

AGGREGATE DEPOSITS IN THE
RURAL MUNICIPALITY OF WINCHESTER

Legend

QUATERNARY

POST GLACIAL

7 Swamp deposits; organic muck and peat

PROGLACIAL

6 Lacustrine deposits: formed in Glacial Lake Whitewater

6b > 2m silt and clay; plan surface flat to gently rolling

6a < 2m silt and clay over till, abundant circular ridges 1m high.

5 Meltwater stream deposits: formed primarily by meltwater from stagnating ice flowing off Turtle Mountain; includes alluvial fan and deltaic deposits.

5b predominantly sand and gravel

5a predominantly sand

GLACIAL

4 Ice contact sand and gravel: deposited between and over blocks of dead ice

3 Stagnation moraine:

3b till, hummocks up to 15 m high; includes organics and mud accumulating in Kettle lakes and sloughs.

3a till, on flanks of Turtle Mountain; includes colluvial and alluvial sediments, primarily sand, silt and clay.

2 Ground moraine:

2b till, rolling plain, relief 1 - 3 m

2a till, modified by water erosion, includes minor silt and clay.

1 Corrugated moraine: till, subarcuate ridges, concave northwest, relief 1 - 5 m; includes organic deposits.

Symbols

--- Beach ridge

— Meltwater channel

→ Meltwater stream

⊗ Sand and gravel pit

⊗ Bedrock outcrop

• 900 Field station; sample - S
(Site number prefix: HG)

• 400 Backhoe station; sample - S
(Site number prefix: HB)

• 001 Till section; sample - S
(Site number prefix: HT)

11701 Deposit number

REFERENCES:

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Geology by

H.D. Groom, 1987



This map is a provisional summary of work carried out during the summer field season and is printed directly from the geologist's manuscript. It is not to be regarded as a final interpretation of the geology of the area.

Scale 1:50 000


