








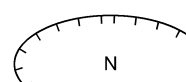


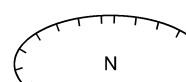


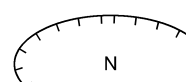


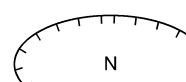








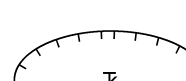


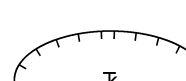


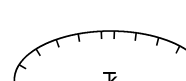






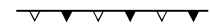







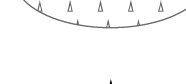
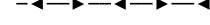


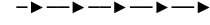


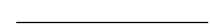







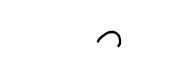














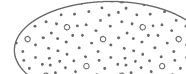








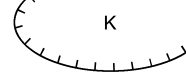



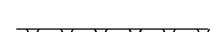

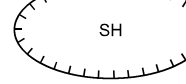





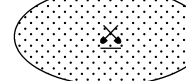








GSC Geologic Symbol Standard Style File - Surficial Symbols

These symbols accompany the GSC Surficial Geodatabase model version 2.3 and is up to date as of April, 2017

Symbols are organized by legend order appearance

	Glacier ice or Snowpack: snowpacks (3.01.15.001)		Annular depression: large (3.14.01.023)		Spillway: central axis, paleocurrent direction unknown (3.10.01.017)		Karne (3.07.01.002)
I	Glacier ice or Snowpack: Glacier-icefield-icecap (3.01.15.002)		Annular depression: small (3.14.01.024)		Spillway: central axis, paleocurrent direction known (3.10.01.012)		Till fabric measurement location: ice flow direction unknown (3.08.01.028) <i>Marker symbol should be oriented</i>
H	Anthropogenic deposits: undifferentiated (3.01.14.715)		Annular depression: small (3.14.01.024)		Paleodrainage direction (3.10.01.010)		Till fabric measurement location: ice flow direction known (3.08.01.012) <i>Marker symbol should be oriented</i>
Owf	Organic deposits: fen (3.01.02.011)		Nivation hollow (3.12.01.020) <i>Central must be added with CombiRepresentation</i>		Meltwater channel: minor paleocurrent direction unknown (3.10.01.009)		Striation: poorly defined - ice flow direction unknown (3.08.01.009) <i>Marker symbol should be oriented</i>
Owb	Organic deposits: bog (3.01.02.013)		Nivation hollow (3.12.01.020) <i>Central must be added with CombiRepresentation</i>		Meltwater channel: minor paleocurrent direction known (3.10.01.008)		Striation: poorly defined - ice flow direction known (3.08.01.008) <i>Marker symbol should be oriented</i>
Ows	Organic deposits: salt marsh (3.01.02.015)		Nivation hollow (3.12.01.020) <i>Central must be added with CombiRepresentation</i>		Meltwater channel: minor lateral (3.10.01.006) <i>Open to left</i>		Striation: well defined - ice flow direction unknown (3.08.01.011) <i>Marker symbol should be oriented</i>
Ov	Organic deposits: veneer (3.01.02.023)		Nivation hollow (3.12.01.020) <i>Central must be added with CombiRepresentation</i>		Meltwater channel: minor lateral (3.10.01.007) <i>Open to right</i>		Striation: well defined - ice flow direction known (3.08.01.010) <i>Marker symbol should be oriented</i>
Ob	Organic deposits: blanket (3.01.02.025)		Recently deglaciated area (3.06.01.014) <i>Open to left</i>		Meltwater channel: major paleocurrent direction unknown (3.10.01.005) <i>Open to left</i>		Striation: legacy data, poorly defined - ice flow direction unknown (3.08.01.036) <i>Marker symbol should be oriented</i>
O	Organic deposits: undifferentiated (3.01.02.012)		Recently deglaciated area (3.06.01.014) <i>Open to left</i>		Meltwater channel: major paleocurrent direction known (3.10.01.005) <i>Open to left</i>		Striation: legacy data, poorly defined - ice flow direction known (3.08.01.035) <i>Marker symbol should be oriented</i>
EI	Eolian sediments: loess (3.01.03.295)		Thermokarst depression: large (3.12.01.017) <i>Central must be added with CombiRepresentation</i>		Subglacial meltwater corridor margin: approximate (3.10.01.016) <i>Open to left</i>		Striation: legacy data, well defined - ice flow direction unknown (3.08.01.038) <i>Marker symbol should be oriented</i>
Er	Eolian sediments: dunes (3.01.03.299)		Thermokarst depression: small (3.12.01.008)		Subglacial meltwater corridor margin: defined (3.10.01.015) <i>Open to left</i>		Striation: legacy data, well defined - ice flow direction known (3.08.01.037) <i>Marker symbol should be oriented</i>
Ev	Eolian sediments: veneer (3.01.03.292)		Thermokarst depression: small (3.12.01.008)		Partly buried channel scarp (3.10.01.011) <i>Open to left</i>		Crossed Striations (3.15.01.001) <i>Marker symbol should be oriented</i>
