

LEGEND

- PRECAMBRIAN
- 7** Granite, granodiorite, quartz diorite; largely massive, in part gneissic; undivided granitic rocks; may contain areas of older rocks; in part overlain by rocks of map-unit 3
 - 5** Complex of granitized sedimentary gneiss and schist; injection gneiss, migmatite. Includes granitized parts of the Kisseynew complex, gneisses derived from Sickle, Wasekwan, Rice Lake, Hayes River, Oxford, Cross Lake, and Pre-Assean sediments. Includes some metamorphosed and granitized volcanic rocks
 - 4** Sedimentary gneiss and schist containing subordinate granitic material. Includes non-granitized Kisseynew gneisses and similar gneisses within the Churchill geologic province
 - 2** Greywacke, sub-greywacke, argillite, slate, quartzite, tuff, iron-formation; in part altered to schist and gneiss. Includes Missi series and sedimentary rocks of the Rice Lake group, Hayes River series and Wasekwan series, subordinate volcanic rocks

Geological contact
Limit of geological mapping

Geology derived from the 1:1,267,200
Geological Map of Manitoba

Geological cartography by the Geological Survey of Canada

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map assembled by the Geological Cartography Unit from maps published at the same scale by the Army Survey Establishment, R.C.E. in 1963

Copies of the topographical maps covering this map-area may be obtained from the Canada Map Office

Mean magnetic declination 1976, 15°56.7' East, decreasing 5.1' annually. Readings vary from 14°15.6' in the SE corner to 19°04.2' in the NW corner of the map-area

Elevations in feet above mean sea-level

OPEN FILE 322
by
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Geological Survey of Canada

Geochemistry and Federal-Provincial coordination by E.H.W. Hornbrook
Analytical chemistry by J.J. Lynch
Data monitoring and compilation by R.G. Garrett and N.G. Lund
Cartography and base compilation by Geological Cartography Section

Manitoba, Mineral Resources Division

Federal-Provincial coordination by J.F. Stephenson
Geological Base Map, Geological Map of Manitoba - Map 65-1

Contractors

Sample collection by Trigg, Woollett & Associates Ltd.
Chemical analyses by Chemex Labs Ltd.

