
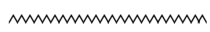




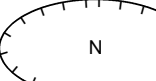
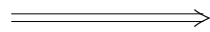


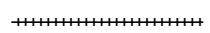


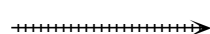

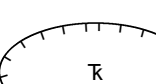


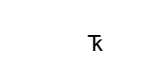


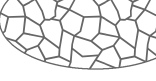



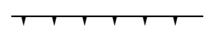

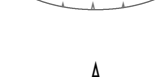





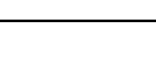


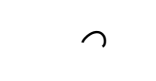


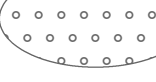
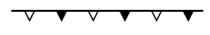








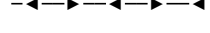


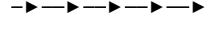

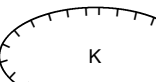
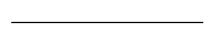




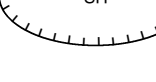











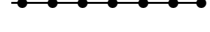

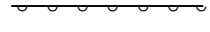

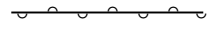

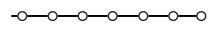

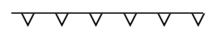

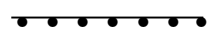
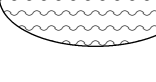


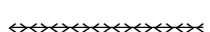

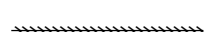
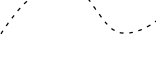
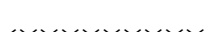


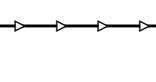












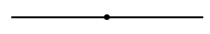


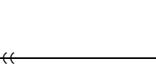

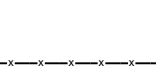

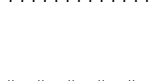

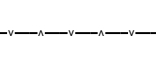



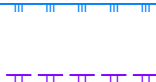
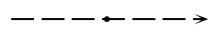
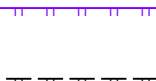

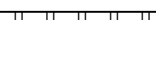

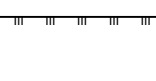



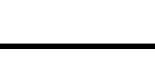



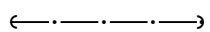
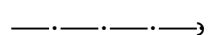


# GSC Geologic Symbol Standard Style File - Surficial Symbols

These symbols accompany the GSC Surficial Geodatabase model version 2.3.14 and is up to date as of April 2018

