


















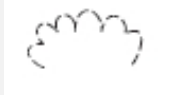


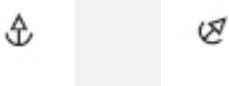

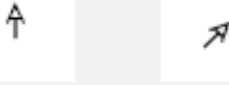


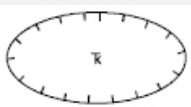



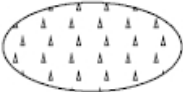

















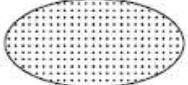
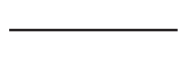
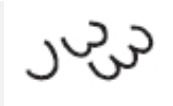


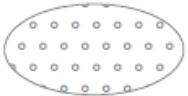
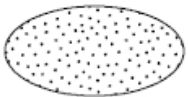




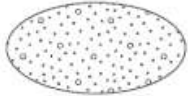

Surficial Data Model v2.4.0

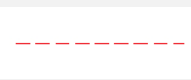


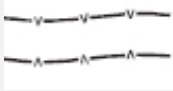
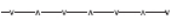

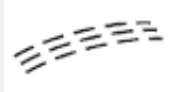
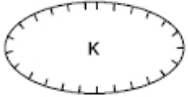







Open File 8236 Appendix 6 Geomorphological Feature






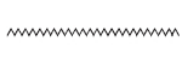




Feature	Symbol Code	Symbol	Legend Symbol
Geological boundary (confidence defined)	3.02.01.001		
Geological boundary (confidence approximate)	3.02.01.002		
Geological boundary (confidence inferred)	3.02.01.003		
Geological boundary (confidence concealed)	3.02.01.004		
Limit of mapping (limit of mapping)	3.02.01.005		
Spring observation location (all)			
Annular depression (all)	3.14.01.023		
Annular depression (all)	3.14.01.024		
Nivation hollow (all)	3.12.01.020		
Evaporites (all)	3.14.01.017		
Recently deglaciated area (all)	3.06.01.014		
Avalanche track (all)	3.09.01.008		
Avalanche track (all)	3.09.01.001	 	













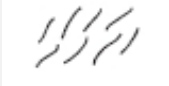





Feature	Symbol Code	Symbol	Legend Symbol
Debris-flow track (all)	3.09.01.009		
Debris-flow track (all)	3.09.01.002		
Tension fracture (all)	3.09.01.010		
Piping depression (all)	3.10.01.002		
Landslide escarpment (status inactive or unspecified)	3.09.01.007		
Landslide escarpment (status active)	3.09.01.006		
Landslide scar (all)	3.09.01.003		
Retrogressive thaw flow (all)	3.09.01.004		
Unspecified slope-movement (all)	3.09.01.005		
Cryoplanation terrace scarp (all)	3.12.01.014		
Limit of permafrost (all)	3.12.01.015		
Thermokarst depression (all)	3.12.01.017		
Thermokarst depression (all)	3.12.01.006		




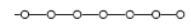




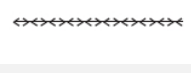


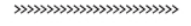
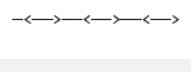
Feature	Symbol Code	Symbol	Legend Symbol
Patterned ground (all)	3.12.01.016		
Patterned ground (all)	3.12.01.002		
Felsenmeer (all)	3.12.01.023		
Felsenmeer (all)	3.12.01.024		
Palsa or lithalsa (all)	3.12.01.001		
Hummock (all)	3.14.01.019		
Pingo (all)	3.12.01.003		
Gelifluction-lobe or solifluction-lobe (all)	3.12.01.022		
Rock glacier (all)	3.12.01.004		
Rock pingo (all)	3.12.01.005		
Rock-blister observation location (all)			
Rock-burst observation location (all)			
Ground ice (all)	3.12.01.019		
Paleowind measurements location (all)			

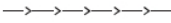






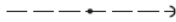






Feature	Symbol Code	Symbol	Legend Symbol
Deflation landform (direction unknown or unspecified)	3.05.01.007		
Deflation landform (direction known)	3.05.01.001		
Active dune field (all)	3.05.01.005		
Dune crest (all)	3.05.01.003		
Dune (direction unknown or unspecified)	3.05.01.009		
Dune (direction known)	3.05.01.008		
Extensive gullied terrain (all)	3.14.01.005		
Eolian lag deposit (deflation surface)	3.05.01.006		
Alluvial bar or levee ridge (all)	3.14.01.009		
Alluvial fan (all)	3.10.01.001	 	
Lag deposits (all)	3.14.01.013		
Reworked sediments (all)	3.14.01.014		
Surface-boulder concentration (all)	3.14.01.015		




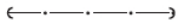
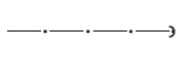







