

HORNBY BAY GROUP

- 6b** Dolomite
- 6a** Sandstone, conglomerate
- BEAR BATHOLITH PLUTONIC ROCKS
- 5e** Hornblende diorite and quartz diorite
- 5d** Biotite granite
- 5c** Biotite-hornblende quartz monzonite
- 5b** Hornblende-biotite granodiorite
- 5a** Hornblende monzonite, syenodiorite and syenite
- FELSITIC INTRUSIVE ROCKS
- 4d** Alkali feldspar-plagioclase-quartz megaporphyry
- 4c** Plagioclase-hornblende porphyry
- 4b** Plagioclase-quartz porphyry
- 4a** Quartz-plagioclase-alkali feldspar porphyry
- 3** SLOAN RIVER GROUP: Acid to intermediate volcanic extrusives and ignimbrites, and mixed clastic sedimentary rocks
- 2** VOLCANIC AND SEDIMENTARY ROCKS: Acid to basic volcanic extrusives, acid to intermediate ignimbrites and tuffs, and mixed clastic sedimentary rocks
- 1** HEPBURN BATHOLITH, BASEMENT ROCKS: Massive and gneissic granitoid rocks, amphibolite, paragneiss

Geological contact (defined, approximate)
Fault

Geology for Sheet 86K derived from Sloan River Map Area, Paper 76-1A by P.F. Hoffman, I.R. Bell and R. Tirrul

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 327

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

Base-map assembled by the Geological Cartography Unit from maps published at the same scale by the Army Survey Establishment, R.C.E. in 1961

Mean magnetic declination 1976, 40°15.0' East, decreasing 9.6' annually. Readings vary from 39°08.4' in the SE corner to 41°20.4' in the NW corner of the map area

Elevations in feet above mean sea-level

Contractors

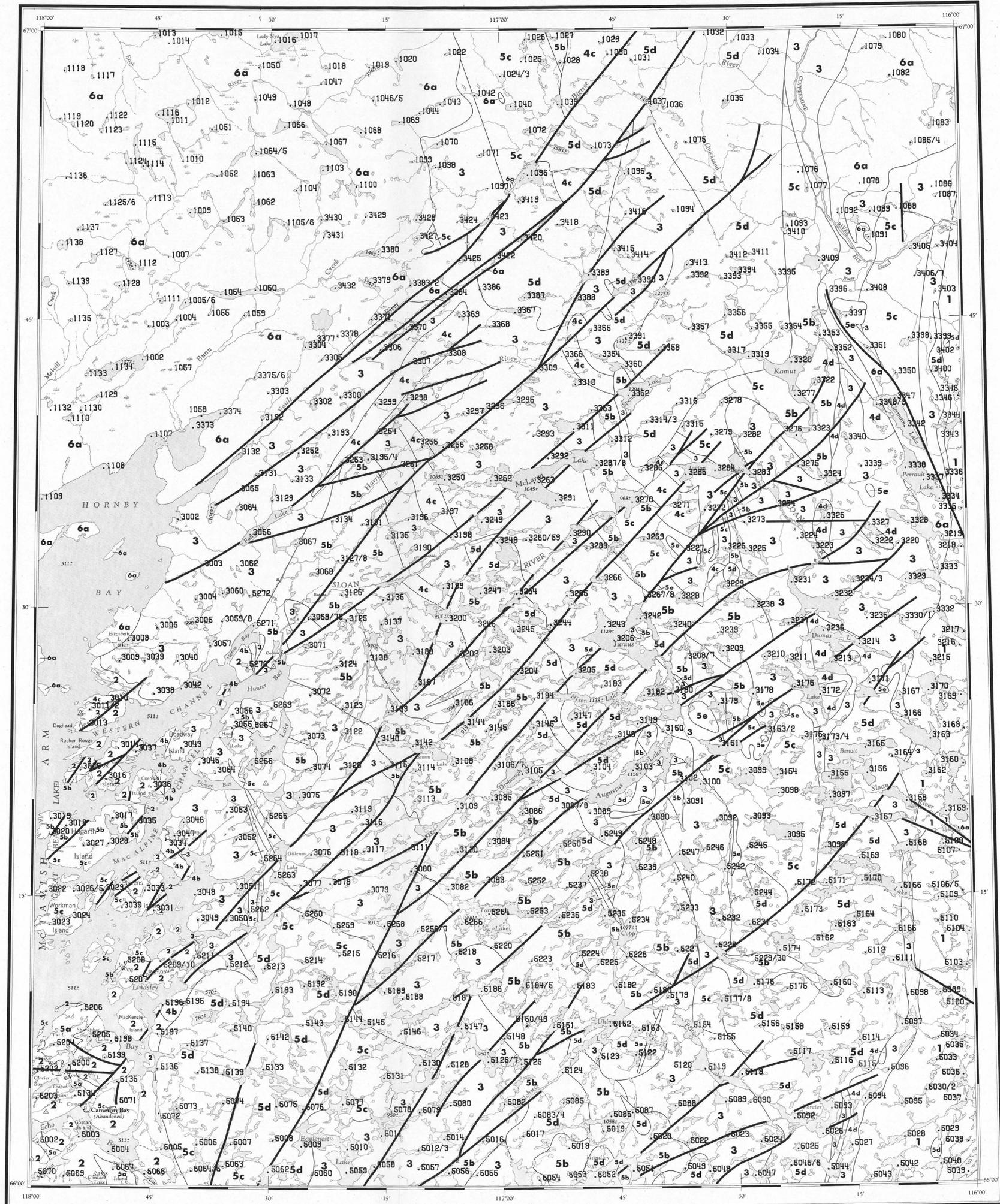
Sample collection by Trigg, Woollett & Associates Ltd.
Chemical analyses by Chemex Labs. Ltd.

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

This map forms one of a series of 28 sheets released under Geological Survey of Canada Open File 327. The open file consists of data for 12 elements, percent loss on ignition and sample site location, each variable requiring 2 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.



SAMPLE NUMBERS AND LOCATIONS IN LAKE SEDIMENTS

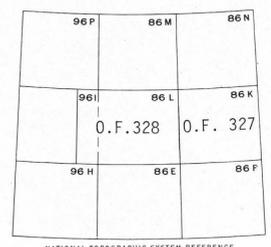
URANIUM RECONNAISSANCE PROGRAM
NATIONAL GEOCHEMICAL RECONNAISSANCE

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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OPEN FILE 327
SAMPLE NUMBERS AND LOCATIONS
NATIONAL GEOCHEMICAL RECONNAISSANCE
NORTHWEST TERRITORIES, 1975

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