

TP 17

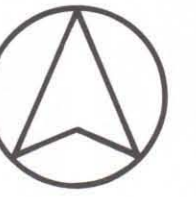
TP 16

TP 15

RGE 24

RGE 23

## 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

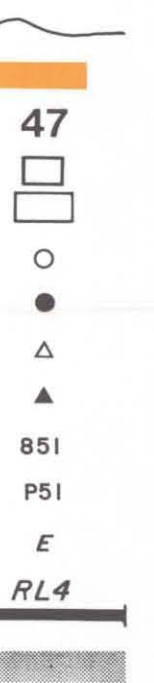
UMA Station Number

UMA Backhoe Test Pit

Gradation Range

Resistivity Line

Study Boundary



## NOTE

Geology by Underwood McLellan & Associates, Limited

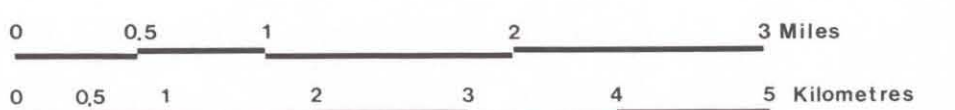
To accompany the report "SAND AND GRAVEL RESOURCES BRANDON REGION", prepared by Underwood McLellan and Associates, Ltd. for the Department of Mines, Resources and Environmental Management, Province of Manitoba

Base Map at the same scale published by the Department of Energy, Mines and Resources, Ottawa



## Sand and Gravel Resources of the Brandon Region

## Surficial Geology of the Brandon Region



The UMA Group

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