

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 August 2018

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)		Paleocurrent measurement: bedrock [p, s-forms] (3.10.01.004)
	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)		Ground ice observation (3.12.01.019)
	Anthropogenic deposits: undifferentiated (3.01.14.715)		Nivation hollow (3.12.01.020)		Paleodrainage direction (3.10.01.010)		Erratic observation (3.14.01.002)
	Organic deposits: fen (3.01.02.011)		Evaporites (3.14.01.017)		Melwater channel: minor paleocurrent direction unknown (3.10.01.009)		Kame (3.07.01.002)
	Organic deposits: bog (3.01.02.013)		Recently deglaciated area (3.06.01.014)		Melwater channel: minor paleocurrent direction known (3.10.01.008)		Tilt fabric measurement location: ice flow direction unknown (3.08.01.026)
	Organic deposits: salt marsh (3.01.02.015)		Thermokarst depression: large (3.12.01.017)		Melwater channel: minor lateral (3.10.01.006)		Tilt fabric measurement location: ice flow direction known (3.08.01.012)
	Organic deposits: veneer (3.01.02.023)		Thermokarst depression: small (3.12.01.008)		Melwater channel: major paleocurrent direction unknown (3.10.01.005)		Striation: poorly defined - ice flow direction unknown (3.08.01.009)
	Organic deposits: blanket (3.01.02.025)		Patterned ground: large (3.12.01.016)		Melwater channel: major paleocurrent direction known (3.10.01.005)		Striation: poorly defined - ice flow direction known (3.08.01.008)
	Organic deposits: undifferentiated (3.01.02.012)		Patterned ground: small (3.12.01.002)		Subglacial meltwater corridor margin: approximate (3.10.01.016)		Striation: well defined - ice flow direction unknown (3.08.01.011)
	Eolian sediments: loess (3.01.03.295)		Feisenmeer: large (3.12.01.023)		Subglacial meltwater corridor margin: defined (3.10.01.015)		Striation: well defined - ice flow direction known (3.08.01.010)
	Eolian sediments: dunes (3.01.03.299)		Feisenmeer: small (3.12.01.024)		Partly buried channel scarp (3.10.01.011)		Striation: legacy data, poorly defined - ice flow direction unknown (3.08.01.036)
	Eolian sediments: veneer (3.01.03.292)		Dune: active dune field (3.05.01.005)		Buried valley: central axis, paleodrainage direction unknown (3.10.01.014)		Striation: legacy data, well defined - ice flow direction unknown (3.08.01.035)
	Eolian sediments: undifferentiated (3.01.03.297)		Dune: small, paleowind direction unknown (3.05.01.009)		Buried valley: central axis, paleodrainage direction known (3.10.01.013)		Striation: legacy data, well defined - ice flow direction known (3.08.01.038)
	Colluvial and Mass-wasting deposits: fan (3.01.01.107)		Dune: small, paleowind direction known (3.05.01.008)		Moraine ridge: minor large (3.06.01.012)		Striation: legacy data, well defined - ice flow direction known (3.08.01.037)
	Colluvial and Mass-wasting deposits: apron or talus scree (3.01.01.097)		Extensive gullied terrain (3.14.01.005)		Moraine ridge: minor small, orientation known (3.06.01.015)		Crossed Striations (3.15.01.001)
	Colluvial and Mass-wasting deposits: landslide (3.01.01.155)		Eolian lag deposit (deflation surface) (3.05.01.006)		Moraine ridge: major lateral (3.06.01.006)		Tor (3.04.01.003)
	Colluvial and Mass-wasting deposits: rock-glacier (3.01.01.139)		Lag deposit [washed scoured lag] (3.14.01.013)		Moraine ridge: major medial (3.06.01.008)		Mineral occurrence (3.04.01.008)
	Colluvial and Mass-wasting deposits: veneer (3.01.01.092)		Reworked sediments [by waves, meltwater] (3.14.01.014)		Moraine ridge: major end (3.06.01.010)		Gossan observation (3.14.01.004)
	Colluvial and Mass-wasting deposits: blanket (3.01.01.095)		Surface boulder concentration [boulder lag] (3.14.01.015)		Moraine ridge: major end ice-cored (3.06.01.007)		Outcrop, small (3.04.01.002)
