

QUATERNARY GEOLOGY OF THE WINNIPEG REGION

Legend

- Postglacial
- 9a Recent shorelines (sand)
 - 9b Marsh sediments (silt)
 - 8b Dry swamp (peat)
 - 7 Holocene sand
 - 6 Alluvium - clayey silt
 - 5a sandy till
 - 5b gravel
- Glacial and Late Glacial
- 5c Sand plain
 - 1) without boulder, cobble or pebble lag
 - 2) with boulder, cobble or pebble lag
 - 5b Littoral sand, shorelines - beach ridges composed of sand
 - 5a Beach ridges composed of gravel or till or till 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 Undifferentiated sandy till
 - 3b Predominantly calcareous outwash and esker sediments
 - 1) coarse cobble 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 esker sediments
 - 1) coarse cobble 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 some of weathered drift
 - 1a Precambrian crystalline bedrock with some of weathered drift

Symbols

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

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REFERENCES: Underwood, McMillan and Associates, 1976, Aggregate Resources of the Winnipeg Region, prepared for the Mineral Resources Division.
Large, P. and Ringrose, S., 1977, Pleistocene Geology of the Winnipeg Region, in 1977 Report of Field Activities, 1976.
Ringrose, S., Large, P. and Gussak, F., 1977, in Major Gravel Bearing Pleistocene Deposits in the Winnipeg Region, in: *Manitoba Mining Atlas*, Report of 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.

