




Geological contact (defined or approximate, assumed) .. 
 Fault
 Limit of geological mapping 
 Sand and silt, or drift covered areas 

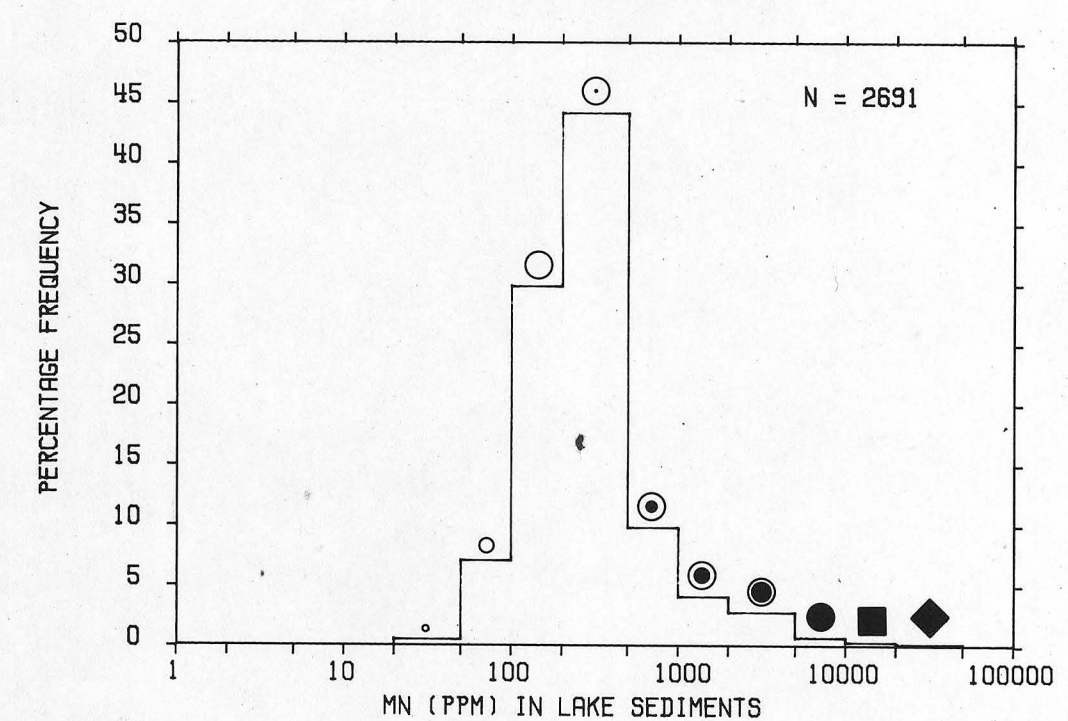
