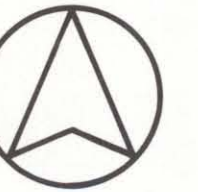


LEGEND



QUATERNARY

HOLOCENE (RECENT)

- 7D** Eroded Channels and Steep Slopes: includes colluvium and landslide material
- 7C** Shallow Swamp Deposits: muck and peat
- 7B** Eolian Deposits: fine sand, derived from lacustrine sediments
- 7A** Alluvium: flood plains and alluvial fans; poorly sorted sand, silt and clay

PLEISTOCENE

GLACIOLACUSTRINE

- 6E** Beach Ridges and Littoral Sand: sand and gravel, sand
- 6D** Lagoonal Deposits: fine sand, silt
- 6C** Deep Water Deposits: clay, silt
- 6B** Deltaic-Fine Offshore Deposits: fine sand, silt; in some cases interbedded with clay
- 6A** Deltaic-Coarse Apex Deposits: sand and gravel, sand; in some cases interbedded with silt

GLACIOFLUVIAL DEPOSITS

- 5** Channel Fill and Terraces: sand with some gravel, poorly sorted sand, silt and clay

PROGLACIAL DEPOSITS

- 4B** Glacial Outwash and Stratified Drift: sand and gravel, sand; interbedded with till in stratified drift deposits
- 4A** Reworked Till: sand and gravel, sand; includes lag concentrates

GLACIAL DEPOSITS

- 3** Till: undifferentiated

TERTIARY (MAY BE EARLY PLEISTOCENE)

- 2** Souris Sand and Gravel

CRETACEOUS

- 1** Shale Bedrock

SYMBOLS

- Geological Boundary
- Sand and Gravel Deposits
- Sand and Gravel Deposit Number
- Existing Pit
- Department of Highways Station
- Department of Highways Station With Sample
- UMA Station
- UMA Station With Sample
- UMA Station Number
- UMA Backhoe Test Pit
- Gradation Range
- Resistivity Line
- Study Boundary



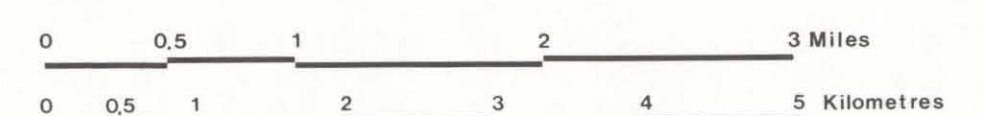
NOTE

- Geology by Underwood McLellan & Associates, Limited
- To accompany the report "SAND AND GRAVEL RESOURCES BRANDON REGION", prepared by Underwood McLellan and Associates, Ltd. for the Department of Mines, Resources and Environmental Management, Province of Manitoba
- Base Map at the same scale published by the Department of Energy, Mines and Resources, Ottawa

MANITOWA
DEPARTMENT OF MINES, RESOURCES
& ENVIRONMENTAL MANAGEMENT

Sand and Gravel Resources of the Brandon Region

Surficial Geology of the Brandon Region



The UMA Group

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