Canada
Department of Energy, Mines and Resources
Geological Survey of Canada

LEGEND

Note: This legend is common to National Geochemical Reconnaissance Map 9-1979, Open File 613; Map10-1976, Open File 414 and Map11-1976, Open File 415

MELVILLIAN

[illegible]	Gabbro, meta-gabbro and diabase dykes [GBRM]
31	Granite, quartz monzonite and granodiorite (Nueltin Lake granite) [GRNT]

ARCHEAN

19	Granite, quartz monzonite and granodiorite [GZMC]
18	Lithic greywacke to subgreywacke [SBGK]
18	Conglomerate [CGLM]
17	Arkose to subgreywacke [ARKS]
16	Lalitho, quartz latitho,dacite and tuff [DCIT]
15	Paragneiss, panaschist, calc-silicate bands derived from 14 [SMRC]
14	Undivided 11, 12 and 13 [SMRU]
13	Dolomite, limestone and minor argillite, phyllite [SMRK]
12	Gabbro sills [GBRS]
11	Argillite, phyllite, greywacke, some minor dolomite [SMRK]
10	Quartzite, orthoquartzite [QRQZ]
9	Greywacke-conglomerate, greywacke, protoquartzite [LCAR]

ARCHEAN

[illegible]	Meta-gabbro dykes [MGBR]
7	Quartz monzonite, granodiorite and granite; massive to foliated [GZMC]
6	Diorite and gabbro [DORT]
5	Grey biotite granodiorite gneiss [GGNS]
4	Paragneiss, minor paraschist [PRGS]
3	Amphibolite, amphibolite gneiss [AMPB]
2	Greywacke, greywacke-conglomerate, argillite, phyllite, minor tuff [GRCK]
1	Meta-volcanic rocks [MVCC]

Drift covered area.....
Geological contact.....
Fault.....
Limit of geological mapping.....
Eskers (direction of flow known).....
Mineral occurrence.....mx

Legend modified and geology derived for the geochemical map by R.G. Garrett from maps 24-1970, 3-1972 and 4-1972 and G.S.C. Paper 74-54 BY. K.E. Eade

Geological cartography by the Geological Survey of Canada

Base-map at the same scale published by the Mapping and Charting Establishment, M.C.E., 1963

Mean magnetic deklination 1977, 16°25.5'E decreasing 4.8' annually. Readings vary from 14°35.4' in the SE corner to 18°22.2' in the NW corner of the map area

Elevation in feet above mean sea-level

Geological Survey of Canada, Ottawa

Geochemistry by E.H.W. Hornbrook
Analytical chemistry by J.J. Lynch
Data monitoring by R.G. Garrett, N.G. Lund and D.J. Ellwood

Contractors

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

This map forms one of a series of 45 sheets released under Geological Survey of Canada, Open Files 413, 414, 415. The Open Files consists of data for 11 elements each for lake sediments, percent loss on ignition, two elements for lake waters and sample site location

The data are also available in digital form. For further information please contact:

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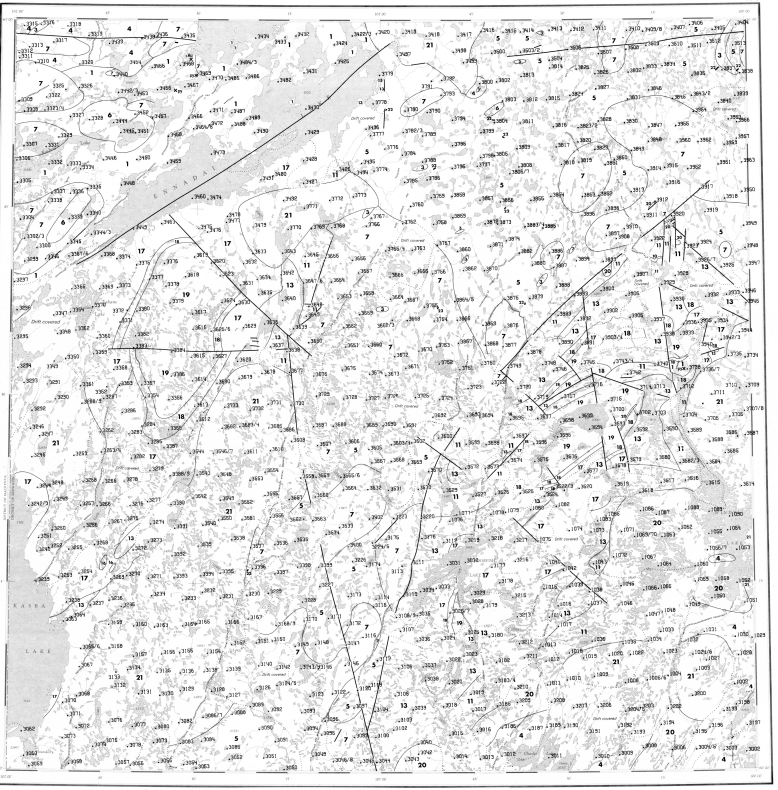

INDEX MAP

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 11-1976
OPEN FILE 415
SOUTHERN DISTRICT OF KEEWATIN N.W.T., 1976
SAMPLE LOCATIONS

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 11-1976

SAMPLE LOCATIONS

URANIUM RECONNAISSANCE PROGRAM

Scale 1:250,000

Kilometres 6 4 2 0 12 16 Kilometres
Miles 4 2 0 4 8 Miles

Universal Transverse Mercator Projection

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