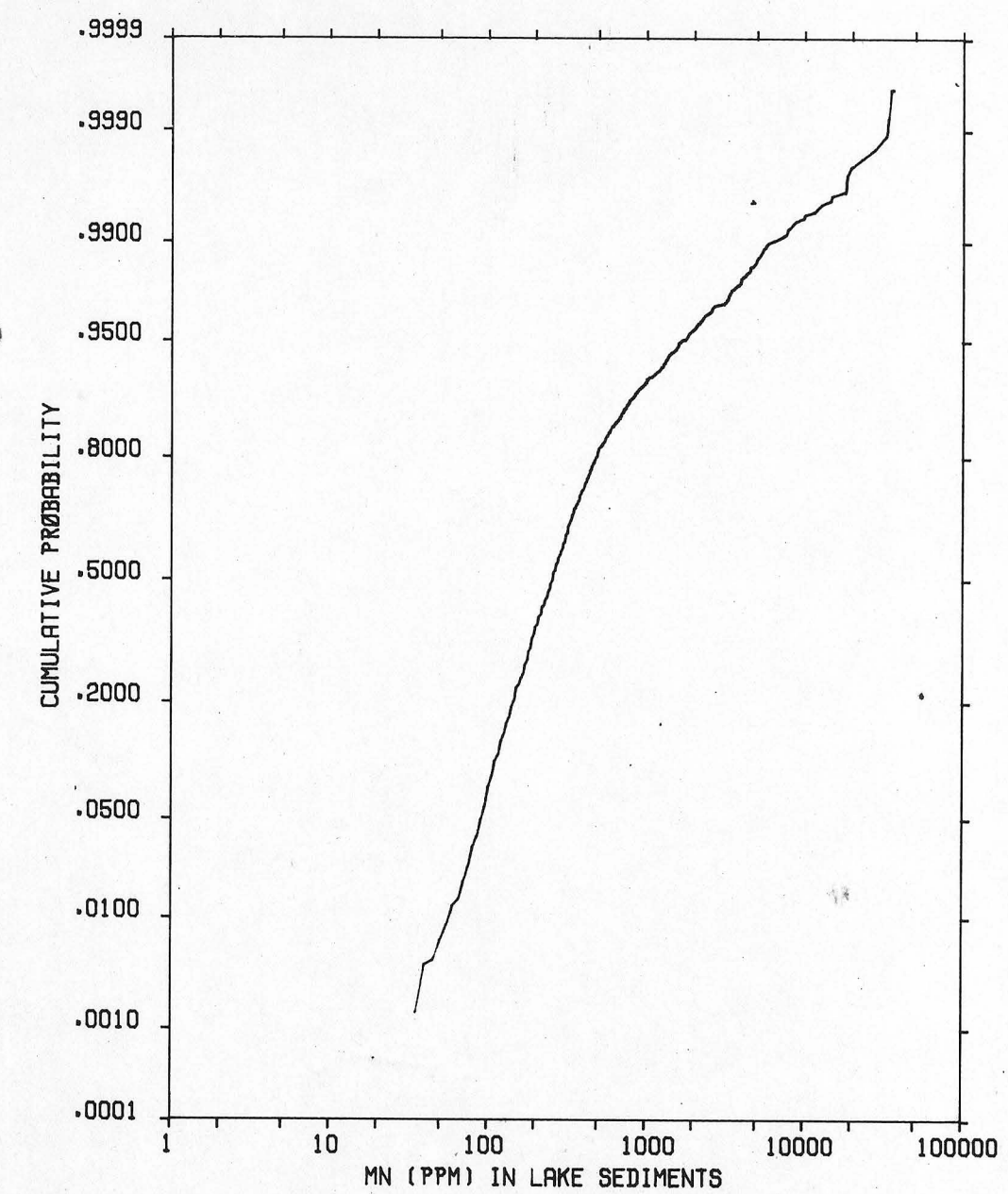
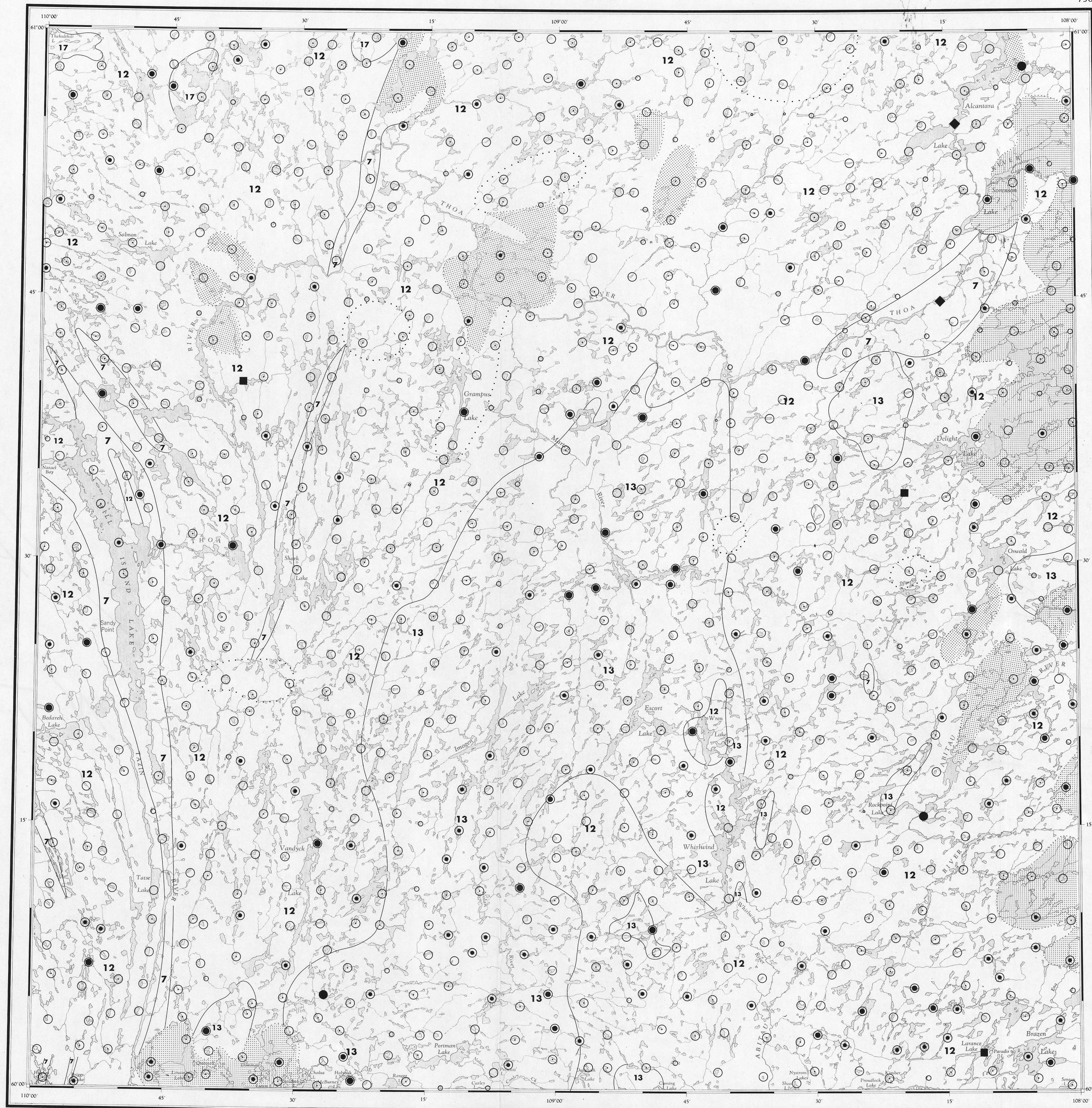
Geological cartography by the Geological Survey of Canada

