

Map A.3: Terrain Assessment - Classification Legend and Notes

REFERENCE	CLASS	DESCRIPTION	HAZARD	CATEGORY	TERRAIN CLASS	TEXTURE	SLOPE	DEPTH to WATERTABLE	FLOOD FREQUENCY	SOIL DRAINAGE	ROCKINESS CLASS	STONINESS CLASS	COARSE FRAGMENT % by weight	PARTICLES % BY WEIGHT <2mm	EST. UNIFIED CLASSIFICATION GROUP	EST. SHRINK WELL	EST. SUSCEPT. TO FROST ACTION	PERMEABILITY CLASS	DWELLINGS WITH BASEMENT	SEPTIC TANK FILTER FIELD	ROADS AND STREETS	SHALLOW EXCAVATION	SOLID WASTE DISPOSAL	SAND AND GRAVEL
	1	Loamy sand capping over cobbly sandy gravel fluvial fan	None	Fluvial	kgs - kg F ¹ F ¹	is	0.5 to 3	2 to 5m	None to rare	Well to rapid	0	2	60	40	GW-GP	nil to very low	none	rapid	S (5)	M 5(3)	S	M 5	M 3(1)	good
	2	Recent active cobbly river bars	Flood	Fluvial	kg F ¹ -A	kg	0 to 5	3m	Frequent	n/a	0	5	85	15	GW-GP	nil	none	rapid	E 2,5	E 1,2	E 1,2	E 2,11	E 1,2	fair ¹⁵
	3	Cobbly gravelly beach	Flood	Fluvial	kg F ¹ -A	kg	1 to 2	1m	Frequent	Rapid to very rapid	0	5	85	15	GW,GP	nil to very low	none	rapid	E 2,5	E 2,11	E 1,2	E 2,11	E 1,2	fair ¹⁵
	4	Sandy loam capping over bouldery sandy gravel glaciofluvial terrace	None	Glaciofluvial	bg F ¹ t	bg	0 to 5	n/a	None	Rapid to very rapid	0	2 to 3	50 to 70	30 to 40	GP to GW	nil to very low	none	well to rapid	M 5	M 5(3)	S 5	M 5	M 3	good
	5	Bouldery gravel scarp face of glaciofluvial terrace	Slides, erosion	Glaciofluvial	bg F ¹ s	bg	60 to 75	n/a	None	Very rapid	0	5	82	18	GP to GW	very low	none	rapid	E 4,5	E 4,5(3)	M 4(14)	E 4,5	E 3,4	good
	6	Silty fine sand over layers of sand and clay glaciofluvial terrace	None	Glaciofluvial	\$fs/s/c F ¹ t	\$s	0	2 to 3m	Rare	Moderately well	0	0	0	100	SM	very low	slight to high	rapid to moderate	M 8,10,11	M 1,8	S	S	S (8)	unsuited
	7	Bouldery sandy gravel over bedrock at 3 to 5m (estimated)	None	Glaciofluvial	bg F ¹ t	sg	5 to 30	n/a	None	Rapid	0	4	82	18	GW	nil	none	rapid	M 5(4)	M 5(4,3)	M (4,5)	M 5(4)	M 3	good
	8	Strongly rolling bouldery sandy gravel glaciofluvial terrace	None	Glaciofluvial	bg F ¹ rh	sg	20 to 30	n/a	None	Rapid	0	3 to 4	60 to 70	30 to 40	GP to GW	very low	none	rapid	E 5,4	M 4,5(3)	M 4(5)	E 4,5	E 3,4	good
	9	Sandy gravel to gravelly sand glaciofluvial hummocky terrace w/ minor depression	None	Glaciofluvial	sg-gs F ¹ ad	gs	5 to 20	5m in depre	None	Well to poor	0	2	40	80	SP	very low	none to very slight	rapid	M (4) [E 1,8]	S 4 [E 1,8]	S (4)	S [E 1,8]	S (4)	fair
	10	Compacted gravelly sandy loam morainal blanket	Slight surface erosion	Moraine	gsl Mb	sl	5 to 15	n/a	None	Moderately well	1	0	21	79	SM to SC	low	slight to high	moderate	M (4)	M (4,11)	S (4,14)	M 11,14	S	unsuited
	11	Compacted gravelly sandy loam morainal blanket with steep slope	Slumping	Moraine	gsl Mbv-E	sl	35 to 40	n/a	None	Moderately well to well	2	1	20	80	SM to SC	low	slight to high	moderate	E 4(5)	E 4,11	M 4(14)	E 4,5	E 4	unsuited
	12	Sandy loam overlying silty clay loam moraine depression	Inundation	Moraine	SL/SCI Mb-W	sl to \$cl	Depressional	0.3m	Frequent	Imperfect to poor	0	0	10	90	SC to ML	low to very low	medium to very high	slow to very slow	E 1,2,8	E 1,2,8	E 2,8,9	E 1,2,8	E 1,8	unsuited
	13	Bouldery rubbly debris veneer and colluvium	None	Colluvial Debris Veneer	ar Cv	sg	10 to 40	5m	None	Well to rapid	4	5	90	10	GP	very low	none	rapid	E 7	E 5,6,11	M 4(11)	E 6,11	E 11	poor ¹⁵
	14	(See 13) on very steep slopes with bedrock outcrops	Rockfall	Colluvial Debris Veneer	ar Cv/R	sg	40	5m	None	Well to rapid	5	5	90	10	GP	very low	none	rapid	E 7	E 7	E 4,14	E 4,5,11	E 4,11	poor ¹⁵
	15	Rubbly loamy sand colluvial fan overlying glaciofluvial terrace	None	Colluvial Debris Flow	(ris Cf)/(bg F ¹ t)	is	5 to 10	n/a	None	Well	1	2	80	20	GP	very low	none	moderate to rapid	M (5)	S	S	M (5)	S	good ¹⁵
	16	Very steep rock cliff	Rockfall	Colluvial Debris Flow	rs/r/Cv	n/a	Vertical	n/a	None	Rapid	5	2	n/a	n/a	n/a	n/a	n/a	n/a	E 4,6	E 4,5(3)	E 4,6	E 4,6	E 4,6	unsuited
	17	Landfill, gravel pits, sawmill waste, and refuse dump	Contamination	Anthropogenic	A	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

