LEGEND

PHANEROZOIC

CENOZOIC

QUATERNARY

RECENT

12 **Man-Made Deposits**
Fill, sewage lagoons, tailings ponds, landfill, wood waste, rock waste

11 **Organic Deposits**
Peat and muck

10 **Modern Alluvial Deposits**
Clay, silt, sand, gravel, commonly contains organic materials, within the active floodplain of rivers and major streams

9 **Colluvial Deposits**
Boulders, scree, talus, undifferentiated landslide materials

8 **Older Alluvial Deposits**
Contained in terrace remnants and abandoned fluvial channels, silt, clay and sand

PLEISTOCENE

7 **Coarse-Textured Glaciolacustrine Deposits**
Sand, gravel, minor silt and clay

- 7a Littoral deposits (shoreline deposits)
- 7b Foreshore and basinal deposits

6 **Fine-Textured Glaciolacustrine Deposits**
Silt, clay, minor sand and gravel, laminations and/or varves common

5 **Cochrane Drift**
Silty clay to sandy silt-textured stone-poor diamicton, commonly calcareous, derived from glaciolacustrine deposits, interbedded with fine-textured (laminated) glaciolacustrine sediments and debris flow deposits

4 **Ice-Contact Stratified Drift**
Sand, gravel, boulders, minor silt, clay and diamicton

- 4a Eskers, kames
- 4b Subaqueous fan

3 **Matheson Till**
Sandy textured till, stone-rich, noncalcareous, often pale grey in colour

2 **Bedrock–Drift Complex in Precambrian Terrain**

2a Primarily till cover
2b Primarily sand and gravel cover
2c Primarily silt and clay cover

PRECAMBRIAN

1 **Bedrock**
Undifferentiated bedrock with a very thin discontinuous veneer of Quaternary sediment

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SYMBOLS[a]

- Geological contact (approximate)
- Ice-contact slope
- Minor moraine crest
- Esker crest (direction of meltwater flow known or inferred)
- Fluvial terrace
- Major iceberg keel mark
- Abandoned fluvial channel (direction of flow inferred)
- Beach ridge
- Drumlin
- Small bedrock outcrop
- Boulders observed within river and stream valleys which may indicate the presence of Matheson Till
- Boulder pile; large accumulation of angular cobble to boulder-sized rock fragments of local origin
- Crag and tail
- Glacial striae; direction of ice movement known or assumed (numbers where present indicate relative ages; 1 = oldest)
- Sand and gravel pit
- Quarry
- Past-producing mine
- Area capped with up to 1 m veneer of peat
- Area capped with 1 to 5 m of fine-textured glaciolacustrine deposits (Unit 6)
- Area capped with 1 to 5 m of Cochrane Drift (Unit 5)
- Roads (primary, secondary)
- Railroads
- Utilities (gas pipeline, transmission line)
- Administrative boundary (township, provincial park)

[a] *This legend applies to Preliminary Maps P.3836 to P.3840. All units may not be present on this map*

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