

- ### LEGEND
- POST GLACIAL**
- SWAMP; MARSH; BOG
  - ALLUVIUM: recent flood plain and/or valley fill deposits—mainly silt and clay with minor sand and gravel.
- GLACIAL**
- TILL: unsorted clay, silt, sand, gravel and boulders.
  - LACUSTRINE SILT AND CLAY: deep water Lake Agassiz deposits.
  - SAND: SAND AND GRAVEL: glacio-fluvial, deltaic, littoral or beach deposits.
- PRE GLACIAL**
- BEDROCK: includes areas with thin or scattered surficial cover.

**SOURCES OF INFORMATION:**

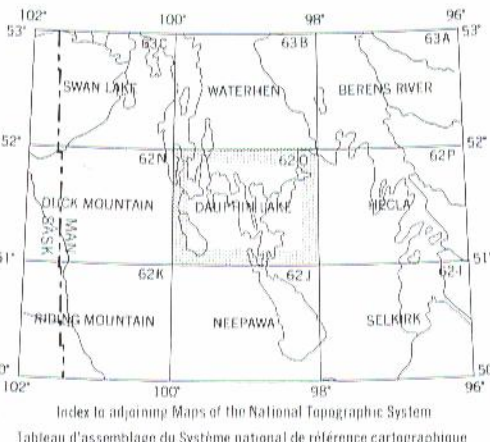
MILLS, G.F. and R.E. SMITH, 1971. Soils of Grahamdale Area, Manitoba Soil Survey, Soil Report No. 16.

MILLS, G.F. and R.E. SMITH, 1981. Soils of the Stn. Rose Du Lac Area, Manitoba Soil Survey, Soils Report No. 31.

SMITH, R.E. et al. 1975. Soils of the Rose-Rose-Washow Bay Area, Manitoba Soil Survey, Soils Report No. 19.

PRATT, L.E. et al. 1961. Report of Detailed Reconnaissance Soil Survey of Fisher and Tondar Map Sheet Areas, Manitoba Soil Survey, Soils Report No. 12.

Prepared by: R.N. Belcher, 1986



Magnetic declination 1975 varies from 12°05' easterly at centre of west edge to 10°04' easterly at centre of east edge. Mean annual change decreasing 0.5° Westerly.

Base Map by: Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa.

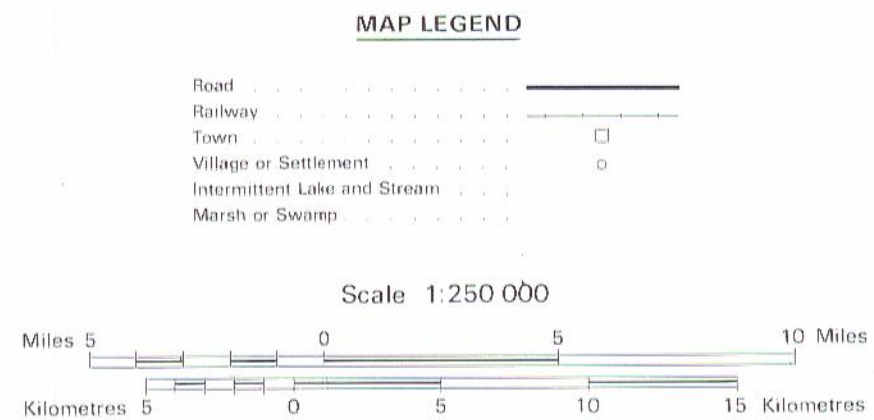
PROVINCE OF MANITOBA  
DEPARTMENT OF NATURAL RESOURCES  
WATER RESOURCES BRANCH

**GROUNDWATER AVAILABILITY STUDY**

**DAUPHIN LAKE AREA**

**SURFICIAL GEOLOGY**

**FIGURE 3**



Cartography by: Water Resources Branch, Manitoba, 1986/87

"A Canada- Manitoba Interim Subsidiary Agreement on Water Development for Regional Economic Expansion and Drought Proofing Project"