

LEGEND

Quaternary

Recent

- 6 COLLUVIUM - slumped material on valley slopes, sand and silt, minor clay
- 5 ALLUVIUM - fine to medium sand, minor silt, clay and organics, localized gravel

Post Glacial

- 4c EOLIAN DEPOSITS - fine to medium sand, duned, derived from littoral and nearshore deposits
- 4b OFFSHORE DEPOSITS - sandy silt occasionally interbedded with clay
- 4a LITTORAL AND NEARSHORE DEPOSITS - silty sand, minor clay
- 3 FLUVIO - LACUSTRINE DEPOSITS - terraced clay and silt

Glacial

- 2b TILL PLAIN - grey calcareous silty clay, < 5% stone, < 5m local relief
- 2a TILL MORaine - grey calcareous silty clay, > 5% stone, > 5m local relief, isolated outwash deposits

Cretaceous

- 1c RIDING MOUNTAIN FORMATION - hard, siliceous grey shale
- 1b VERMILION RIVER FORMATION - various grey to black shale beds, both calcareous and non-calcareous with a series of bentonite beds
- 1a FAVEL FORMATION - grey shale speckled with white calcareous material

Symbols

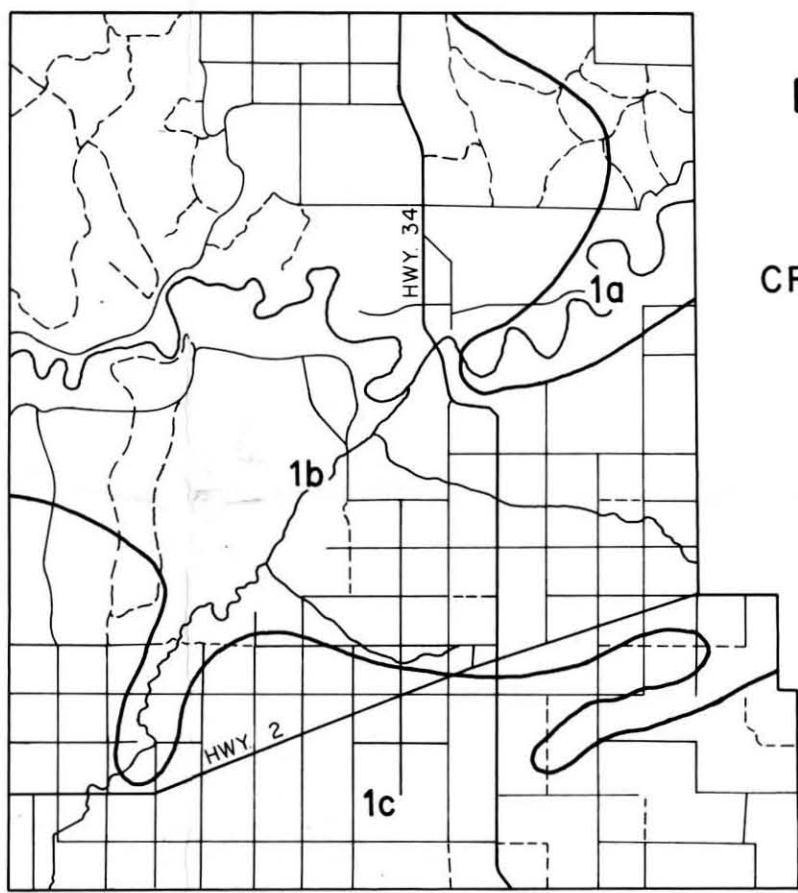
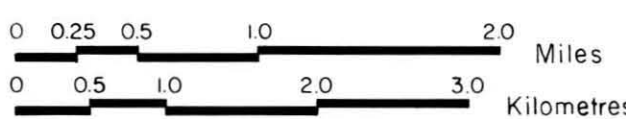
- Geological Boundary
- 7205 Aggregate Deposit Number
- 115S Pit, exposure number, sample *
- 116 Pit, exposure number, no sample *
- 102S Field Station, exposure number, sample *
- 103 Field Station, exposure number, no sample *
- Sand Dunes, wind direction inferred
- Minor Till Ridges
- Meltwater Channel
- Resistivity Line
- Bedrock Outcrop
- Bedrock Quarry

* Exposure numbers are preceded by the letters TP in the report

Aggregate Deposits

- Medium to High Quality - > 25% Gravel Content
- Low Quality - < 25% Gravel Content
- Note: Gravel is classified as material greater than 2mm

Scale 1: 50000



BEDROCK GEOLOGY MAP
(FROM HALSTEAD, 1959)

CRETACEOUS

- 1c RIDING MOUNTAIN FORMATION
- 1b VERMILION RIVER FORMATION
- 1a FAVEL FORMATION

Scale 1: 250 000



SURFICIAL GEOLOGY AND
AGGREGATE RESOURCE INVENTORY
OF THE
RURAL MUNICIPALITY OF VICTORIA

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Map No.

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