

# 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 (3.10.01.012)		Kame (3.07.01.002)
	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 (3.08.01.026)
	Anthropogenic deposits undifferentiated (3.01.14.715)		Nivation hollow (3.12.01.020) Marker symbol should be oriented with CardRepresentation		Paleodrainage direction (3.10.01.010)		Till fabric measurement location: ice flow direction known (3.08.01.012)
	Organic deposits: fen (3.01.02.011)		Evaporites (3.14.01.017)		Meltwater channel: minor paleocurrent direction unknown (3.10.01.009)		Striation: poorly defined - ice flow direction unknown (3.08.01.009)
	Organic deposits: bog (3.01.02.013)		Recently deglaciated area (3.06.01.014) White pattern over colour of geological unit		Meltwater channel: minor paleocurrent direction known (3.10.01.008)		Striation: poorly defined - ice flow direction known (3.08.01.008)
	Organic deposits: salt marsh (3.01.02.015)		Thermokarst depression: large (3.12.01.017) Marker symbol should be oriented with CardRepresentation		Meltwater channel: minor lateral (3.10.01.006)		Striation: well defined - ice flow direction unknown (3.08.01.011)
	Organic deposits: veneer (3.01.02.023)		Thermokarst depression: small (3.12.01.006)		Meltwater channel: minor lateral (3.10.01.007)		Striation: legacy data, poorly defined - ice flow direction unknown (3.08.01.036)
	Organic deposits: blanket (3.01.02.025)		Patterned ground: large (3.12.01.016)		Subglacial meltwater corridor margin: approximate (3.10.01.016)		Striation: legacy data, poorly defined - ice flow direction known (3.08.01.035)
	Organic deposits: undifferentiated (3.01.02.012)		Patterned ground: small (3.12.01.002)		Subglacial meltwater corridor margin: defined (3.10.01.015)		Striation: legacy data, well defined - ice flow direction known (3.08.01.038)
	Eolian sediments: loess (3.01.03.295)		Felsenmeer: large (3.12.01.023)		Party buried channel scarp (3.10.01.011)		Striation: legacy data, well defined - ice flow direction known (3.08.01.037)
	Eolian sediments: dunes (3.01.03.299)		Felsenmeer: small (3.12.01.024)		Buried valley: central axis, paleodrainage direction unknown (3.10.01.014)		Crossed Striations (3.15.01.001) Relative age - elevation (2.03.01.005) must be added manually
	Eolian sediments: veneer (3.01.03.292)		Dune: active field (3.05.01.005)		Buried valley: central axis, paleodrainage direction known (3.10.01.013)		Tor (3.04.01.003)
	Eolian sediments: undifferentiated (3.01.03.297)		Dune: large (3.05.01.003) Special marker symbol exists for legend		Moraine ridge: minor large (3.06.01.012) Marker symbol should exist for legend		Mineral occurrence (3.04.01.008) Mineral identification - elevation (2.03.01.003) must be added manually
	Colluvial and Mass-wasting deposits: fan (3.01.01.107)		Dune: small, paleowind direction unknown (3.05.01.009)		Moraine ridge: minor small, orientation unknown (3.06.01.017)		Gossan observation (3.14.01.004)
	Colluvial and Mass-wasting deposits: apron or talus slope (3.01.01.097) C01 - stratified, C02 - unstratified		Dune: small, paleowind direction known (3.05.01.008)		Moraine ridge: minor small, orientation known (3.06.01.015)		Outcrop, small (3.04.01.002)
	Colluvial and Mass-wasting deposits: landslide (3.01.01.155) C01 - mass wasting flow, C03 - regressive thaw flow, C04 - residual landslide, C05 - transitional landslide		Dune: large (3.05.01.003) Special marker symbol exists for legend		Moraine ridge: minor small, orientation known (3.06.01.016)		Drillhole location (3.03.01.001)
	Colluvial and Mass-wasting deposits: rock-glacier (3.01.01.139)		Dune: small, paleowind direction unknown (3.05.01.009)		Moraine ridge: minor small, orientation known (3.06.01.015)		Fossil observation (3.14.01.003)
	Colluvial and Mass-wasting deposits: veneer (3.01.01.092)		Dune: small, paleowind direction known (3.05.01.008)		Moraine ridge: minor small, orientation known (3.06.01.014)		Station location: remote observation (3.14.01.008)
	Colluvial and Mass-wasting deposits: blanket (3.01.01.095)		Extensive gullied terrain (3.14.01.005)		Moraine ridge: major lateral (3.06.01.006)		Station location: ground observation (3.14.01.007)
	Colluvial and Mass-wasting deposits: undifferentiated (3.01.01.152)		Lag deposit [deflation surface] (3.05.01.006)		Moraine ridge: major medial (3.06.01.008)		Dated sample location (3.14.01.018) Dated sample location - elevation (2.03.01.003) must be added manually
	Alluvial sediments: floodplain (3.01.04.285)		Reworked sediments [by waves, meltwater] (3.14.01.014)		Moraine ridge: major end (3.06.01.010)		Sample location (3.14.01.006) Marker symbol should be oriented with CardRepresentation
	Alluvial sediments: fan (3.01.04.257)		Surface boulder concentration [boulder lag] (3.14.01.015)		Crevasse ridge (3.06.01.005)		Map unit polygon - to be defined (2.01.01.010)