E	Eolian sediments: undifferentiated (3.01.03.297)		Patterned ground: large (3.12.01.016)		Buried valley: central axis, paleodrainage direction unknown (3.10.01.014)		Tor (3.04.01.003)
Cr	Colluvial and Mass-wasting deposits: fan (3.01.01.107)		Patterned ground: small (3.12.01.002)		Buried valley: central axis, paleodrainage direction known (3.10.01.013)		Mineral occurrence (3.04.01.008) <i>Mineral identification - annotated (3.03.01.003) must be added manually</i>
Ca	Colluvial and Mass-wasting deposits: apron or talus scree (3.01.01.097) <i>Cd1 - scree/dune, Cd2 - scree/dune</i>		Felsenmeer: large (3.12.01.023)		Moraine ridge: minor large (3.06.01.012) <i>Special marker symbol needs to be legend</i>		Gossan observation (3.14.01.004)
Cz	Colluvial and Mass-wasting deposits: landslide (3.01.01.155) <i>Cd1 - scree/dune, Cd2 - scree/dune, Cd3 - retrogressive flow flow, Cd4 - rotational landslide, Cd5 - translational landslide</i>		Felsenmeer: large (3.12.01.023)		Moraine ridge: minor large (3.06.01.012)		Outcrop, small (3.04.01.002)
Cg	Colluvial and Mass-wasting deposits: rock-glacier (3.01.01.139)		Felsenmeer: small (3.12.01.024)		Moraine ridge: minor small, orientation unknown (3.06.01.017)		Drillhole location (3.03.01.001)
Cv	Colluvial and Mass-wasting deposits: veneer (3.01.01.092)		Dune: active dune field (3.05.01.005)		Moraine ridge: minor small, orientation known (3.06.01.015) <i>Marker symbol should be oriented</i>		Fossil observation (3.14.01.003)
Cb	Colluvial and Mass-wasting deposits: blanket (3.01.01.095)		Dune: active dune field (3.05.01.005)		Moraine ridge: major lateral (3.06.01.006)		Station location: remote observation (3.14.01.008)
C	Colluvial and Mass-wasting deposits: undifferentiated (3.01.01.152)		Dune: large (3.05.01.003) <i>Marker symbol should be oriented</i>		Moraine ridge: major medial (3.06.01.008)		Station location: ground observation (3.14.01.007)
Ap	Alluvial sediments: floodplain (3.01.04.285)		Dune: small, paleowind direction unknown (3.05.01.008) <i>Marker symbol should be oriented</i>		Moraine ridge: major end (3.06.01.010)		Dated sample location (3.14.01.018) <i>Marker symbol should be oriented</i>
Af	Alluvial sediments: fan (3.01.04.257)		Dune: small, paleowind direction known (3.05.01.008) <i>Marker symbol should be oriented</i>		Moraine ridge: major end ice-cored (3.06.01.011)		Sample location (3.14.01.006) <i>Marker symbol should be oriented</i>
Al	Alluvial sediments: intertidal or estuarine (3.01.04.255)		Extensive gullied terrain (3.14.01.005)		Moraine ridge: major medial ice-cored (3.06.01.009)		
At	Alluvial sediments: terraced (3.01.04.269)		Extensive gullied terrain (3.14.01.005)		Moraine ridge: major end ice-cored (3.06.01.011)		
Av	Alluvial sediments: veneer (3.01.04.252)		Eolian lag deposit [deflation surface] (3.05.01.006)		Ice-contact scarp (3.07.01.007)		
Ab	Alluvial sediments: blanket (3.01.04.267)		Eolian lag deposit [deflation surface] (3.05.01.006)		Ice-thrust ridge (3.07.01.008)		
A	Alluvial sediments: undifferentiated (3.01.04.263)		Lag deposit [washed scoured lag] (3.14.01.013)		Esker ridge: buried, paleocurrent direction unknown (3.07.01.004)		
Lr	Lacustrine sediments: beach (3.01.05.582)		Lag deposit [washed scoured lag] (3.14.01.013)		Esker ridge: buried, paleocurrent direction known (3.07.01.003)		
Ld	Lacustrine sediments: deltaic (3.01.05.585)		Lag deposit [washed scoured lag] (3.14.01.013)		Esker ridge: paleocurrent direction unknown (3.07.01.006)		
Ln	Lacustrine sediments: littoral and nearshore (3.01.05.573)		Lag deposit [washed scoured lag] (3.14.01.013)		Esker ridge: paleocurrent direction known or inferred (3.07.01.005)		
Lo	Lacustrine sediments: offshore (3.01.05.577)		Lag deposit [washed scoured lag] (3.14.01.013)		Esker ridge: with beach ridge/strandlines, paleocurrent direction unknown (3.07.01.011)		
Lv	Lacustrine sediments: veneer (3.01.05.572)		Lag deposit [washed scoured lag] (3.14.01.013)		Esker ridge: with beach ridge/strandlines, paleocurrent direction known or inferred (3.07.01.010)		
Lb	Lacustrine sediments: blanket (3.01.05.575)		Lag deposit [washed scoured lag] (3.14.01.013)		Crevasse ridge (3.06.01.005)		
L	Lacustrine sediments: undifferentiated (3.01.05.583)		Lag deposit [washed scoured lag] (3.14.01.013)		Drumlinoid ridge: buried large (3.08.01.015)		
Mt	Marine sediments: terraced (3.01.06.495)		Lag deposit [washed scoured lag] (3.14.01.013)		Drumlinoid ridge: buried small (3.08.01.002) <i>Marker symbol should be oriented</i>		
Mr	Marine sediments: beach (3.01.06.497)		Lag deposit [washed scoured lag] (3.14.01.013)				