

- 32** Diabase, quartz diabase, gabbro, diorite
- 28** ET-THEN GROUP: conglomerate, sandstone, quartzite
- 27** Granite, granodiorite, diorite, syenite, porphyritic (quartz and feldspar) felsites
- 19** GREAT SLAVE GROUP (Upper Part)-STARK, TOCHATWI, and PEARSON FORMATIONS: dolomite, limestone, shale, argillite, sandstone, andesite, basalt, trachyte
- 17** NONACHO GROUP: arkose, quartzite, slate, greywacke, conglomerate; minor volcanic rocks, phyllite and schist
- 14** GREAT SLAVE GROUP (Lower Part)-SOSAN, KAHOCHELLA, and PETHEI FORMATIONS: conglomerate, sandstone, quartzite, shale, slate, argillite, arkose, limestone, dolomite, tuff, breccia, agglomerate, andesite, iron formation
- 13** Granodiorite, granite, quartz diorite, syenite; includes some gneissic rocks; 13c, may include Proterozoic granitic rocks
- 12** Impure and gneissic granitic rocks, sedimentary and volcanic schist and gneiss, mixed sedimentary and granitic schist and gneiss, migmatite, mylonite. May include minor Proterozoic rocks
- 7** TAZIN GROUP: andesite, dacite, rhyolite, tuff, agglomerate, greywacke, arkose, quartzite, argillite, slate, limestone, quartz-mica schist
- 4** Hornfels, nodular quartz-biotite schist, quartzite, siliceous argillite, minor paragneiss and migmatite
- 1** Basalt, andesite, tuff, agglomerate, chert, breccia; derived schist and gneiss; minor dacite and rhyolite

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

Geology derived from the 1:1,267,200
 Geological Map of the District
 of Mackenzie, Northwest Territories
 Map 1055A

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

OPEN FILE 324

by
 E.H.W. Hornbrook, R.G. Garrett and J.J. Lynch

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 Carto-
 graphy Section

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°04.5' East, decreasing
 7.6' annually. Readings vary from 24°40.0' in the SE
 corner to 27°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

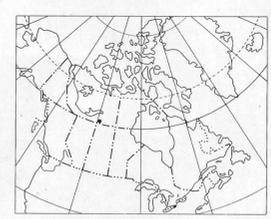
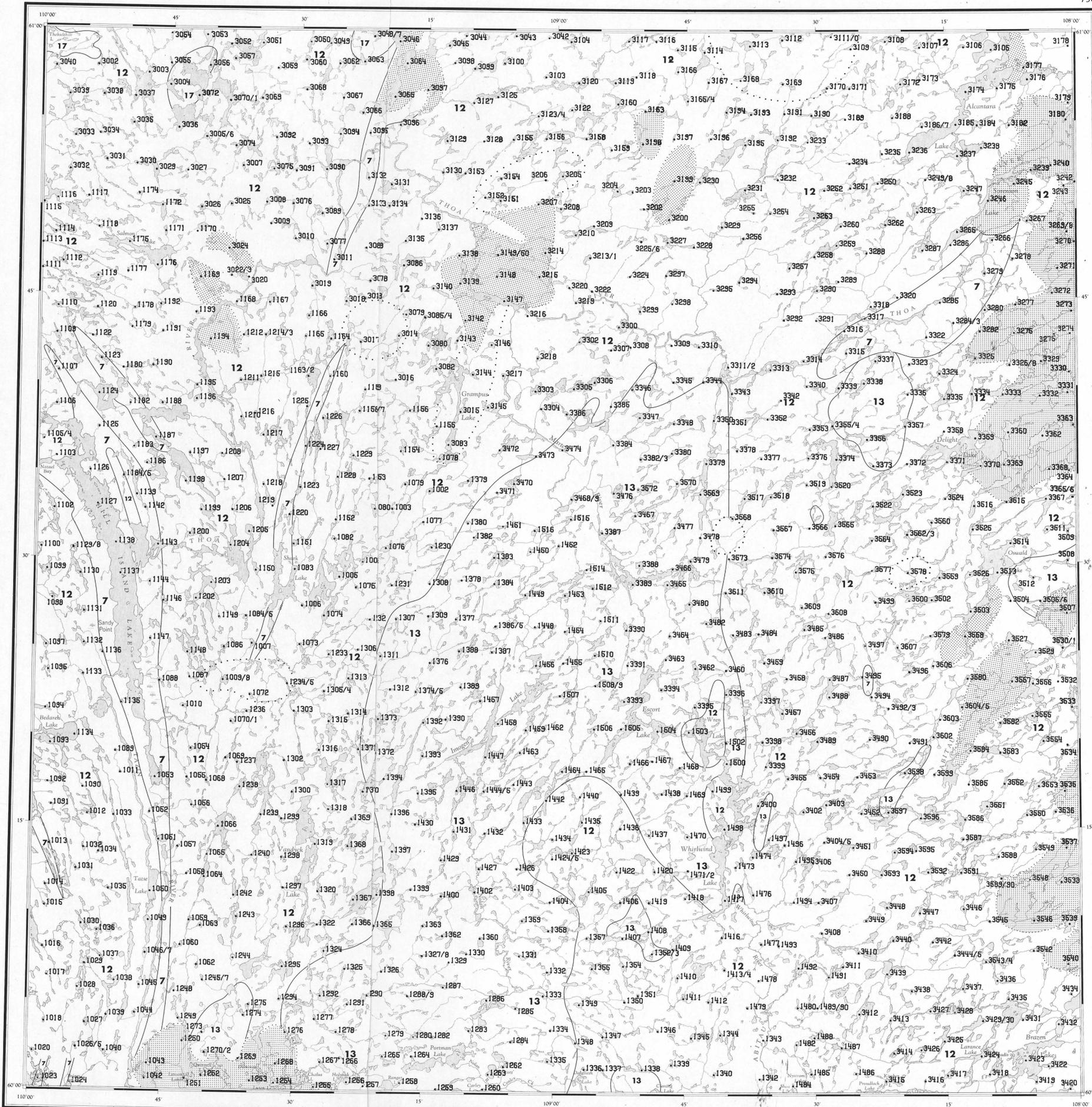
This map forms one of a series of 42 sheets released
 under Geological Survey of Canada Open File 324. The open
 file consists of data for 12 elements, percent loss on
 ignition and sample site location, each variable requiring
 3 sheets for the total survey area.

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.

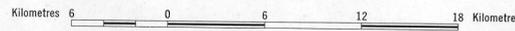
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SAMPLE NUMBERS AND LOCATIONS IN LAKE SEDIMENTS
 URANIUM RECONNAISSANCE PROGRAM
 NATIONAL GEOCHEMICAL RECONNAISSANCE

Scale 1:250,000



Universal Transverse Mercator Projection
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75L	75K	75J
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 SAMPLE NUMBERS AND LOCATIONS
 NATIONAL GEOCHEMICAL RECONNAISSANCE
 NORTHWEST TERRITORIES, 1975