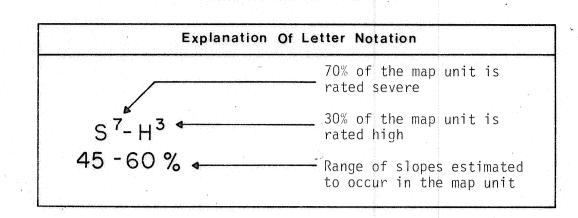


GUN LAKE RESOURCE FOLIO

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



B					Estimated Specific Hazard or Limitation Ratings For: 2,3						
Α		General Landscape Descriptions					nent	Problems		urce	ıche
Map Symbol	General Soil Movement Potential Rating, ¹	% Slope	Common Terrain Symbols	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	Н
		>55	rVv Mbv	30-60 50-400+		S	Н	Н	S	S	. Н
		>55	rVv Rh,r,s	10-40		S	L	Ŝ	S ¹ ,	L	Н
		0-2	01,v	50-160+		_	_	, Ş	S	- , .	<u>-</u>
Н	High	36-55	rVv rCb,v	35-60 20-200+		Н	Н	Н	Н	L	Н
		36-55	rVv Mb,v	35-60 50-400+		Н	L	M	Н	Н	М
		1-30	sgF ^A],b,v	50-400+		-	Н	М	L	Н	М
М	Moderate	21-35	rVv Cb,v	35-60 20-200+		М	М	М	М	L ·	L
		21-35	rVv gfMb,v	35-60 50-400+		М	L	M	М	М	L
	-	21-35	rVv sgF ^G b,v	35-60 50-200+		М	L	М	M	M	L .
L	Low	< 20	rVv gfMb,v	35-60 50-400+		L	L	М	М	L	L
		< '20	rVv sgFGb,v,f	35-60 50-200		, L	L	М	М	L	, L
		< 20	rVv R,b,v	35-60		M	L	М	М	L	L

- 1. 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.
- 2. The estimated ratings are based on intense storm conditions during and following
- 3. For a more complete description of these individual ratings please refer to the
- 4. 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,

textured morainal materials are exposed

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

Project mapped by: R. Maxwell

Resource Analysis Branch Ministry of Environment

Project area: Gun Lake, 92J15 Date of airphotos: September 5, 1975

Date of fieldwork: August, 1979

Date of drafting: December, 1979 - T. McKinnon

Base map provided by: Ministry of Forests