

**SOIL EROSION POTENTIAL 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).

**Soil Erosion Potential Classes**

Class	Rating	Management Implications
VL	Very low	<ul style="list-style-type: none"><li>Negligible or very minor soil erosion.</li></ul>
L	Low	<ul style="list-style-type: none"><li>Expect minor erosion of fines in ditch lines and disturbed soils.</li></ul>
M	Moderate	<ul style="list-style-type: none"><li>Expect moderate erosion when water is channelled down road surfaces or ditches and over exposed soils.</li><li>Assessment by qualified sediment and erosion control professional recommended</li></ul>
H	High	<ul style="list-style-type: none"><li>Significant erosion problems can be created when water is channelled onto or over exposed soil on these sites.</li><li>Assessment by qualified sediment and erosion control professional recommended.</li></ul>
VH	Very high	<ul style="list-style-type: none"><li>Severe surface and gully erosion problems can be created when water is channelled onto or over exposed soils at these sites.</li><li>Assessment by qualified sediment and erosion control professional recommended</li></ul>

**Credits**

Soil erosion potential mapping: Polly Uunila, P. Geo. (Polar Geoscience Ltd., Squamish, B.C.)

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

Funding: The District of Coldstream

**Accompanying Report**

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

**Erosion Potential**

- VL
- L
- M
- H
- VH