Symbols are organized by legend order appearance

<div><div>Isn</div><div>Glacier ice or Snowpack: snowpacks (3.01.15.001)</div></div>	<div><div></div><div>Annular depression: large (3.14.01.023)</div></div>	<div><div></div><div>Spillway: central axis, paleocurrent direction unknown (3.10.01.017)</div></div>	<div><div></div><div>Ground ice observation (3.12.01.019)</div></div>
<div><div>I</div><div>Glacier ice or Snowpack: Glacier-icefield-icecap (3.01.15.002)</div></div>	<div><div></div><div>Annular depression: small (3.14.01.024)</div></div>	<div><div></div><div>Spillway: central axis, paleocurrent direction known (3.10.01.012)</div></div>	<div><div></div><div>Erratic observation (3.14.01.002)</div></div>
<div><div>H</div><div>Anthropogenic deposits: undifferentiated (3.01.14.715)</div></div>	<div><div></div><div>Nivation hollow (3.12.01.020) <small>Central must be added with CentralDepression</small></div></div>	<div><div></div><div>Paleodrainage direction (3.10.01.010)</div></div>	<div><div></div><div>Kame (3.07.01.002)</div></div>
<div><div>Owf</div><div>Organic deposits: fen (3.01.02.011)</div></div>	<div><div></div><div>Evaporites (3.14.01.017)</div></div>	<div><div></div><div>Meltwater channel: minor paleocurrent direction unknown (3.10.01.009)</div></div>	<div><div></div><div>Till fabric measurement location: ice flow direction unknown (3.08.01.026) <small>Marker symbol should be oriented</small></div></div>
<div><div>Owb</div><div>Organic deposits: bog (3.01.02.013)</div></div>	<div><div></div><div>Recently deglaciated area (3.06.01.014) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Meltwater channel: minor paleocurrent direction known (3.10.01.008)</div></div>	<div><div></div><div>Till fabric measurement location: ice flow direction known (3.08.01.012) <small>Marker symbol should be oriented</small></div></div>
<div><div>Ows</div><div>Organic deposits: salt marsh (3.01.02.015)</div></div>	<div><div></div><div>Thermokarst depression: large (3.12.01.017) <small>Central must be added with CentralDepression</small></div></div>	<div><div></div><div>Meltwater channel: minor lateral (3.10.01.006) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Striation: poorly defined - ice flow direction unknown (3.08.01.009)</div></div>
<div><div>Ov</div><div>Organic deposits: veneer (3.01.02.023)</div></div>	<div><div></div><div>Thermokarst depression: small (3.12.01.008) <small>Central must be added with CentralDepression</small></div></div>	<div><div></div><div>Meltwater channel: major paleocurrent direction unknown (3.10.01.005) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Striation: poorly defined - ice flow direction known (3.08.01.008)</div></div>
<div><div>Ob</div><div>Organic deposits: blanket (3.01.02.025)</div></div>	<div><div></div><div>Patterned ground: large (3.12.01.016)</div></div>	<div><div></div><div>Meltwater channel: major paleocurrent direction known (3.10.01.005) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Striation: well defined - ice flow direction unknown (3.08.01.011)</div></div>
<div><div>O</div><div>Organic deposits: undifferentiated (3.01.02.012)</div></div>	<div><div></div><div>Patterned ground: small (3.12.01.002)</div></div>	<div><div></div><div>Subglacial meltwater corridor margin: approximate (3.10.01.016) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Striation: well defined - ice flow direction known (3.08.01.010)</div></div>
<div><div>El</div><div>Eolian sediments: loess (3.01.03.295)</div></div>	<div><div></div><div>Felsenmeer: large (3.12.01.023)</div></div>	<div><div></div><div>Subglacial meltwater corridor margin: defined (3.10.01.015) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Striation: legacy data, poorly defined - ice flow direction known (3.08.01.036) <small>Marker symbol should be oriented</small></div></div>
<div><div>Er</div><div>Eolian sediments: dunes (3.01.03.299)</div></div>	<div><div></div><div>Felsenmeer: small (3.12.01.024)</div></div>	<div><div></div><div>Partly buried channel scarp (3.10.01.011) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Striation: legacy data, poorly defined - ice flow direction known (3.08.01.035) <small>Marker symbol should be oriented</small></div></div>
<div><div>Ev</div><div>Eolian sediments: veneer (3.01.03.292)</div></div>	<div><div></div><div>Dune: active dune field (3.05.01.005)</div></div>	<div><div></div><div>Buried valley: central axis, paleodrainage direction unknown (3.10.01.014)</div></div>	<div><div></div><div>Striation: legacy data, well defined - ice flow direction known (3.08.01.038) <small>Marker symbol should be oriented</small></div></div>
<div><div>E</div><div>Eolian sediments: undifferentiated (3.01.03.297)</div></div>	<div><div></div><div>Dune: large (3.05.01.003) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Buried valley: central axis, paleodrainage direction known (3.10.01.013)</div></div>	<div><div></div><div>Striation: legacy data, well defined - ice flow direction known (3.08.01.037) <small>Marker symbol should be oriented</small></div></div>
