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- LEGEND**
- Gobies, minnows and related species [SOM]
 - Gobies, spiny minnow and gizzard shad [Hartlaub's Lake chub] [GEM]
 - Crayfish [C. hoyi]
 - Gobies, spiny minnow and gizzard shad [SOM]
 - Crayfish [C. hoyi]
 - Herring, alewife, lake whitefish [Oncorhynchus mykiss]
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 - Herring, alewife, lake whitefish [Oncorhynchus mykiss]
 - Shallow, fluctuating water crabs, amphipods [Mysid]
 - Non-pelagic fish [POM]
 - Baltic herring, gizzard shad and gulf menhaden, juvenile to matured [GEM]
 - Baltic herring [POM]
 - Gray knifefish [Muraenidae] [POM]
 - Parapercis, silver shovelnose [POM]
 - Porcupine fish, ocean sunfish [POM]
 - Sardines [POM]
 - Mysidids, phytozoa, protists, some larval arthropods [BOM]
 - Baromimic organisms [BOM]
 - Bryozoans [Benthos], benthic foraminifera [BOM]
 - Micropelagic fauna [BOM]
 - Deltoid crabs [BOM]
 - Arctozenus riukiunensis
 - Trifoliate, crimped [Flow lines] [Mineral occurrence]

Logon modified and design derived for the pocketbook map by R. D. Garrett
From maps 24-105, 24-102 and 15-105 and G.S.C. Paper 74-137-01, E.L. Lake

Geological cartography by the Geological Survey of Canada

Basinages at the same scale published by the Mapping and Charting Establishment, R.C.E., 1953

Mean magnetic declination 1957, 10°23' S. decreases 4.0° annually. Readings vary from 14935.4" in the SE corner to 14972.2" in the NW corner of the map area.

Elevation in feet above mean sea-level!

Semimetric Symbols and Data Presentation

The concentration of an element at a sample site is graphically represented as a symbol. The symbol is placed on the map at the point where the site is plotted. The symbols are systematically arranged so that they first increase in size as the value increases, and then decrease again as the values approach the detection limit. The two small crosses at the low end of the scale are used to respectively denote concentrations which are greater than the detection limit, but do not satisfy the detection threshold. The data are presented on a semi-logarithmic scale. Log-log plots are also used to show the distribution of the data. In this fashion it has been chosen for the constituents of Canada wide series of maps constituting the national coverage.

The choice of symbols and the data scales, they represent for any specific element, are determined by the characteristics of the element and the field survey data from sea, or sea coasts, open file sheets covered in the Field Information System (FIS), the data from the lakes, rivers and streams, and the ground truth samples collected by the various programs. In this presentation, this great variety usually reflects the nature of the data as defined by the S.G.C. plan. The choice of symbols and data scales, however, is not unique to this presentation. They are chosen as an attempt to achieve an appropriate graphical presentation. An example of all three types of graphs is given below.

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To comprehensively study an area, all available geological, environmental and biological data are collected and integrated. The data sets can be as diverse as a single point sample of soil or water, a sample of bottom sediments or a fish net sample. They are imposed by constructing new data subsets and deriving local threshold levels, based on the individual data set characteristics.

The true reliability factor and value that appears below the value is an estimate of the reliability of the data as derived by the analyst.

Sampling 51 of 103 lake sampled it can be stated that there is a 99% chance that 1 to 5 lakes sampled would have values within 10% of the true value if the sampling was continued until the 103rd sample was taken.

The data are used to estimate the true reliability factor and value by the analyst.