Feature	Symbol Code	Symbol	Legend Symbol
Pre-existing coastline (all)	3.13.01.011		
Terrace scarp (all)	3.13.01.004		
Ravine scarp (all)	3.14.01.011		
Erosional crest (all)	3.14.01.020		
Beach crest (all)	3.13.01.002		
Kettle (all)	3.06.01.013		
Kettle (all)	3.06.01.001		
Limit of submergence (confidence approximate; environment lacustrine)	3.11.01.012		
Limit of submergence (confidence defined; environment lacustrine)	3.11.01.011		
Limit of submergence (confidence approximate; environment marine)	3.11.01.014		
Limit of submergence (confidence defined; environment marine)	3.11.01.013		
Limit of submergence (confidence approximate; environment glaciolacustrine)	3.11.01.008		
Limit of submergence (confidence defined; environment glaciolacustrine)	3.11.01.007		


















Feature	Symbol Code	Symbol	Legend Symbol
Delta (direction unknown or unspecified)	3.13.01.010		
Delta (direction known)	3.13.01.001		
Ice-contact delta (all)	3.07.01.001	 	
Iceberg scour central axis (all)	3.14.01.010		
Iceberg scour (all)	3.14.01.001		
Spillway central axis (direction unknown or unspecified)	3.10.01.017		
Spillway central axis (direction known)	3.10.01.012		
Paleodrainage direction (all)	3.10.01.010		
Paleocurrent measurement location (sediments)			
Minor meltwater channel central axis (marginal, overflow, subglacial, supraglacial or unspecified; direction unknown or unspecified)	3.10.01.009		
Minor meltwater channel central axis (marginal, overflow, subglacial, supraglacial or unspecified; direction known)	3.10.01.008		
Minor meltwater channel central axis (lateral uphill left)	3.10.01.006	 	

Feature	Symbol Code	Symbol	Legend Symbol
Minor meltwater channel central axis (lateral uphill right)	3.10.01.007		
Major meltwater channel scarp (all)	3.10.01.005		
Meltwater erosional depression (all)	3.10.01.018		
Subglacial meltwater corridor margin (confidence approximate)	3.10.01.016		
Subglacial meltwater corridor margin (confidence defined)	3.10.01.015		
Partly buried channel scarp (all)	3.10.01.011		
Buried valley central axis (direction unknown or unspecified)	3.10.01.014		
Other moraine ridge (minor)	3.06.01.012		
Buried valley central axis (direction known)	3.10.01.013		
Minor moraine (orientation unknown or unspecified)	3.06.01.017		
Minor moraine (orientation known)	3.06.01.015		
Major moraine ridge (lateral or laterofrontal)	3.06.01.006		
Major moraine ridge (medial)	3.06.01.008		





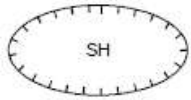





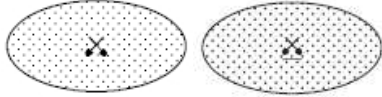


Feature	Symbol Code	Symbol	Legend Symbol
Major moraine ridge (end, interlobate, or unspecified)	3.06.01.010		
Major moraine ridge (lateral ice-cored or laterofrontal ice-cored)	3.06.01.007		
Major moraine ridge (medial ice-cored)	3.06.01.009		
Major moraine ridge (end ice-cored, interlobate ice-cored, or unspecified ice-cored)	3.06.01.011		
Ice-contact scarp (all)	3.07.01.007		
Ice-pushed ridge (all)	3.07.01.008		
Ice-thrust ridge (all)	3.07.01.009		
Kame (all)	3.07.01.002		
Buried esker ridge (direction unknown or unspecified)	3.07.01.004		
Buried esker ridge (direction known or inferred)	3.07.01.003		
Esker ridge (direction unknown or unspecified)	3.07.01.006		
Esker ridge (direction known or inferred)	3.07.01.005		
Esker ridge (with beach ridges/strandlines; direction unknown or unspecified)	3.07.01.011		

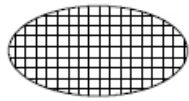
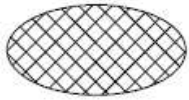












Feature	Symbol Code	Symbol	Legend Symbol
Esker ridge (with beach ridges/strandlines; direction known or inferred)	3.07.01.010		
Crevasse-fill ridge (all)	3.06.01.005		
Buried drumlinoid ridge (all)	3.08.01.015		
Buried drumlinoid (all)	3.08.01.002		
Drumlinoid ridge (all)	3.08.01.018		
Drumlinoid (all)	3.08.01.005		
Buried drumlin ridge (all)	3.08.01.014		
Buried drumlin (all)	3.08.01.001		
Drumlin ridge (all)	3.08.01.017		
Drumlin (all)	3.08.01.004		
Buried crag-and-tail ridge (all)	3.08.01.046		
Buried crag-and-tail (all)	3.08.01.045		
Crag-and-tail ridge (all)	3.08.01.016		











