

LEGEND

SEDIMENTARY, VOLCANIC AND METAMORPHIC ROCKS

HELIKIAN AND/OR APHEBIAN

GRENVILLE PROVINCE

- [21] HGS 06\* Metagranite, schistose gneiss and conglomerate, sheared felsic porphyry, greenstone, metamorphic equivalents of SEAL, CROTEAU and ALLIK GROUPS.
- [20] HGP 06 Garnetiferous biotite-quartz-feldspar paragneiss.
- [19] HUP 06 Paragneiss, granitoid gneiss, minor quartzite and marble.

CHURCHILL PROVINCE

- [18] NM 06 Quartzite, conglomerate, arkose, shale, phyllite, basalt, mafic pyroclastics, greenstone, chlorite schist, stromatolitic limestone.

NAIN PROVINCE

- [17] PE 06 Intermediate to acid volcanics, feldspathic quartzite and minor conglomerate of UPPER CROTEAU GROUP.
- [16] AE3 05 Conglomerate, quartzite, slate, siliceous dolomite, chert and arkose of MIDDLE CROTEAU GROUP.
- [15] AE2 05 Feldspathic quartzite, conglomerate, argillite, basic volcanic rocks and metamorphic equivalents of ALLIK GROUP.
- [14] AE1 05 Slate, argillite, siltstone, quartzite, greywacke, dolomite, and basalt of LOWER CROTEAU GROUP.

ARCHAIC

GRENVILLE PROVINCE

- [13] AG 02 Granitic gneiss, amphibolite, undivided acidic intrusives.

NAIN PROVINCE

- [12] AEV 02 Mafic schistose rocks, greenstone, metasedimentary rocks, amphibolite, minor ultrabasic intrusions.
- [11] AEG 02 Granitic and granodioritic gneiss, migmatite, granulite, amphibolite, minor paragneiss, metasedimentary rocks and ultrabasic intrusions.

INTRUSIVE ROCKS

CAMBRIAN AND EARLIER

- [10] CM18 08 Diabase dykes.

HELIKIAN

- [9] NH17 06 Diabase olivine gabbro, intermediate and ultramafic intrusive sills intruding SEAL GROUP.
- [8] NH16 06 Gabbro, norite and diabase sills.
- [7] PH13 06 Adamellite suite: adamellite, monzonite, syenite, granodiorite, granite and their hypersthene-bearing equivalents.
- [6] PH11 06 Anorthositic suite: anorthositic gabbro, leucocrystalline, minor gabbro, monzonite, granodiorite, ferrosyenite.

APHEBIAN

- [5] APH18 05 Syenite, monzonite, syenodiorite.
- [4] APH17 05 Granite, quartz monzonite, granodiorite, quartz diorite.
- [3] APH16 05 AILAVIK GABBRO: gabbro, metagabbro, diorite.
- [2] APH15 05 Foliated feldspar-quartz-hornblende-biotite granitic gneiss, chlorite-epidote-quartz-feldspar gneiss, amphibolite, migmatite.
- [1] APH14 05 Foliated granodiorite and granodioritic gneiss; intrusive into CROTEAU AND ALLIK GROUPS.

\*A mnemonic code assigned to rock types and recorded as part of field observations.

Geological boundary . . . . .

Fault . . . . .

No analytical results . . . . .

Field duplicate sample sites . . . . .

This legend was modified from, and the geology base derived for, these geological maps from Geology Map of Labrador, Mineral Resources Division, Department of Mines, Agriculture and Resources, Province of Newfoundland and Labrador, 1970, 1:1,000,000 scale.

Elevation in feet above mean sea level

Mean magnetic declination 1988, 29° 42' West, decreasing 9.2' annually. Readings vary from 28° 24' in the SW corner to 31° 0' in the NE corner of the map area.

Geological Survey of Canada  
Mineral Resources Division  
Exploration Geochemistry Subdivision

CONTRACTORS

Lake sediment sample collection by Marshall, Macklin, Monaghan Limited, Toronto  
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Acme Analytical Laboratories Ltd., Toronto (1983)  
Geological base compiled by Geological Survey of Canada

Copies of the Open File map material, element trend and symbol plot, listing of field observations, analytical data, descriptions of analytical methods, and digital data on IBM-PC compatible diskette are available by inquiring to:

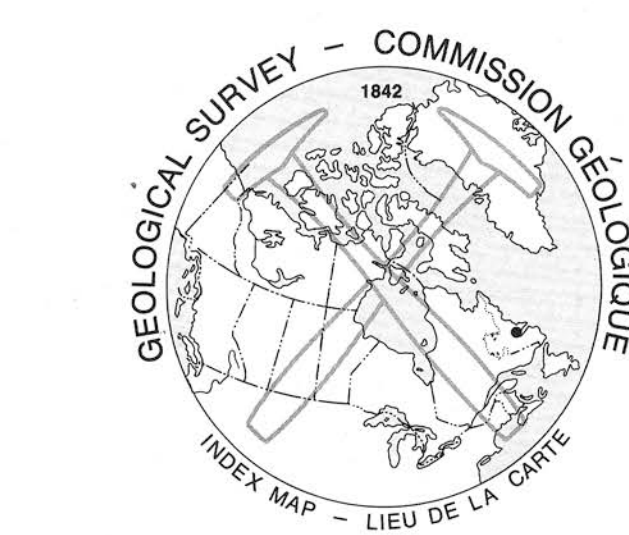
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SAMPLE LOCATION  
LAKE SEDIMENTS  
GSC OPEN FILE 1636

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 101-87  
CANADA - NEWFOUNDLAND  
MINERAL DEVELOPMENT AGREEMENT (1984 - 1989)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY  
CENTRAL LABRADOR, 1988, 1983, 1978, 1977

Scale 1:500 000 - Echelle 1/500 000  
Kilometres 0 10 20 30 40 Kilometres



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DEPARTMENT OF MINES  
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