

Lab 10 – BC Soils and Relationships to Vegetation and Climate

Table 10.4: Soil profile characteristics of soil monoliths representative of each site obtained from equivalent soil profiles.

Information	Bog soil	Coastal needleleaf forest soil	Subalpine forest soil	Alpine tundra soil	Interior grassland, scrubland soil
Soil Monolith (label and link)	UBC # 6-01 https://monoliths.soilweb.ca/6-01/	UBC # 7-05. https://monoliths.soilweb.ca/7-05/	UBC # 1-20 https://monoliths.soilweb.ca/1-20/	UBC # 8-02 https://monoliths.soilweb.ca/8-02/	UBC # 2-06 https://monoliths.soilweb.ca/2-06/
Organic/litter layer (depth)	Om (0-13 cm) Oh (13-42 cm)			- not present	- not indicated
A horizon (depth)	- not present			Ah (0-5 cm)	
B horizon (depth)	- not present			- not present	
C horizon (depth)	IIC (42-78 cm)	IIC (27-57 cm) IIIC (57-100 cm)		C (5-59 cm)	
Parent Material	Lacustrine			Colluvium	
Descriptive Notes			Dark A layer from with visibly undecayed litter; Large pore, roots at 40 cm in Bm layer; Sub-rounded stones frequent below 70 cm; Transitions from A to B; B to C clear; A layers are separated by broken transition		
Soil Order	Organic		Brunisol	Regosol	
Soil Great Group	Humisol		Dystric Brunisol	Regosol	