

# Appendix B: Surficial Data Model Legend Chart v2.5.0/2.5.1

GLACIAL ICE OR SNOWPACK		MARINE SEDIMENTS		GLACIAL SEDIMENTS		Geological boundary		Dune		Moraine ridge		Dispersal train margin		OTHER SYMBOLS (NOT DISPLAYED IN LEGEND)	
	<b>Snowpacks:</b> 3.01.15.001; 781100		<b>Marine terrace:</b> 3.01.06.495; 7351090; v2.5.0 Renamed category from 'terrace sediment'		<b>Rock-glacierized moraines:</b> 3.01.10.357; 7711090		<b>confidence defined:</b> 3.02.01.001; 5091014		<b>active dune field:</b> 3.05.01.005; 4421002		<b>minor, large:</b> 3.06.01.012; 4991002; v2.5.0 Renamed from 'Other moraine ridge'; Multiple lines must be digitized individually. See symbol 3.15.01.003 in SYMBOL LEGEND for legend portrayal.		<b>confidence approximate, left:</b> 3.08.01.043; 1491093. Orientations point toward dispersal train axis, steep side of teeth face down ice. See symbol 3.15.01.011 in SYMBOL LEGEND for legend portrayal.		<b>Geological boundary coincident with other line feature</b>
	<b>Glacier, icefield or ice cap:</b> 3.01.15.002; 7821000; v2.5.0 Renamed category from 'Glacier or icefield or icecap'		<b>Marine beach:</b> 3.01.06.497; 7331090; v2.5.0 Renamed category from 'beach sediments'		<b>Hummocky till:</b> 3.01.10.375; 7691100		<b>confidence approximate:</b> 3.02.01.002; 5091006		<b>crest, large:</b> 3.05.01.003; 4781002. Multiple lines must be digitized individually. See symbol 3.15.01.002 in SYMBOL LEGEND for legend portrayal.		<b>minor, small, orientation unknown or unspecified:</b> 3.06.01.017; 6021074. This symbol is not oriented.		<b>confidence approximate, right:</b> 3.08.01.044; 1491094. Orientations point toward dispersal train axis, steep side of teeth face down ice. See symbol 3.15.01.011 in SYMBOL LEGEND for legend portrayal.		<b>confidence defined:</b> 2.01.01.002; 5341002
	<b>Anthropogenic deposits, undifferentiated:</b> 3.01.14.715; 7801090		<b>Marine delta:</b> 3.01.06.507; 7321090; v2.5.0 Renamed category from 'deltaic sediments'		<b>Hummocky till, carbonate/calcareous:</b> 3.01.10.375; 7691089		<b>confidence inferred:</b> 3.02.01.003; 5091019		<b>small, paleowind direction unknown or unspecified:</b> 3.05.01.009; 4141055. This symbol is not oriented.		<b>major, lateral:</b> 3.06.01.006; 4981040. Orientations on glacier side.		<b>confidence defined, left:</b> 3.08.01.041; 1491095. Orientations point toward dispersal train axis, steep side of teeth face down ice. See symbol 3.15.01.010 in SYMBOL LEGEND for legend portrayal.		<b>confidence inferred:</b> 2.01.01.004; 5341002
<b>ANTHROPOGENIC DEPOSITS</b>			<b>Marine intertidal sediments:</b> 3.01.06.492; 7311090		<b>Moraine complex:</b> 3.01.10.377; 7681100		<b>confidence concealed:</b> 3.02.01.004; 5081012		<b>Eolian lag:</b> 3.05.01.006; 1501022		<b>major, medial:</b> 3.06.01.008; 4981047		<b>confidence defined, right:</b> 3.08.01.042; 1491096. Orientations point toward dispersal train axis, steep side of teeth face down ice. See symbol 3.15.01.010 in SYMBOL LEGEND for legend portrayal.		<b>Limit of mapping, concealed:</b> 3.02.01.006; 5101049
	<b>Fen:</b> 3.01.02.011; 7091090; v2.5.0 Renamed category from 'fen deposits'		<b>Marine littoral and nearshore sediments:</b> 3.01.06.493; 7341090		<b>Moraine complex, carbonate/calcareous:</b> 3.01.10.377; 7681089		<b>Limit of mapping:</b> 3.02.01.005; 5101045		<b>Extensive area of gullied terrain:</b> 3.14.01.005; 6041002; v2.5.0 Renamed subset from 'extensive gullied terrain'		<b>major, end:</b> 3.06.01.010; 4981027		<b>confidence defined, left:</b> 3.08.01.041; 1491095. Orientations point toward dispersal train axis, steep side of teeth face down ice. See symbol 3.15.01.010 in SYMBOL LEGEND for legend portrayal.		<b>Feature to be defined</b>
	<b>Bog:</b> 3.01.02.013; 7101100; v2.5.0 Renamed category from 'bog deposits'		<b>Marine offshore sediments:</b> 3.01.06.509; 9101090		<b>Moraine complex, subaqueous moraine bank:</b> 3.01.10.377; 7681098; v2.5.0 New subcategory 'subaqueous-moraine bank' v2.5.1 Retired subcategory; use GLm or GMm instead.		<b>Annular depression</b>		<b>Alluvial bar or levee:</b> 3.14.01.009; 1061002		<b>major, lateral ice-cored:</b> 3.06.01.007; 4981039. Orientations on glacier side.		<b>confidence approximate:</b> 3.11.01.002; 4851006. The fine dotted line on the ice-stream side. The two sides of channel must be digitized in opposite direction using the same symbol.		<b>Overlay polygon:</b> 2.01.01.009; 5541002
