

SOILS OF THE ASHCROFT MAP AREA

BLUSTERY SOILS (BL)

Location and Forest Zone	Parent Materials and Texture	Map Symbol	Most Common Soil		Less Common Soil		Comment
			Classification	Drainage	Classification	Drainage	
Thompson and Fraser Plateau Physiographic Regions; Dry Interior Forest Region; Subalpine Engelmann spruce - alpine fir zone; krummholz subzone. Limited distribution, mainly between Upper Hat Creek and Lillooet.	Sandy loam or loam, acidic to neutral colluvium associated with volcanic bedrock. Generally very to exceedingly stony. Elevations range between 1950 and 2175 m (6500 and 7520 ft).	BL1	Orthic Sombric Brunisol	r	-	-	Strongly sloping to hilly (10-60% slopes).
		BL2	Orthic Sombric Brunisol	r	Orthic Dystric Brunisol	r	Up to 40% inclusion of less common soil on somewhat coarser textures or southern exposures.
		BL4	Orthic Sombric Brunisol	r	Orthic Dystric Brunisol	r	Up to 40% inclusion of less common soil developed under mainly closed forest conditions.
		BL5	Orthic Sombric Brunisol	r	Lithic Sombric Brunisol	r	Up to 40% inclusion of less common soil which is <50 cm thick over bedrock.

BOWMAN SOILS (BW)

Location and Forest Zone	Parent Materials and Texture	Map Symbol	Most Common Soil		Less Common Soil		Comments*
			Classification	Drainage	Classification	Drainage	
Fraser Plateau Physiographic Region; Dry Interior Forest Region; Subalpine Engelmann spruce - alpine fir zone. Restricted distribution in the vicinity of Pavilion Mountain and Cornwall Hills. *Seepage at base of medium and long slopes and in depressions may improve site productivity.	Silt loam or silty clay loam, moderately to very strongly calcareous morainal deposits associated with basic volcanic and limestone bedrock. Generally moderately to exceedingly stony. Elevations range between 1650 and 2100 m (5500 and 7000 ft).	BW1	Orthic Gray Luvisol	w	-	-	Steeply sloping to very hilly (15-over 60% slopes).
		BW2	Orthic Gray Luvisol	w	Orthic Eutric Brunisol	w	Up to 40% inclusion of less common soil due to edaphically or climatically drier conditions.
		BW4	Orthic Gray Luvisol	w	Orthic Melanic Brunisol	w	Up to 40% inclusion of less common soil under dominantly forbs and/or shrubs.
		BW5	Orthic Gray Luvisol	w	Lithic Gray Luvisol	r	Up to 40% inclusion of less common soil which is <50 cm thick over bedrock.

BOXER CREEK SOILS (BX)

Location and Forest Zone	Parent Materials and Texture	Map Symbol	Most Common Soil		Less Common Soil		Comments
			Classification	Drainage	Classification	Drainage	
Fraser Plateau Physiographic Region; Dry Interior Forest Region; Subalpine Engelmann spruce - alpine fir zone. Very limited distribution in the northeastern portion of the map area.	Gravelly sand to sandy loam fluvial deposits. Generally moderately to very stony. Elevations range from 1050 to 1650 m (3500 to 5500 ft).	BX2	Gleyed Orthic Regosol	i	Orthic Regosol	w	Up to 40% inclusion of less common soil which is unaffected by periodic high water tables. Undulating (2-5% slopes).