



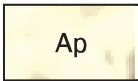


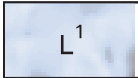


LEGEND

**NOTE:** In areas where the surficial cover forms a complex pattern, the area is coloured according to the dominant unit and labelled in descending order of cover (e.g. O-Tb). Where buried aggregate deposits (sand and gravel - commonly associated with Gt or Gih surficial units) are known, or suspected, areas are coloured according to the overlying unit and labelled in the following manner: Lv/Gd.

QUATERNARY  
SURFICIAL DEPOSITS  
POST LAST GLACIATION




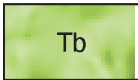
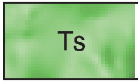
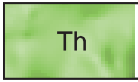


NONGLACIAL ENVIRONMENTS


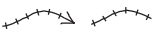


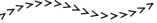



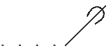




	<b>ORGANIC DEPOSITS:</b> Fen peat; 1 to 3 m thick on average; peat derived from sedges and partially decayed shrubs in a eutrophic environment; the plant material is in various stages of decomposition; generally occurs as flat, wet terrain (swamps) over poorly drained substrates; forms relatively open peatlands.
	<b>Colluvial veneer:</b> thin and discontinuous cover of slumped and/or soliflucted material <1 m thick; overlies bedrock or till.
	<b>Talus (scree):</b> accumulation of angular boulders below cliffs; generally 1 to 10 m thick or greater; usually forming fans or aprons.
	<b>Undifferentiated colluvial deposits:</b> undivided landslide debris, colluvial veneer and talus.
	<b>ALLUVIAL DEPOSITS:</b> sorted gravel, sand, minor silt, and organic detritus deposited by streams; commonly stratified.
	<b>Floodplain deposits:</b> sorted gravel, sand, silt, and organic detritus >1 m thick; forming active floodplains close to river level with meander channels and scroll marks.
	<b>Deltaic sediments:</b> stratified sand and gravel underlain by silt and clay; generally 2 to 15 m thick; occurring at the mouths of streams entering lakes.
	<b>Alluvial fan deposits:</b> poorly sorted gravel, sand, and diamicton >1 m thick; occur where a stream issues from a narrow valley onto a plain or valley floor.
	<b>LACUSTRINE DEPOSITS:</b> sand, silt and minor clay deposited in a former lake; >1 m thick; occasionally overlain by organic deposits; exposed by recent fluctuations in lake levels.

POSTGLACIAL OR LATE WISCONSINAN

PROGLACIAL AND GLACIAL ENVIRONMENTS

**GLACIOFLUVIAL DEPOSITS:** well to poorly stratified sand and gravel; minor diamicton; deposited behind, at, or in front of the ice margin by glacial meltwater; represent a potential aggregate source.

	<b>Outwash terrace deposits:</b> 1 to 10 m thick; generally associated with meltwater channels and canyons; generally forming flat paired terraces perched above alluvial deposits.
	<b>Glaciofluvial blanket:</b> >1 m thick; obscures topography of underlying units.
	<b>Ice-contact stratified deposits:</b> poorly-sorted sand and gravel with minor diamictons; 1 to >20 m thick; deposited in contact with the retreating glacier; forming hummocky topography related to melting of underlying ice.
	<b>Esker deposits:</b> moderately sorted sand and gravel, 1 to >20 m thick; forming ridges. Formed by meltwater flow within tunnels or chasms in glacier ice.
	<b>TILL:</b> diamicton deposited directly by Cordilleran glaciers; sandy to clayey matrix with striated clasts of various lithologies.
	<b>Till blanket:</b> >1 m thick; continuous till cover forming undulating topography that locally obscures underlying units.
	<b>Streamlined and fluted till:</b> >1 m thick; till surface marked by streamlined landforms including flutings and drumlins.
	<b>Hummocky till:</b> >1m thick; hummocky to rolling till surface including discontinuous pockets of gravel.
	<b>Till veneer:</b> <1 m thick; discontinuous till cover; underlying bedrock topography is discernible.
	<b>Bedrock outcrop:</b> continuous bedrock outcrop; can include pockets of till or colluvium rarely exceeding 2 m thickness.

Geological boundary (defined)	
Meltwater channel or underfit channel, small (paleoflow direction known, unknown)	
Meltwater channel, large (paleoflow direction known, unknown)	
Kettle large, small	
Esker (flow direction known)	
End moraine	
Minor moraine or crevasse filling	
Drumlin (ice flow direction unknown)	
Fluting (direction known, unknown)	
Striation (direction known)(coincide with some stations sites)	
Bedrock lineation	
Gravel pit	
Mineral occurrence	<b>147</b> 
Field observation (with and without samples)	