

QUATERNARY GEOLOGY OF THE WINNIPEG REGION

Legend

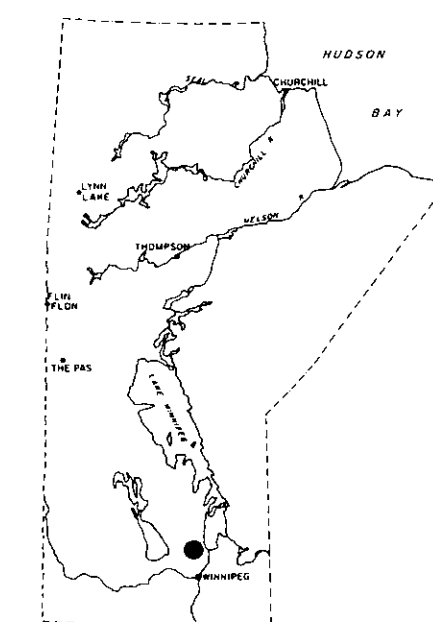
- Postglacial**
- 9a Recent shorelines (sand)
 - 9b Recent shorelines (silt)
 - 8b Dry swamp (peat)
 - 7 Indian sand
 - 6 Alluvium a) clayey silt
b) sandy silt
c) gravel
- Glacial/Quaternary and Late Glacial**
- 5c Sand plain
 - 1) without boulder, cobble or pebble lag
 - 2) with boulder, cobble or pebble lag
 - 5b Lateral sand, shorelines - beach ridges composed of sand
 - 5a Beach ridges composed of gravel or thick lag concentrates
 - 1) sandy coarse pebble gravel
 - 2) sandy fine pebble gravel
 - 3) sandy pebble gravel
 - 4) coarse pebble gravel
 - 5) fine pebble gravel
 - 6) gravelly sand
 - 7) sandy cobbles
 - 8) cobbly sand
 - 4b Silt rich or pebble rich clay
 - 4a Lacustrine clay
- Glacial and Glaciolacustrine**
- 3c Humid/temperated sandy till
 - 1) coarse cobbles pebble gravel
 - 2) interbedded silt and pebble gravel
 - 3) interbedded sand and pebble gravel
 - 4) sand with minor gravel
 - 3b Predominantly calcareous outwash and other sediments
 - 1) coarse cobbles pebble gravel
 - 2) interbedded silt and pebble gravel
 - 3) interbedded sand and pebble gravel
 - 4) sand with minor gravel
 - 3a Silty calcareous till
 - 2b Crystalline and calcareous outwash and other sediments
 - 1) coarse cobbles pebble gravel
 - 2) interbedded silt and pebble gravel
 - 3) interbedded sand and pebble gravel
 - 4) sand with minor gravel
 - 2a Sandy calcareous till
- Bedrock**
- 1b Paleozoic limestone bedrock with zones of weathered drift
 - 1a Precambrian crystalline bedrock with zones of weathered drift

Symbols

- gravel pit
- sand ridge
- deposit number
- station number

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1976 and 1977

REFERENCES: Underwood, McMillan and Associates, 1976, Aggregate Resources of the Winnipeg Region, prepared for the Mineral Resources Division.
Large, P. and Hargrove, S., 1977, Pleistocene Geology of the Winnipeg Region, in WMS Report of Field Activities, 1976.
Hargrove, S., Large, P. and Goulet, P., 1977, in Major Dredge Bearing Pleistocene Deposits in the Winnipeg Region, in: WMS Report of Field Activities, 1977.



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