Feature	Symbol Code	Symbol	Legend Symbol
Crag-and-tail (all)	3.08.01.003		
Pre-crag ridge (all)	3.08.01.040		
Pre-crag (all)	3.08.01.039		
Large groove central long axis (direction unknown or unspecified)	3.08.01.022		
Large groove central long axis (direction known)	3.08.01.021		
Fluted bedrock or drift, central long axis (poorly defined; direction unknown or unspecified)	3.08.01.034		
Fluted bedrock or drift (poorly defined; direction unknown or unspecified)	3.08.01.030		
Fluted bedrock or drift, central long axis (poorly defined; direction known)	3.08.01.033		
Fluted bedrock or drift (poorly defined; direction known)	3.08.01.029		
Fluted bedrock or drift, central long axis (well defined or unspecified; direction unknown or unspecified)	3.08.01.020		
Fluted bedrock or drift, central long axis (well defined or unspecified; direction known)	3.08.01.019		
Fluted bedrock or drift (well defined or unspecified; direction unknown or unspecified)	3.08.01.007		

Feature	Symbol Code	Symbol	Legend Symbol
Fluted bedrock or drift (well defined or unspecified; direction known)	3.08.01.006		
Ice-flow direction (direction unknown or unspecified)	3.08.01.025		
Ice-flow direction (direction known)	3.08.01.024		
Sediment transport direction (direction unknown or unspecified)	3.14.01.022		
Sediment transport direction (direction known)	3.14.01.021		
Erratic observation location (all)			
Dispersal train margin (confidence approximate; left side)	3.08.01.043		
Dispersal train margin (confidence approximate; right side)	3.08.01.044		
Dispersal train margin (confidence defined; left side)	3.08.01.041		
Dispersal train margin (confidence defined; right side)	3.08.01.042		
Ice-stream margin (confidence approximate)	3.11.01.004		
Ice-stream margin (confidence defined)	3.11.01.003		
Ice divide (confidence approximate)	3.11.01.002		

Feature	Symbol Code	Symbol	Legend Symbol
Ice divide (confidence defined)	3.11.01.001		
Limit of glaciation (confidence approximate)	3.11.01.006		
Limit of glaciation (confidence defined)	3.11.01.005		
Till fabric measurement location (direction unknown or unspecified)			
Till fabric measurement location (direction known)			
Paleocurrent measurement location (bedrock erosional forms)			
Striation measurement location (poorly defined; direction unknown or unspecified)			
Striation measurement location (poorly defined; direction known)			
Striation measurement location (well defined or unspecified; direction unknown or unspecified)			
Striation measurement location (well defined or unspecified; direction known)			
Striation measurement location from legacy data (poorly defined; direction unknown or unspecified)			
Striation measurement location from legacy data (poorly defined; direction known)			

Feature	Symbol Code	Symbol	Legend Symbol
Striation measurement location from legacy data (well defined or unspecified; direction unknown or unspecified)			
Striation measurement location from legacy data (well defined or unspecified; direction known)			
			
Tor (all)	3.04.01.003		
Area of sinkholes (all)	3.04.01.007		
Sinkhole (all)	3.04.01.001		
Cirque headwall (all)	3.06.01.004		
Arête (all)	3.06.01.003		
Bedrock scarp (all)	3.04.01.005		
Lineament or lineation in bedrock (all)	3.04.01.006		
Pit (all)	3.03.01.009		
Pit (status inactive or unspecified)	3.03.01.003		
Pit (status active)	3.03.01.002		

Feature	Symbol Code	Symbol	Legend Symbol
Mine tailing (all)	3.03.01.007		
Made ground (fill) (all)	3.03.01.006		
Quarry (all)	3.03.01.010		
Quarry (status inactive or unspecified)	3.03.01.005		
Quarry (status active)	3.03.01.004		
Peat-bog mining (all)	3.03.01.008		
Mineral occurrence (all)	3.04.01.008		
Gossan observation location (all)			
Small outcrop (all)	3.04.01.002		
Drillhole location (all)	3.03.01.001		
Fossil observation location (all)			
Station location (remote observation, waypoint, or unspecified)			
Station location (ground observation or stratigraphic section)			
Sample analysis results (dating)			

Feature	Symbol Code	Symbol	Legend Symbol
Sample location (all)			
Geological boundary (confidence arbitrary)	2.01.01.011		
Geological boundary coincident with other line feature (all)	2.01.01.002		
Geological boundary coincident with other line feature (all)	2.01.01.003		
Geological boundary coincident with other line feature (all)	2.01.01.004		
Geological boundary coincident with other line feature (all)	2.01.01.005		
Limit of mapping (neatline)	3.02.01.006		
Overlay polygon feature to be defined (all)	2.01.01.009		
Line feature to be defined (all)	2.01.01.001		
Point feature to be defined (all)	2.01.01.006		
Field observation feature to be defined (all)		