Geochemical Symbols and Data Presentation

The data distributions are depicted using both a cumulative probability plot and a histogram. It should be noted that if the survey covers several map sheets the distribution displays are for the total survey data, not the single sheet being studied. The data intervals used for the histogram are semi-logarithmic, e.g. 1,2,5,10,20,50,100 etc., due to the apparent log-normal characteristic of most trace element distributions. The symbols cover 5 decades, e.g. 1 ppm to 100,000 ppm, the data intervals. As this map is part of a Canada wide series these arbitrary intervals have been chosen to preserve some long-term continuity, however, based on experience at the Geological Survey, we believe them to be an appropriate compromise.

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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, $26^{\circ}04.5'$ East, decreasing
7.6' annually. Readings vary from $24^{\circ}40.0'$ in the SE
corner to $27^{\circ}30.6'$ in the NW corner of the map-area

Elevations in feet above mean sea-level

Contractors

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

Chemical analyses by Chemex Labs Ltd., and Atomic Energy of Canada Ltd., Commercial Products Division

This map forms one a series of 42 sheets released under Geological Survey of Canada Open File 324. The open file consists of data for 12 elements, percent loss on ignition and sample site location, each variable requiring 3 sheets for the total survey area.

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.

OPEN FILE 324
MANGANESE
NATIONAL GEOCHEMICAL RECONNAISSANCE
NORTHWEST TERRITORIES, 1975