



GUN LAKE RESOURCE FOLIO SLOPE RANGES AND RATINGS FOR POTENTIAL SOIL MOVEMENT

Scale 1" = 40 chs.

GUN LAKE RESOURCE FOLIO SLOPE RANGES, RATINGS FOR POTENTIAL SOIL MOVEMENT AND FORESTRY LIMITATIONS

Explanation Of Letter Notation	
S7-H3	70% of the map unit is rated severe
45-60%	30% of the map unit is rated high
	Range of slopes estimated to occur in the map unit

A		B			C					
Map Symbol	General Soil Movement Potential Rating, ¹	% Slope	Common Terrain Symbols ⁴	Approximate Material Depths(CM)	Soil Flow	Mass Movement	Regeneration Problems	Trafficability	Sediment Source	Snow Avalanche
S	Severe	>55	rVv rCv	20-60 20-200+	S	S	S	S	L	H
		>55	rVv Mb,v	30-60 50-400+	S	H	H	S	S	H
		>55	rVv Rh,r,s	10-40	S	L	S	S	L	H
		0-2	01,v	50-160+	-	-	S	S	-	-
H	High	36-55	rVv rCb,v	35-60 20-200+	H	H	H	H	L	H
		36-55	rVv Mb,v	35-60 50-400+	H	L	M	H	H	M
		1-30	sgFA1,b,v	50-400+	-	H	M	L	H	M
M	Moderate	21-35	rVv Cb,v	35-60 20-200+	M	M	M	M	L	L
		21-35	rVv gFMb,v	35-60 50-400+	M	L	M	M	M	L
		21-35	rVv sgFb,v	35-60 50-200+	M	L	M	M	M	L
L	Low	<20	rVv gFMb,v	35-60 50-400+	L	L	M	M	L	L
		<20	rVv sgFb,v,f	35-60 50-200	L	L	M	M	L	L
		<20	rVv R,b,v	35-60	M	L	M	M	L	L

- General soil movement potential rating, column A, is primarily based upon soil flow mass movement, and snow avalanche potentials recorded in column C. The remaining factors in column C are rated as limitations to use as a result of logging activities on various types of terrain.
- The estimated ratings are based on intense storm conditions during and following logging.
- For a more complete description of these individual ratings please refer to the report.
- Refer to accompanying terrain map for more specific terrain characteristics.

- The hatched areas indicate map units which have at least a 50% severe rating. These areas are subject to potentially severe and high environmental impacts during and following logging practices. Depending upon the type of terrain, the following are predicted impacts:
- an increase in the propensity of the volcanic ash to flow down slope, particularly on slopes greater than 55%; consequently, the rooting stability in seedlings will be affected;
 - increased mass movement on colluvial slopes
 - an increase in the potential of snow avalanching by the removal of trees;
 - in increase in potential sediment sources, particularly if the fine textured morainal materials are exposed

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Project area: Gun Lake, 92J15

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Base map provided by: Ministry of Forests