<div><div>Cr</div><div>Colluvial and Mass-wasting deposits: fan (3.01.01.107)</div></div>	<div><div></div><div>Extensive gullied terrain (3.14.01.005)</div></div>	<div><div></div><div>Moraine ridge: minor large (3.06.01.012)</div></div>	<div><div></div><div>Crossed Striations (3.15.01.001) <small>Marker symbol should be oriented</small></div></div>
<div><div>Ca</div><div>Colluvial and Mass-wasting deposits: apron or talus scree (3.01.01.097) <small>Cd1 - scoured, Cd2 - undisturbed</small></div></div>	<div><div></div><div>Eolian lag deposit [deflation surface] (3.05.01.006)</div></div>	<div><div></div><div>Moraine ridge: minor small, orientation unknown (3.06.01.017) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Mineral occurrence (3.04.01.008) <small>Marker symbol should be oriented</small></div></div>
<div><div>Cz</div><div>Colluvial and Mass-wasting deposits: landslide (3.01.01.155) <small>Cz1 - esplanade, Cz2 - mud flow, Cz3 - retrogressive flow flow, Cz4 - rotational landslide, Cz5 - translational landslide</small></div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Moraine ridge: minor small, orientation known (3.06.01.015) <small>Marker symbol should be oriented</small></div></div>	<div><div></div><div>Gossan observation (3.14.01.004)</div></div>
<div><div>Cg</div><div>Colluvial and Mass-wasting deposits: rock-glacier (3.01.01.139)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Moraine ridge: major lateral (3.06.01.006)</div></div>	<div><div></div><div>Outcrop, small (3.04.01.002)</div></div>
<div><div>Cv</div><div>Colluvial and Mass-wasting deposits: veneer (3.01.01.092)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Moraine ridge: major medial (3.06.01.008)</div></div>	<div><div></div><div>Drillhole location (3.03.01.001)</div></div>
<div><div>Cb</div><div>Colluvial and Mass-wasting deposits: blanket (3.01.01.095)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Moraine ridge: major end (3.06.01.010)</div></div>	<div><div></div><div>Fossil observation (3.14.01.003)</div></div>
<div><div>C</div><div>Colluvial and Mass-wasting deposits: undifferentiated (3.01.01.152)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Moraine ridge: major lateral ice-cored (3.06.01.007)</div></div>	<div><div></div><div>Station location: remote observation (3.14.01.008)</div></div>
<div><div>Ap</div><div>Alluvial sediments: floodplain (3.01.04.265)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Moraine ridge: major medial ice-cored (3.06.01.009)</div></div>	<div><div></div><div>Station location: ground observation (3.14.01.007)</div></div>
<div><div>Af</div><div>Alluvial sediments: fan (3.01.04.257)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Moraine ridge: major end ice-cored (3.06.01.011)</div></div>	<div><div></div><div>Dated sample location (3.14.01.018) <small>Marker symbol should be oriented</small></div></div>
<div><div>Al</div><div>Alluvial sediments: intertidal or estuarine (3.01.04.255)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Ice-contact scarp (3.07.01.007)</div></div>	<div><div></div><div>Sample location (3.14.01.006) <small>Marker symbol should be oriented</small></div></div>
<div><div>At</div><div>Alluvial sediments: terraced (3.01.04.269)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Ice-thrust ridge (3.07.01.008)</div></div>	
<div><div>Av</div><div>Alluvial sediments: veneer (3.01.04.252)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Ice-thrust ridge (3.07.01.009)</div></div>	
<div><div>Ab</div><div>Alluvial sediments: blanket (3.01.04.267)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Esker ridge: buried, paleocurrent direction unknown (3.07.01.004)</div></div>	
<div><div>A</div><div>Alluvial sediments: undifferentiated (3.01.04.263)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Esker ridge: buried, paleocurrent direction known (3.07.01.003)</div></div>	
<div><div>Lr</div><div>Lacustrine sediments: beach (3.01.05.582)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Esker ridge: paleocurrent direction unknown (3.07.01.006)</div></div>	
<div><div>Ld</div><div>Lacustrine sediments: deltaic (3.01.05.585)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Esker ridge: paleocurrent direction known or inferred (3.07.01.005)</div></div>	
<div><div>Ln</div><div>Lacustrine sediments: littoral and nearshore (3.01.05.573)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Esker ridge: with beach ridge/strandlines, paleocurrent direction unknown (3.07.01.011)</div></div>	
<div><div>Lo</div><div>Lacustrine sediments: offshore (3.01.05.577)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Esker ridge: with beach ridge/strandlines, paleocurrent direction known or inferred (3.07.01.010)</div></div>	
<div><div>Lv</div><div>Lacustrine sediments: veneer (3.01.05.572)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Crevasse ridge (3.06.01.005)</div></div>	
<div><div>Lb</div><div>Lacustrine sediments: blanket (3.01.05.575)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Buried drumlinoid ridge: large (3.08.01.015)</div></div>	
