

Terrain classification and coding follows:

Howes, D. E. and Kenk, E. 1997. **Terrain Classification System for British Columbia: A system for the classification of surficial**

materials, landforms and geological processes of British Columbia. (Version 2). 1997 update by Resource Inventory Branch Ministry of Environment, Lands and Parks Recreational Fisheries Branch, Ministry of Environment and Surveys, and the Resource Mapping Branch of Crown Lands. Province of British Columbia.

HE NANSEN

TERRAIN

12 SEP 2011

GPS SITE

032 T001

NORTH PEAK ON SADDLE. Boulders,
TORS, COLLUVIUM PLANAR AREAS
HAVE SOIL DEVELOPMENT w/ HERB
AND LICHEN

~~Cx = Colluvium~~
~~Px = Bedrock~~
~~Px = Prim. rock~~

SOIL 0.28m TO TOP OF COLLUV.
SILTY SAND, BROWN, DRY,
HOMOGENEOUS, WEAK, ROOTS
[COLLUVIUM (WEATH Px)]

033 T002

PLANAR SADDLE, MOSSY HUMMOCKS
DRAINAGE DIVIDE

SOIL SANDY SILT, GREY, MOIST
HOMOG. WEAK ROOTS (small, LESS TOO)
TRACE GRAVEL, TRACE CLAY, WATER
SEEPS TO HOLE FACE, ALTERNATING
BROWN / GREEN 0.70 m TO Px / Cx
[COLLUVIUM]

WEST and WEST SIDE OF SADDLE, HOMOGENEOUS DEPRESSIONS w/
Cx Boulder, START OF SNOWMELT CHANNELS

034

OLD CIRQUE?

035 T003

NNE SLOPE, SPARSE SAND
w-r DRAINAGE 0.39m TO Cx

Wx Ash / WHITE SANDS WELL SORTED, ^{OVER}BURIED BROWN
SOL HORIZON 0.31m

LEVEL

GPS	SITE			
036	-	WHITE LUX ASH	0.05 m THICK	
		ON TOP OF MOUNT	Asp. = 200'	
038	-	EXCAVATION / CUT		
		ASH 20-35 cm THICK	0.10 m	
040	TOO6	BELOW SURFACE		
↓	↓	KRUMHOLTZ SPARSE TREES		
		SPARSE SHRUB	0.25 m to C _v [↑] COBBLE	
		SILT, LIGHT SAND, TRACE		
		COBBLES, FIRM, BROWN, MOIST,		
		HOMOGENEOUS, WEAK, TRACE ROOTS		
		[COLLUVIUM (W _x R _x → SOIL)		
042	TOO8	SAND HOMOGENEOUS, WELL SORTED		
		TRACE GRAVELS BURIED SOIL LAYER		
		0.15 m FROM SURF., ASH / WHITE SAND		
		0.16 m FROM SURF.		
		SAND LOOKS LIKE QUARTZ GRAINS		
		W/FELD		
043	TOO9	ROCK FALL FROM TOP, ANGULAR		
		BLACKY COLLUVIUM, SAND SILT MATURE		
047	TO10	0.31 m ^{-0.78 m} ACTIVE LAYER HIT		
		PERMANENT FROST, HUMIC / PEATY OVER		
		COLD GREY SILT, WET		
048	TO11	HUMIC SOL / K AND S		
		~ 0.37 m TO COLLUVIUM		

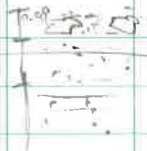
GPS

30

T013

FLUVIAL FAN (OLD) PLEISTOCENE?

SOIL



ANG. GRAVELS IN SILT MATRIX

ROOT LIMIT (HERBS)

INTERBEDDED SANDS

FINING UPWARD

[FLUVIAL FAN]

TOE OF FAN → STEEP → 30°

FAN → 10°

051

T014

OLD GROWTH ^{SPUCE CLIMAX} FOREST, THIN HERB FBIC

SOIL

0.5 CM TO COLLUMINUM / R_v

BROWN MED SAND TO COLL.

053

T015

SEQUENCE OF [TILL? DEBRIS FLOW?] DEPOSITS

W/ MULTI-LITHIC ANG COBBLES / GRAVELS

IN SILT MATRIX, UPWARD FINING

TRACE WOODY DEBRIS

ASH LAYER ABOVE 10-16 CM THICK

BURIED SOIL LAYER / 2nd DEBRIS FLOW DEPOSIT ABOVE, SMALLER

→ OPPOSITE SLOPE OLD CIRQUE? OLD LAKE? DEBRIS FLOW? N. ASPECT OF TRLB. VALLEY EVENT

GPS

054

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SOLIFLUCTION, DEEP HUMMOCKY

MATS ASPECT 30°

SLOPE 21°-23°

LEVEL

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