

SOILS OF THE ASHCROFT MAP AREA

MINNIE SOILS (MN)

Location and Forest Zone	Parent Materials and Texture	Map Symbol	Most Common Soil		Less Common Soil		Comments*
			Classification	Drainage	Classification	Drainage	
<p>Thompson and Fraser Plateau Physiographic Regions; Dry Interior Forest Region; Interior Douglas-fir zone (without seral ponderosa pine).</p> <p>Moderately extensive distribution, mainly between lower Nicola River and Ashcroft, south of Pavilion Lake, between Nicola Lake and Lac Le Jeune, and east of Trapp Lake</p> <p>*Seepage at base of slopes and in depressions improves site productivity.</p>	<p>Gravelly sandy loam or gravelly loam, moderately acid, morainal deposits associated with granitic bedrock. Generally moderately to exceedingly stony.</p>	MN1	Orthic Gray Luvisol	w	-	-	Moderately rolling to steeply sloping (10-30% slopes).
		MN2	Orthic Gray Luvisol	w	Degraded Eutric Brunisol	w	Up to 40% inclusion of less common soil which has developed under edaphically or climatically drier conditions. These may be due to southerly aspects, lower elevations or combination.
	MN3	Orthic Gray Luvisol	w	Brunisolic Gray Luvisol	w	Up to 40% inclusion of less common soil which has developed under edaphically or climatically moister conditions. These may be due to northerly aspects, upper elevations or combinations.	
	MN4	Orthic Gray Luvisol	w	Orthic Black	w	Up to 40% inclusion of less common soil which has developed under mainly grass and shrub vegetation.	
	MN5	Orthic Gray Luvisol	w	Lithic Gray Luvisol	r	Up to 40% inclusion of less common soil which is <50 cm thick over bedrock.	
	MN6	Lithic Gray Luvisol	r	Rock Outcrop	r	Most common soil is <50 cm thick over bedrock. Up to 40% inclusion of rock outcrops.	

MOSSEY SOILS (MS)

Location and Forest Zone	Parent Materials and Texture	Map Symbol	Most Common Soil		Less Common Soil		Comments*
			Classification	Drainage	Classification	Drainage	
<p>Thompson and Fraser Plateau Physiographic Regions; Dry Interior Forest Region; Interior Douglas-fir zone (with and without seral ponderosa pine).</p> <p>Fairly extensive distribution, mostly along the North Thompson Valley, south of Kamloops and west of Cache Creek.</p> <p>*Seepage at base of slopes and in depressions improves site productivity but may increase alkalinity or salinity.</p>	<p>Loam or silt loam, moderately alkaline, morainal deposits associated with basic volcanic and limestone bedrock. Generally slightly stony.</p>	MS1	Orthic Black	w	-	-	Gently sloping to moderately rolling (less than 15% slopes). Vegetation is dominated by grass and shrub disclimax due to fire and grazing.
		MS2	Orthic Black	w	Orthic Dark Brown	w	Up to 40% inclusion of less common soil which has developed under edaphically or climatically drier conditions. These may be due to southerly aspects, lower elevations or combination.
	MS3	Orthic Black	w	Orthic Black	w	Up to 40% inclusion of taxonomically similar less common soil which has developed under edaphically or climatically moister conditions. These may be due to northerly aspects, upper elevations or combination. Organic matter enriched surface is thicker than the modal.	
	MS4	Orthic Black	w	Degraded Eutric Brunisol	w	Up to 40% inclusion of less common soil which has developed under mainly forested conditions.	
	MS5	Orthic Black	w	Lithic Black and/or Lithic Eutric Brunisol	r	Up to 40% inclusion (in total) of less common soils which are <50 cm thick over bedrock.	
	MS9	Orthic Black	w	Calcareous Black and/or Saline Black	w,m	Up to 40% inclusion (in total) of less common soils which are affected by saline or alkaline seepage.	