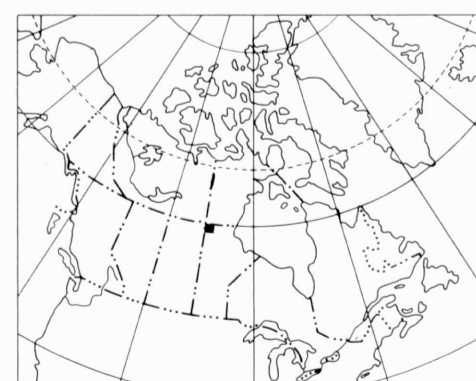
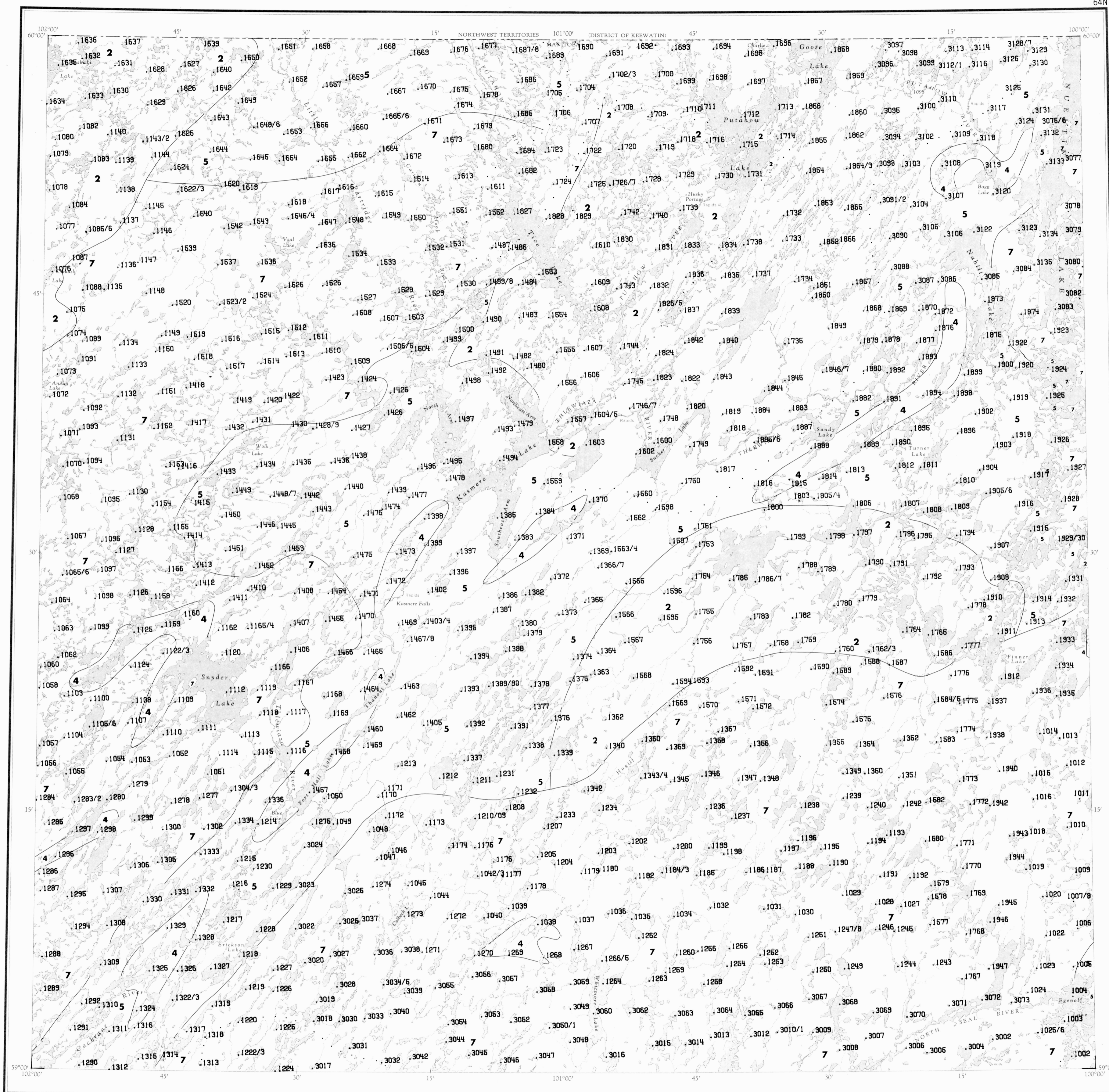
Sample numbers as shown on the map should be prefixed by the year number, 75, and the 1:250 000 scale NTS map sheet number, e.g.:

1008 is equivalent to 64N .. 751008

This map forms one of a series of 14 sheets released under Geological Survey of Canada Open File 322. The open file consists of data for 12 elements, percent loss on ignition and sample site location.

The data is also available in digital form from the Computer Science Centre of the Department of Energy, Mines and Resources. For further information please contact:

The Director,
Computer Science Centre,
Department of Energy, Mines and Resources,
Ottawa, Ontario K1A 0E4.



SAMPLE NUMBERS AND LOCATIONS IN LAKE SEDIMENTS

CANADA - MANITOBA SUBSIDIARY AGREEMENT ON MINERAL EXPLORATION AND DEVELOPMENT

NATIONAL GEOCHEMICAL RECONNAISSANCE

Scale 1:250,000

Kilometres 6 0 6 12 18 Kilometres

Miles 4 0 4 8 Miles

Universal Transverse Mercator Projection

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64N	64O	64P
O.F. 322	O.F. 323	
64K	64J	64I
O.F. 321	O.F. 320	
64F	64G	64H

OPEN FILE 322
SAMPLE NUMBERS AND LOCATIONS
NATIONAL GEOCHEMICAL RECONNAISSANCE
MANITOBA 1975

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