISTRICT OF COLDSTREAM

For portions of map sheets 082L.014, 082L.015, 082L.024, and 082L.025

Scale 1:20,000

2007



Coldstream

Data Sources

This mapping project is based on 1:15,000 colour stereo aerial photography from Geographic Data BC taken in 1994 and field verification in 2007. Base map is from Terrain Resource Inventory Mapping (TRIM) from Geographic Data BC. A total of 15.5% polygon inspection was achieved (Terrain Survey Intensity Level D).

Terrain Stability Classes	
Class	Interpretation
I	<ul style="list-style-type: none">No significant stability problems exist.
II	<ul style="list-style-type: none">There is a low likelihood of landslides following disturbance or development.Minor slumping is expected along road cuts and excavations.
III	<ul style="list-style-type: none">Stability problems can develop.Minor slumping is expected along road cuts and excavations. There is a low likelihood of landslide initiation following road construction.Assessment by qualified geotechnical professional recommended.
IV	<ul style="list-style-type: none">Expected to contain areas with a moderate likelihood of landslide initiation following development, disturbance or road construction.These areas should be avoided. Use caution when planning intensive land use above or below these areas.Assessment by qualified geotechnical professional recommended.
V	<ul style="list-style-type: none">Expected to contain areas with a high likelihood of landslide initiation. Signs of existing instability present.Avoid these areas. Do not plan intensive land use above or below these areas.Assessment by qualified geotechnical professional recommended.

Credits

Terrain stability mapping: Polly Uuntia, P. Geo. (Polar Geoscience Ltd., Squamish, B.C.)

Digitizing and Cartography: Son Lee (Baseline Geomatics Inc., Victoria, B.C.)

Funding: The District of Coldstream

Accompanying Report

Iverson, K. and P. Uuntia. 2008. Sensitive Ecosystems Inventory, Coldstream Vernon, 2007. Volume 2: Terrestrial Ecosystem, Terrain, Terrain Stability, and Erosion Potential Mapping, and Expanded Legend.

Terrain Stability

I

II

III

IV

V