	<b>Peat plateau(s):</b> 3.01.02.013; 7101097; v2.5.0 New subcategory 'peat plateau(s)'		<b>Marine veneer:</b> 3.01.06.502; 7371090		<b>Ridged till:</b> 3.01.10.385; 7671100; v2.5.0 Renamed category from 'ridge till, moraine'		<b>Nivation hollow:</b> 3.12.01.020; 1681002. Orientations point into depression. Centroid marker (text symbol 2.03.01.026, font 1-181) must be added with cartographic representation.		<b>Alluvial fan:</b> 3.10.01.001; 4091002. Triangle opens in direction of progradation.		<b>major, medial ice-cored:</b> 3.06.01.011; 4981048		<b>confidence defined:</b> 3.11.01.003; 4861014. The fine dotted line on the ice-stream side. The two sides of channel must be digitized in opposite direction using the same symbol.		<b>Line feature:</b> 2.01.01.001; 5551002
	<b>Salt marsh:</b> 3.01.02.015; 7111090		<b>Marine sediments, undifferentiated:</b> 3.01.06.503; 7381090		<b>Ridged till, carbonate/calcareous:</b> 3.01.10.385; 7671089		<b>Evaporites:</b> 3.14.01.017; 6421002		<b>Washed lag:</b> 3.14.01.013; 4631002; v2.5.0 Renamed feature type from 'lag deposits'		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.002; 4851006		<b>Point feature:</b> 2.01.01.006; 5561002
	<b>Organic veneer:</b> 3.01.02.023; 6971090		<b>Glaciomarine beach:</b> 3.01.09.487; 7581090; v2.5.0 Renamed category from 'beach sediments'		<b>Streamlined till:</b> 3.01.10.387; 7701100		<b>Recently deglaciated area:</b> 3.06.01.014; 1631002. This symbol is a white pattern over colour of geological unit.		<b>Reworked sediments:</b> 3.14.01.014; 6081002		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.002; 4851006		<b>Field observation:</b> 2.01.01.007; 5571002
	<b>Organic blanket:</b> 3.01.02.025; 6961090		<b>Glaciomarine delta:</b> 3.01.09.525; 7571100; v2.5.0 Renamed category from 'deltaic sediments'		<b>Streamlined till, carbonate/calcareous:</b> 3.01.10.387; 7701089		<b>Avalanche track</b>		<b>Surface boulder concentration:</b> 3.14.01.015; 4401002		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.002; 4851006		<b>Symbol Legend</b>
	<b>Organic deposits, undifferentiated:</b> 3.01.02.012; 7121090		<b>Glaciomarine ice-contact delta:</b> 3.01.09.525; 7571099; v2.5.0 New subcategory 'ice-contact delta'		<b>Till plain:</b> 3.01.10.439; 6961100		<b>Debris-flow track</b>		<b>Pre-existing coastline:</b> 3.13.01.011; 5371002		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>Landslide</b>
<b>EOLIAN SEDIMENTS</b>			<b>Glaciomarine intertidal sediments:</b> 3.01.09.512; 7961090		<b>Till plain, carbonate/calcareous:</b> 3.01.10.439; 6961089		<b>Tension fracture:</b> 3.09.01.010; 5071002		<b>Beach crest:</b> 3.13.01.012; 5081002. Orientations point offshore or downslope.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.005; 4911014. The fine dotted line on glacier side.		<b>scarp, inactive:</b> 3.15.01.005; 4901057
	<b>Loess:</b> 3.01.03.295; 7141090		<b>Glaciomarine ice-contact delta:</b> 3.01.09.525; 7571099; v2.5.0 New subcategory 'ice-contact delta'		<b>Till blanket:</b> 3.01.10.359; 7721100		<b>Piping depression:</b> 3.09.01.011; 4251002; v2.5.0 Changed symbol number from 3.10.01.002.		<b>Basal crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Eolian dunes:</b> 3.01.03.299; 7131090		<b>Glaciomarine littoral and nearshore sediments:</b> 3.01.09.513; 7591090		<b>Till veneer, carbonate/calcareous:</b> 3.01.10.355; 7731089		<b>Limit of submergence</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, inactive:</b> 3.15.01.005; 4901057
