

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
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 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

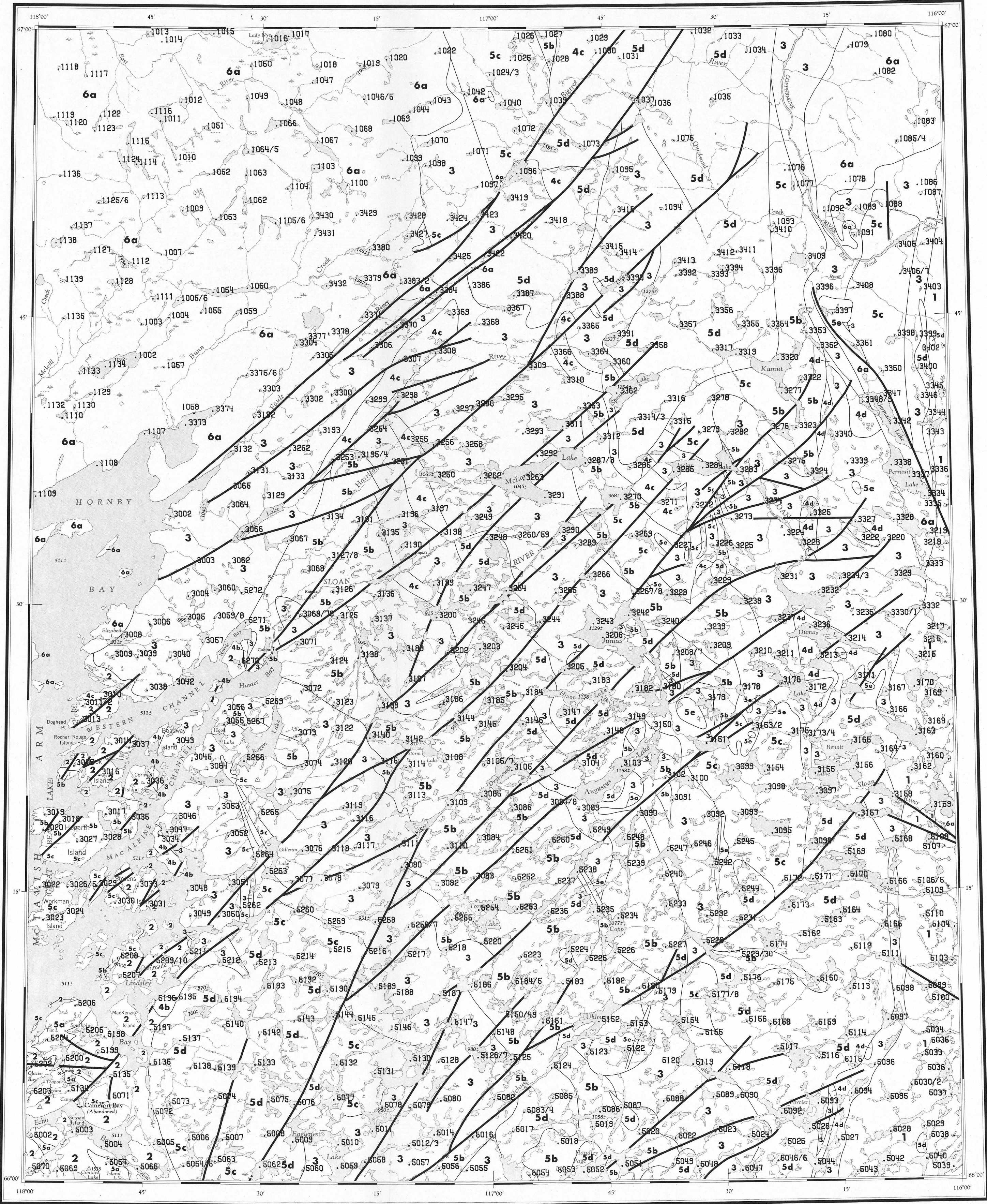
This map forms one of a series of 28 sheets released
under Geological Survey of Canada Open File 327. The open
file consists of data for 12 elements, percent loss on
ignition and sample site location, each variable requiring
2 sheets for the total survey area.

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.

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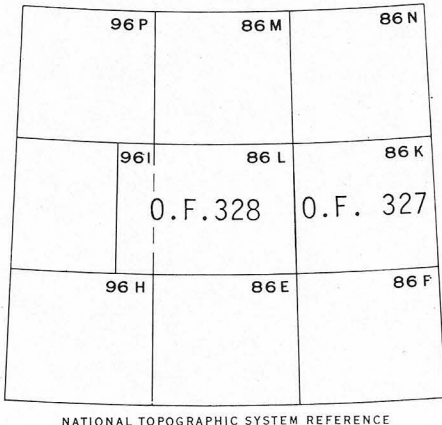
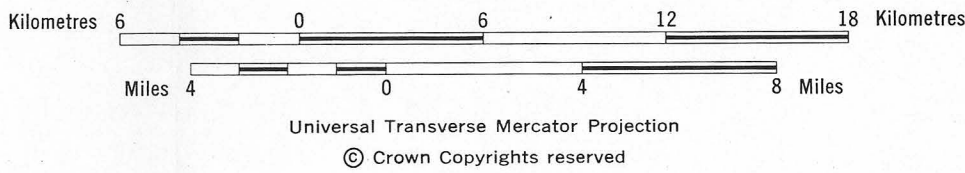


SAMPLE NUMBERS AND LOCATIONS IN LAKE SEDIMENTS

URANIUM RECONNAISSANCE PROGRAM

NATIONAL GEOCHEMICAL RECONNAISSANCE

Scale 1:250,000



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