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

LEGEND

Note: This legend is common to National Geochemical Reconnaissance Map 9-1976, Open File 413; Map13-1976, Open File 414 and Map 11-1976, Open File 415

HELIKIAN

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

APHEBIAN

20	Granite, quartz monzonite and granodiorite [QZMZ]
19	Lithic greywacke to subgreywacke [SBGK]
18	Conglomerate [CGLM]
17	Arkose to subgreywacke [ARKS]
16	Latite, quartz latite, dacite and tuff [DCIT]
15	Paragneiss, paraschist, calc-silicate bands derived from 14 [SMRK]
14	Undivided 11, 12 and 13 [SMRK]
13	Dolomite, limestone and minor argillite, phyllite [SMRK]
12	Gabbro sills [GBRR]
11	Argillite, phyllite, greywacke, some minor dolomite [SMRK]
10	Quartzite, orthoquartzite [QRQZ]
9	Greywacke-conglomerate, greywacke, protoquartzite [LCWK]

ARCHEAN

8	Meta-gabbro dykes [MGBR]
7	Quartz monzonite, granodiorite and granite; massive to foliated [QZMZ]
6	Diorite and gabbro [DORT]
5	Grey biotite granodiorite gneiss [GDNG]
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 areas
Geological contact
Faults
Limit of geological mapping
Eskers (direction of flow known)
Mineral occurence ×

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., 1966

Mean magnetic declination 1977, 29°18'E decreasing 2.4' annually. Readings vary from 29°22.8' in the SE corner to 29°13.4' 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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NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 9-1976
OPEN FILE 413
SOUTHERN DISTRICT OF KEEWATIN N.W.T., 1976
SAMPLE LOCATIONS

INDEX MAP

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 9-1976
SAMPLE LOCATIONS
URANIUM RECONNAISSANCE PROGRAM

Scale 1:250,000

Kilometres 6 0 6 12 18 Kilometres
Miles 4 2 0 4 8 Miles

Universal Transverse Mercator Projection
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NATIONAL TOPOGRAPHIC SYSTEM REFERENCE