	<b>Eolian veneer:</b> 3.01.03.292; 7161090		<b>Glaciomarine offshore sediments:</b> 3.01.09.519; 9121090		<b>Till blanket, carbonate/calcareous:</b> 3.01.10.359; 7721089		<b>Landslide scarp, active:</b> 3.09.01.006; 4901056; v2.5.0 Renamed feature type from 'landslide escarpment'; See symbol 3.15.01.004 in SYMBOL LEGEND for legend portrayal.		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Eolian blanket:</b> 3.01.03.289; 7151090; v2.5.0 New category 'blanket'		<b>Glaciomarine submarine fan:</b> 3.01.09.527; 7051090; v2.5.0 Altered map unit GMf; for 'submarine outwash fan' use GF2.		<b>Till, undifferentiated:</b> 3.01.10.373; 7741090		<b>Retrospective thaw flow</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Eolian sediments, undifferentiated:</b> 3.01.03.297; 7171090		<b>Glaciomarine submarine fan:</b> 3.01.09.527; 7051090; v2.5.0 Altered map unit GMf; for 'submarine outwash fan' use GF2.		<b>Till, undifferentiated:</b> 3.01.10.373; 7741090		<b>Retrospective thaw flow</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
<b>COLLUVIAL AND MASS-WASTING DEPOSITS</b>			<b>Glaciomarine submarine moraine complex:</b> 3.01.09.517; 7601090		<b>Weathered bedrock or regolith:</b> 3.01.11.175; 9181100		<b>Unspecified slope movement:</b> 3.09.01.005; 1851002. The arrow points downhill.		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Colluvial fan:</b> 3.01.01.107; 7021090; v2.5.0 Renamed category from 'fan sediments'		<b>Glaciomarine veneer:</b> 3.01.09.483; 7631090		<b>Weathered bedrock or regolith, veneer, carbonate/calcareous:</b> 3.01.11.175; 9191089		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Colluvial apron or talus scree:</b> 3.01.01.097; 7011100; v2.5.0 Renamed category from 'apron or talus scree deposit'		<b>Glaciomarine blanket:</b> 3.01.09.485; 9171090		<b>Weathered bedrock or regolith, blanket:</b> 3.01.11.169; 9151100		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Colluvial apron or talus scree, stratified:</b> 3.01.01.097; 7011085		<b>Glaciomarine blanket:</b> 3.01.09.485; 9171090		<b>Weathered bedrock or regolith, blanket, carbonate/calcareous:</b> 3.01.11.169; 9151089		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Colluvial apron or talus scree, unstratified:</b> 3.01.01.097; 7011086		<b>Glaciomarine sediments, undifferentiated:</b> 3.01.09.515; 7641090		<b>Weathered bedrock or regolith, undifferentiated:</b> 3.01.11.177; 9201100		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Landslide, unspecified:</b> 3.01.01.155; 7031100; v2.5.0 Renamed category from 'landslide deposits'		<b>Glaciolacustrine beach:</b> 3.01.08.645; 7501090; v2.5.0 Renamed category from 'beach sediment'		<b>Weathered bedrock or regolith, undifferentiated:</b> 3.01.11.177; 9201100		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Avalanche:</b> 3.01.01.155; 7031078		<b>Glaciolacustrine delta:</b> 3.01.08.613; 7491100; v2.5.0 Renamed category from 'deltaic sediments'		<b>Weathered bedrock or regolith, undifferentiated, carbonate/calcareous:</b> 3.01.11.177; 9201089		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Mud flow:</b> 3.01.01.155; 7031079		<b>Glaciolacustrine ice-contact delta:</b> 3.01.08.613; 7491099; v2.5.0 New subcategory 'ice-contact delta'		<b>Weathered bedrock or regolith, undifferentiated, carbonate/calcareous:</b> 3.01.11.177; 9201089		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Retrospective thaw flow:</b> 3.01.01.155; 7031080		<b>Glaciolacustrine littoral and nearshore sediments:</b> 3.01.08.612; 7511090		<b>Weathered bedrock or regolith, undifferentiated:</b> 3.01.11.177; 9201100		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Rotational:</b> 3.01.01.155; 7031082		<b>Glaciolacustrine offshore sediments:</b> 3.01.08.637; 9131090		<b>Weathered bedrock or regolith, undifferentiated:</b> 3.01.11.177; 9201100		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEGEND for legend portrayal.		<b>major, end ice-cored:</b> 3.06.01.011; 4981026		<b>confidence defined:</b> 3.11.01.006; 4911006. The fine dotted line on glacier side.		<b>scarp, active:</b> 3.15.01.004; 4901056
	<b>Translational:</b> 3.01.01.155; 7031083		<b>Glaciolacustrine subaqueous outwash-fan sediments:</b> 3.01.08.615; 7531090; v2.5.0 Retired map unit GLf; use GF2.		<b>Weathered bedrock or regolith, undifferentiated:</b> 3.01.11.177; 9201100		<b>Cryoplanation Terrace</b>		<b>Beach crest:</b> 3.13.01.002; 4851002. Multiple lines must be digitized individually. See symbol 3.15.01.009 in SYMBOL LEG						