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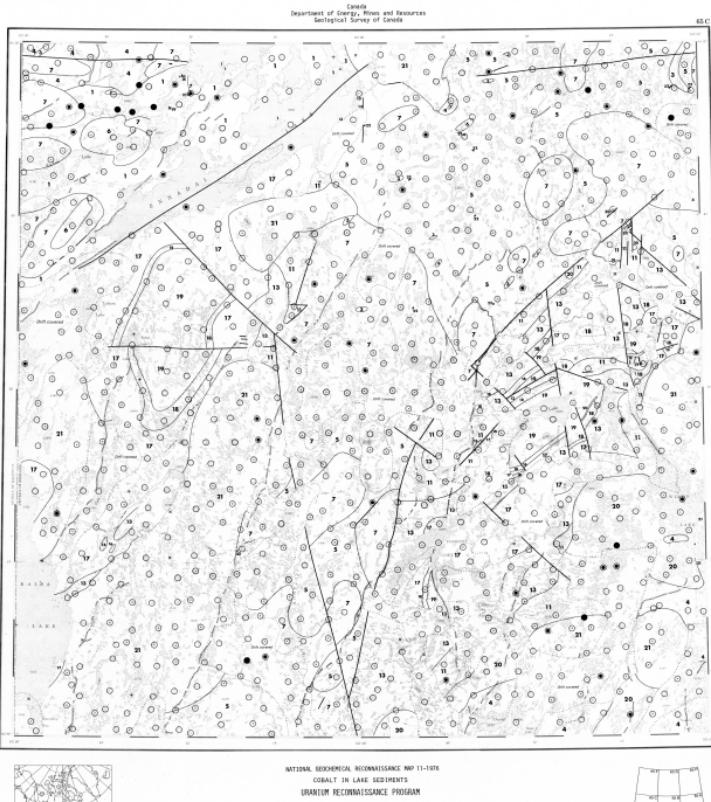
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NATIONAL GEOCHEMICAL RECONnaissance MAP 11-1076

Cobalt in lake sediments

URANIUM RECONnaissance PROGRAM

Scale 1:250,000

Kilometre
Mile
Kilometre
Mile

(Dotted) Reconnaissance Program
(Open) Geologic Survey Areas

The last column selected from the original map
represent relative concentration of each element.

Geologic Survey Areas

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

The Director,
Resource Geology Section,
Department of Energy, Mines and Resources,
Ottawa, Ontario K1A 0E6

NATIONAL GEOCHEMICAL RECONnaissance MAP 11-1076
OPEN FILE 415
SOUTHERN DISTRICT OF ASIATON N.W.T., 1976

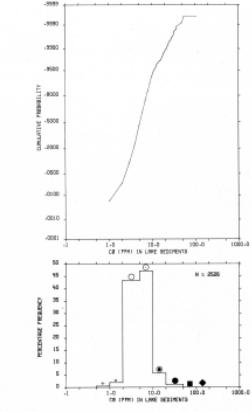


Table of Thresholds by Major Geological Units

Lithology	No. of Samples	Mean	S.D.	C.V.%	Threshold
SOM	320	9.5	0.3	3.2	20
BOM	610	8.0	0.4	4.9	20
TM	26	9.5	1.5	31	20
TM	24	9.0	1.5	17	20
ARCT	45	4.8	0.4	8.3	20
ARCT	165	5.2	0.4	7.6	20
DRZ	25	11.3	4.5	37	30
DRZ	25	11.3	4.5	37	30
DRZ	4	5.5	2.3	41	-
DRZ	4	5.5	2.3	41	-
DRZ	402	5.4	4.4	80	-
PRC	105	4.9	3.5	35	30
PRC	492	5.9	3.5	53	30
DRZ	508	11.3	3.3	32	40
DRZ	14	11.3	3.3	32	35
Unknown	561	6.3	3.4	54	30

Data units are ppm Reliability Factor = 1.38

NATIONAL GEOCHEMICAL RECONnaissance MAP 11-1076

OPEN FILE 415

Resource Geophysics and Geochemistry Division

Geological Survey of Canada, Ottawa

Geophysics by J.W. Norwood
Analytical by W.M. McNeill, C.L. Thompson
Data monitoring by R.D. Garrett, H.J. Lund and D.J. Etchell

Geostatistics

Sample collection by Tripp, Maclellan & Associates Ltd.
Geostatistics by P. Charette, L. Fourtelle
Chemical analyses by Chemex Lab Ltd.

This map forms one of a series of 45 sheets released under Geological Survey of Canada, Open File 414, 415, 416, 417, 418, 419. The Open File consists of five parts: a map, a data sheet, a geostatistic summary sheet, a data quality check sheet and a geostatistic summary sheet.

Sample locations are based on the regional map
and are shown as open circles.

Sample numbers are based on the regional map
and are shown as open squares.

Data quality check numbers are based on the regional map
and are shown as open triangles.

Geostatistic summary numbers are based on the regional map
and are shown as open diamonds.