<div><div>L</div><div>Lacustrine sediments: undifferentiated (3.01.05.583)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Buried drumlinoid ridge: small (3.08.01.002) <small>Marker symbol should be oriented</small></div></div>	
<div><div>Mt</div><div>Marine sediments: terraced (3.01.06.495)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Drumlinoid ridge: large (3.08.01.018)</div></div>	
<div><div>Mr</div><div>Marine sediments: beach (3.01.06.497)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Drumlinoid ridge: small (3.08.01.005) <small>Marker symbol should be oriented</small></div></div>	
<div><div>Md</div><div>Marine sediments: deltaic (3.01.06.507)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Buried drumlin ridge: large (3.08.01.014)</div></div>	
<div><div>Mi</div><div>Marine sediments: intertidal (3.01.06.492)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Buried drumlin ridge: small (3.08.01.001) <small>Marker symbol should be oriented</small></div></div>	
<div><div>Mn</div><div>Marine sediments: littoral and nearshore (3.01.06.493)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Drumlin ridge: large (3.08.01.017)</div></div>	
<div><div>Mo</div><div>Marine sediments: offshore (3.01.06.509)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Drumlin ridge: small (3.08.01.004)</div></div>	
<div><div>Mv</div><div>Marine sediments: veneer (3.01.06.502)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Buried crag-and-tail ridge: large (3.08.01.046)</div></div>	
<div><div>Mb</div><div>Marine sediments: blanket (3.01.06.505)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Buried crag-and-tail ridge: small (3.08.01.045)</div></div>	
<div><div>M</div><div>Marine sediments: undifferentiated (3.01.06.503)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Crag-and-tail ridge: large (3.08.01.016)</div></div>	
<div><div>GMr</div><div>Glaciomarine sediments: beach (3.01.09.487)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Crag-and-tail ridge: small (3.08.01.003) <small>Marker symbol should be oriented</small></div></div>	
<div><div>GMd</div><div>Glaciomarine sediments: deltaic (3.01.09.525)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Pre-crag ridge: large (3.08.01.040)</div></div>	
<div><div>GMI</div><div>Glaciomarine sediments: intertidal (3.01.09.512)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Pre-crag ridge: small (3.08.01.039) <small>Marker symbol should be oriented</small></div></div>	
<div><div>GMn</div><div>Glaciomarine sediments: littoral and nearshore (3.01.09.513)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Large groove: ice flow direction unknown (3.08.01.022)</div></div>	
<div><div>GMo</div><div>Glaciomarine sediments: offshore (3.01.09.519)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Large groove: ice flow direction known (3.08.01.021)</div></div>	
<div><div>GMF</div><div>Glaciomarine sediments: submarine outwash fan (3.01.09.527)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: poorly defined, central long axis - ice flow direction unknown large (3.08.01.034)</div></div>	
<div><div>GMm</div><div>Glaciomarine sediments: submarine moraine (3.01.09.517)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: poorly defined, central long axis - ice flow direction unknown small (3.08.01.030) <small>Marker symbol should be oriented</small></div></div>	
<div><div>GMv</div><div>Glaciomarine sediments: veneer (3.01.09.483)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: poorly defined, central long axis - ice flow direction known large (3.08.01.033)</div></div>	
<div><div>GMb</div><div>Glaciomarine sediments: blanket (3.01.09.485)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: poorly defined, central long axis - ice flow direction known small (3.08.01.029) <small>Marker symbol should be oriented</small></div></div>	
<div><div>GM</div><div>Glaciomarine sediments: undifferentiated (3.01.09.515)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: central long axis - ice flow direction unknown large (3.08.01.020)</div></div>	
<div><div>GLr</div><div>Glaciolacustrine sediments: beach (3.01.08.645)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: central long axis - ice flow direction unknown small (3.08.01.007)</div></div>	
<div><div>GLd</div><div>Glaciolacustrine sediments: deltaic (3.01.08.613)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: central long axis - ice flow direction known large (3.08.01.019)</div></div>	
<div><div>GLn</div><div>Glaciolacustrine sediments: littoral and nearshore (3.01.08.612)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Fluted bedrock or drift: central long axis - ice flow direction known small (3.08.01.006)</div></div>	
<div><div>GLo</div><div>Glaciolacustrine sediments: offshore (3.01.08.637)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>	<div><div></div><div>Cirque headwall (3.06.01.004)</div></div>	
<div><div>GLf</div><div>Glaciolacustrine sediments: subaqueous outwash fan (3.01.08.615)</div></div>	<div><div></div><div>Lag deposit [washed scoured lag] (3.14.01.013)</div></div>		