REFERENCE

- 1 see Terrain Classification, 1981, BC Ministry of Environment
- 2 see Appendix 2 of the Talisman Terrain Assessment for Settlement Suitability, Village of Kaslo, 1982
- 3 see Appendix 3 of above
- 4 see Appendix 4 of above
- 5 see Appendix 5 of above
- 6 see Appendix 6 of above
- 7 see Appendix 7 of above
- 8 See Appendix 8 of above

This table and map are derived from the report titled:
TERRAIN ASSESSMENT FOR SETTLEMENT SUITABILITY
VILLAGE OF KASLO, B.C.
 Prepared by Talisman Land Resource Consultants, Vancouver, BC
 December 1992

<p>Limitation Rating S = Slight M = Moderate E = Severe</p> <p>Example ↓ severely limiting fac Limitation Rating → E 2,3(5) ↑ (moderately limit</p>	<p>Limiting Factors</p> <table border="0"> <tr> <td>1 seasonally high water table</td> <td>9 unfavourable soil texture (silty)</td> </tr> <tr> <td>2 flooding hazard</td> <td>10 susceptible to frost heave</td> </tr> <tr> <td>3 rapid permeability</td> <td>11 shallow depth to bedrock/impermeable</td> </tr> <tr> <td>4 excessive slope</td> <td>12 shrink-swell potential</td> </tr> <tr> <td>5 excessive stoniness</td> <td>13 excessive gravel</td> </tr> <tr> <td>6 excessive rockiness</td> <td>14 terrain hazard</td> </tr> <tr> <td>7 more than 3 limiting factors</td> <td>15 insufficient sand content</td> </tr> <tr> <td>8 poor drainage</td> <td>16 low gravel content (2-80mm size)</td> </tr> </table>	1 seasonally high water table	9 unfavourable soil texture (silty)	2 flooding hazard	10 susceptible to frost heave	3 rapid permeability	11 shallow depth to bedrock/impermeable	4 excessive slope	12 shrink-swell potential	5 excessive stoniness	13 excessive gravel	6 excessive rockiness	14 terrain hazard	7 more than 3 limiting factors	15 insufficient sand content	8 poor drainage	16 low gravel content (2-80mm size)
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