	Colluvial and Mass-wasting deposits: undifferentiated (3.01.01.152)		Kettle: large (3.06.01.013)		Moraine ridge: major medial ice-cored (3.06.01.009)		Drillhole location (3.03.01.001)
	Alluvial sediments: floodplain (3.01.04.265)		Kettle: small (3.06.01.001)		Ice-contact scarp (3.07.01.007)		Fossil observation (3.14.01.003)
	Alluvial sediments: fan (3.01.04.257)		Sinkhole: large (3.04.01.007)		Ice-thrust ridge (3.07.01.009)		Station location: remote observation (3.14.01.008)
	Alluvial sediments: intertidal or estuarine (3.01.04.255)		Sinkhole: small (3.04.01.001)		Esker ridge: buried, paleocurrent direction unknown (3.07.01.004)		Station location: ground observation (3.14.01.007)
	Alluvial sediments: terraced (3.01.04.269)		Pit: large inactive (3.03.01.009)		Esker ridge: buried, paleocurrent direction known (3.07.01.003)		Dated sample location (3.14.01.018)
	Alluvial sediments: veneer (3.01.04.252)		Pit: large active (3.03.01.009)		Esker ridge: paleocurrent direction unknown (3.07.01.006)		Sample location (3.14.01.006)
	Alluvial sediments: blanket (3.01.04.287)		Pit: small inactive (3.03.01.003)		Esker ridge: paleocurrent direction known or inferred (3.07.01.005)		
	Alluvial sediments: undifferentiated (3.01.04.263)		Pit: small active (3.03.01.002)		Esker ridge: with beach ridges/strandlines, paleocurrent direction unknown (3.07.01.011)		
	Lacustrine sediments: beach (3.01.05.582)		Mine tailing (3.03.01.007)		Esker ridge: with beach ridges/strandlines, paleocurrent direction known or inferred (3.07.01.010)		
	Lacustrine sediments: deltaic (3.01.05.585)		Made ground [fill] (3.03.01.008)		Crevasse ridge (3.06.01.005)		
	Lacustrine sediments: littoral and nearshore (3.01.05.573)		Quarry: large inactive (3.03.01.010)		Buried drumlinoid ridge: large (3.08.01.015)		
	Lacustrine sediments: offshore (3.01.05.577)		Quarry: large active (3.03.01.010)		Buried drumlinoid ridge: small (3.08.01.002)		
	Lacustrine sediments: veneer (3.01.05.572)		Quarry: small inactive (3.03.01.005)		Drumlinoid ridge: large (3.08.01.018)		
	Lacustrine sediments: blanket (3.01.05.575)		Quarry: small active (3.03.01.004)		Drumlinoid ridge: small (3.08.01.005)		
	Lacustrine sediments: undifferentiated (3.01.05.583)		Peat bog mining (3.03.01.008)		Buried drumlin ridge: large (3.08.01.014)		
	Marine sediments: terraced (3.01.06.495)		Geological contact: defined (3.02.01.001)		Buried drumlin ridge: small (3.08.01.001)		
	Marine sediments: beach (3.01.06.497)		Geological contact: approximate (3.02.01.002)		Drumlin ridge: large (3.08.01.017)		
	Marine sediments: deltaic (3.01.06.507)		Geological contact: inferred (3.02.01.003)		Drumlin ridge: small (3.08.01.004)		
	Marine sediments: intertidal (3.01.06.492)		Geological contact: concealed (3.02.01.004)		Buried crag-and-tail ridge: large (3.08.01.046)		
	Marine sediments: littoral and nearshore (3.01.06.493)		Limit of mapping - neatline (3.02.01.005)		Buried crag-and-tail ridge: small (3.08.01.045)		
	Marine sediments: offshore (3.01.06.509)		Tension fracture (3.09.01.010)		Crag-and-tail ridge: large (3.08.01.016)		
	Marine sediments: veneer (3.01.06.502)		Avalanche track: large (3.09.01.008)		Crag-and-tail ridge: small (3.08.01.003)		
	Marine sediments: blanket (3.01.06.505)		Avalanche track: small (3.09.01.001)		Pre-crag ridge: large (3.08.01.040)		
	Marine sediments: undifferentiated (3.01.06.503)		Debris flow track: large (3.09.01.009)		Pre-crag ridge: small (3.08.01.039)		
	Glaciomarine sediments: beach (3.01.09.487)		Landslide: escarpment inactive (3.09.01.007)		Large groove: ice flow direction unknown (3.08.01.022)		
	Glaciomarine sediments: deltaic (3.01.09.525)		Landslide: escarpment active (3.09.01.006)		Large groove: ice flow direction known (3.08.01.021)		