	Alluvial sediments: intertidal or estuarine (3.01.04.255)		Kettle: large (3.06.01.013) Marker symbol should be oriented with CardRepresentation		Drumlinoid ridge: buried large (3.08.01.015)		Unmapped area (2.01.01.008)
	Alluvial sediments: terraced (3.01.04.269)		Sinkhole: large (3.04.01.007) Marker symbol should be added with CardRepresentation		Drumlinoid ridge: buried small (3.08.01.002)		
	Alluvial sediments: veneer (3.01.04.252)		Pit: large inactive (3.03.01.009) Marker symbol should be added with CardRepresentation		Drumlinoid ridge: large (3.08.01.018)		
	Alluvial sediments: blanked (3.01.04.267)		Pit: large active (3.03.01.009) Marker symbol should be added with CardRepresentation		Drumlinoid ridge: small (3.08.01.005)		
	Alluvial sediments: undifferentiated (3.01.04.263)		Pit: small inactive (3.03.01.003)		Drumlinoid ridge: buried large (3.08.01.014)		
	Lacustrine sediments: beach (3.01.05.582)		Pit: small active (3.03.01.002)		Drumlinoid ridge: buried small (3.08.01.001)		
	Lacustrine sediments: deltaic (3.01.05.585)		Sinkhole: small (3.04.01.001)		Drumlinoid ridge: large (3.08.01.017)		
	Lacustrine sediments: littoral and nearshore (3.01.05.573)		Sinkhole: large (3.04.01.007) Marker symbol should be added with CardRepresentation		Drumlinoid ridge: small (3.08.01.005)		
	Lacustrine sediments: offshore (3.01.05.577)		Pit: large inactive (3.03.01.009) Marker symbol should be added with CardRepresentation		Drumlinoid ridge: buried large (3.08.01.015)		
	Lacustrine sediments: intertidal (3.01.05.572)		Pit: large active (3.03.01.009) Marker symbol should be added with CardRepresentation		Drumlinoid ridge: buried small (3.08.01.002)		
	Lacustrine sediments: blanket (3.01.05.575)		Pit: small inactive (3.03.01.003)		Drumlinoid ridge: large (3.08.01.018)		
	Lacustrine sediments: undifferentiated (3.01.05.583)		Pit: small active (3.03.01.002)		Drumlinoid ridge: small (3.08.01.004)		
	Marine sediments: terraced (3.01.06.495)		Sinkhole: small (3.04.01.001)		Crag-and-tail ridge: large (3.08.01.016)		
	Marine sediments: beach (3.01.06.497)		Pit: large inactive (3.03.01.009) Marker symbol should be added with CardRepresentation		Crag-and-tail ridge: small (3.08.01.003)		
	Marine sediments: deltaic (3.01.06.507)		Pit: small active (3.03.01.001)		Pre-crag ridge: large (3.08.01.040)		
	Marine sediments: littoral and nearshore (3.01.06.492)		Sinkhole: large (3.04.01.007) Marker symbol should be added with CardRepresentation		Pre-crag ridge: small (3.08.01.039)		
	Marine sediments: offshore (3.01.06.493)		Pit: large active (3.03.01.009) Marker symbol should be added with CardRepresentation		Large groove: ice flow direction unknown (3.08.01.022)		
	Marine sediments: intertidal (3.01.06.492)		Pit: small inactive (3.03.01.003)		Large groove: ice flow direction known (3.08.01.021)		
	Marine sediments: blanketed (3.01.06.509)		Sinkhole: small (3.04.01.001)		Fluted bedrock or drift: poorly defined, central long axis - ice flow direction unknown large (3.08.01.034)		
	Marine sediments: veneered (3.01.06.502)		Pit: small active (3.03.01.002)		Fluted bedrock or drift: poorly defined, central long axis - ice flow direction known small (3.08.01.030)		
	Marine sediments: deltaic (3.01.06.505)		Sinkhole: large (3.04.01.003)		Fluted bedrock or drift: poorly defined, central long axis - ice flow direction known large (3.08.01.033)		
	Glaciomarine sediments: beach (3.01.09.487)		Mine tailing (3.03.01.007)		Fluted bedrock or drift: central long axis - ice flow direction unknown large (3.08.01.020)		
	Glaciomarine sediments: deltaic (3.01.09.525)		Made ground [fill] (3.03.01.006)		Fluted bedrock or drift: central long axis - ice flow direction known small (3.08.01.007)		
	Glaciomarine sediments: intertidal (3.01.09.512)		Quarry: large inactive (3.03.01.010) Marker symbol should be added with CardRepresentation		Fluted bedrock or drift: central long axis - ice flow direction known large (3.08.01.019)		
	Glaciomarine sediments: offshore (3.01.09.519)		Quarry: large active (3.03.01.010) Marker symbol should be added with CardRepresentation		Fluted bedrock or drift: central long axis - ice flow direction known small (3.08.01.006)		
	Glaciomarine sediments: submarine outwash fan (3.01.09.527)		Quarry: small inactive (3.03.01.005)		Arête (3.06.01.003)		
	Glaciomarine sediments: submarine moraine (3.01.09.517)		Quarry: small active (3.03.01.004)		Ice-flow direction: unknown (3.08.01.025)		
	Glaciomarine sediments: veneer (3.01.09.483)		Peat bog mining (3.03.01.008)		Ice-flow direction: known (3.08.01.024)		
	Glaciomarine sediments: blanketed (3.01.09.485)		Geological contact: defined (3.02.01.001)		Limit of glaciation: approximate (3.11.01.006)		
	Glaciomarine sediments: undifferentiated (3.01.09.515)		Geological contact: approximate (3.02.01.002)		Limit of glaciation: defined (3.11.01.005)		
	Glaciomarine sediments: subaqueous fan (3.01.09.517)		Geological contact: inferred (3.02.01.003)		Dispersal train margin		