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SURFICIAL GEOLOGY AND GEOMORPHOLOGY

BOOTHIA PENINSULA

MAP 5

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UNCONTROLLED PHOTOMOSAIC BASE

EXPLANATION MAP SYMBOLS

<b>MATERIALS</b> (lower case letter)	<b>COLOURS</b>
b - boulders g - gravel s - sand f - silt and fine sand cl - clay to fine sand c - clay t - till	/ first of unit is more than 80% of total unit area - first of unit covers 60-80% of total unit area = units are of roughly equal proportions
<b>LITHOLOGY</b> (lower case superscript)	<b>RELIEF</b>
g - granitic c - carbonate	Venue units (less than 1.5 metres thick) are indicated by the lower case letter "v" after the generic symbol. A horizontal line separates the venue unit symbols from the symbols representing the underlying unit.
<b>GLACIAL</b> (upper case letter)	<b>EXAMPLE</b>
M - moraine L - ice-contact outwash F - proglacial outwash M - marine D - deltaic A - alluvial (inactive) A - alluvial (active) E - eolian B - beach	Origin, Morphology or Stratigraphy Tertiary - gln / FR1W - Morphologic modifiers (Lithology - CR) / Slope class
<b>TOPOGRAPHY</b> (lower case letter)	Indicates a complex unit in which more than 80% of the surface area consists of a gravel marine veneer overlying carbonate rock with less than 5 metres relief and slopes less than 5 degrees. Up to 20% of the area consists of carbonate rock outcrop with scattered deposits of marine origin.
p - plain n - rolling h - hummocky r - ridged t - terraced k - kettled f - fan	
<b>HYDROLOGICAL FEATURES</b> (upper case letter)	
D - dissected W - washed B - boulder-covered	Drainin, #swimline (ice direction indicated, not indicated?) Springs/creeks (ice movement in direction of arrow) Fluting (ice direction indicated, not indicated) Moraine ridge Esker (direction of flow assumed, uncertain) Fingo Meltwater channel (large, small) Abandoned beach ridge Escarpment
<b>SLICE CLASS</b> (numeric subscript)	
1 - less than 2 metres 2 - 2 to 20 metres 3 - 21 to 50 metres 4 - greater than 50 metres	Slope Retrospective thaw-flow slide Ice-wedge polygons (areas known to contain ice wedges)
<b>SLOPE CLASS</b> (numeric)	
1 - less than 5 degrees 2 - 5 to 15 degrees 3 - 16 to 35 degrees 4 - greater than 35 degrees	

Refer to extended legend for additional information