	Glaciomarine sediments: intertidal (3.01.09.512)		Landslide: scar direction unknown (3.09.01.003)		Fluted bedrock or drift: poorly defined, central long axis - ice flow direction unknown large (3.08.01.034)		
	Glaciomarine sediments: littoral and nearshore (3.01.09.513)		Landslide: scar direction known (3.09.01.003)		Fluted bedrock or drift: poorly defined, central long axis - ice flow direction unknown small (3.08.01.030)		
	Glaciomarine sediments: offshore (3.01.09.519)		Retrospective thaw flow: direction unknown (3.09.01.004)		Fluted bedrock or drift: poorly defined, central long axis - ice flow direction known large (3.08.01.033)		
	Glaciomarine sediments: submarine outwash fan (3.01.09.527)		Retrospective thaw flow: direction known (3.09.01.004)		Fluted bedrock or drift: poorly defined, central long axis - ice flow direction known small (3.08.01.029)		
	Glaciomarine sediments: submarine moraine (3.01.09.517)		Unspecified slope movement (3.09.01.005)		Fluted bedrock or drift: central long axis - ice flow direction unknown large (3.08.01.020)		
	Glaciomarine sediments: veneer (3.01.09.483)		Crop/naplation terrace scarp (3.12.01.014)		Fluted bedrock or drift: central long axis - ice flow direction unknown small (3.08.01.007)		
	Glaciomarine sediments: blanket (3.01.09.485)		Limit of permafrost (3.12.01.015)		Fluted bedrock or drift: central long axis - ice flow direction known large (3.08.01.019)		
	Glaciomarine sediments: undifferentiated (3.01.09.515)		Sediment transport direction: paleoflow unknown (3.14.01.022)		Fluted bedrock or drift: central long axis - ice flow direction known small (3.08.01.006)		
	Glaciolacustrine sediments: beach (3.01.08.645)		Sediment transport direction: paleoflow known (3.14.01.021)		Cirque headwall (3.06.01.004)		
	Glaciolacustrine sediments: deltaic (3.01.08.613)		Pre-existing coastline (3.13.01.011)		Arête (3.06.01.003)		
	Glaciolacustrine sediments: littoral and nearshore (3.01.08.612)		Alluvial bar or knee ridge (3.14.01.009)		Ice-flow direction: unknown (3.08.01.025)		
	Glaciolacustrine sediments: offshore (3.01.08.637)		Terrace scarp (3.13.01.004)		Ice-flow direction: known (3.08.01.024)		
	Glaciolacustrine sediments: subaqueous outwash fan (3.01.08.615)		Ravine scarp (3.14.01.011)		Limit of glaciation: approximate (3.11.01.006)		
	Glaciolacustrine sediments: subaqueous moraine (3.01.08.617)		Erosional crest (3.14.01.020)		Limit of glaciation: defined (3.11.01.005)		
	Glaciolacustrine sediments: hummocky (3.01.08.635)		Beach crest (3.13.01.002)		Dispersal train margin: approximate (3.08.01.043)		
	Glaciolacustrine sediments: veneer (3.01.08.642)		Limit of submergence: lacustrine approximate (3.11.01.012)		Dispersal train margin: approximate (3.08.01.044)		
	Glaciolacustrine sediments: blanket (3.01.08.647)		Limit of submergence: lacustrine defined (3.11.01.011)		Dispersal train margin: defined (3.08.01.041)		
	Glaciolacustrine sediments: undifferentiated (3.01.08.643)		Limit of submergence: marine approximate (3.11.01.014)		Dispersal train margin: defined (3.08.01.042)		
	Glaciolacustrine sediments: outwash plain (3.01.07.249)		Limit of submergence: marine defined (3.11.01.013)		Ice stream margin: approximate (3.11.01.004)		
	Glaciolacustrine sediments: terraced (3.01.07.237)		Limit of submergence: glaciomarine approximate (3.11.01.010)		Ice stream margin: defined (3.11.01.003)		
	Glaciolacustrine sediments: outwash fan (3.01.07.225)		Limit of submergence: glaciomarine defined (3.11.01.009)		Ice divide: approximate (3.11.01.002)		
	Glaciolacustrine sediments: hummocky (3.01.07.215)		Limit of submergence: glaciolacustrine approximate (3.11.01.008)		Ice divide: defined (3.11.01.001)		
	Glaciolacustrine sediments: ice-contact (3.01.07.217)						