

- LEGEND**  
SEDIMENTARY, VOLCANIC AND METAMORPHIC ROCKS
- HELIKIAN AND/OR APHEBIAN
- GREVILLE PROVINCE
- [21] HGS 06\* Metagranite, schistose grit and conglomerate, sheared felsic porphyry, greenstone; metamorphic equivalents of SEAL, CROTEAU and AILLIK GROUPS.
  - [20] HAGP 06 Garnetiferous biotite-quartz-feldspar paragneiss.
  - [19] HXGP 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 AILLIK GROUP.
  - [14] AE1 05 Slate, argillite, siltstone, quartzite, greywacke, dolomite, and basalt of LOWER CROTEAU GROUP.
- ARCHAIC
- GREVILLE PROVINCE
- [13] AG 02 Granitic gneiss, amphibolite, undivided acidic intrusives.
- NAIN PROVINCE
- [12] AEV 02 Mafic schistose rocks, greenstone, metasedimentary rocks, amphibolite, minor paragneiss, metametasedimentary rocks and ultrabasic intrusives.
  - [11] AEG 02 Granitic and granodioritic gneiss, migmatite, granulite, amphibolite, minor paragneiss, metametasedimentary rocks and ultrabasic intrusives.
- INTRUSIVE ROCKS
- CAMBRIAN AND EARLIER
- [10] CM18 08 Diabase dykes.
- HELIKIAN
- [9] NM17 06 Diabasic olivine gabbro, intermediate and ultramafic intrusive sills intruding SEAL GROUP.
  - [8] NM16 06 Gabbro, norite and diabase sills.
  - [7] PH13 06 Admettite suite: admettite, monzonite, syenite, granodiorite, granite and their hypersthene-bearing equivalents.
  - [6] PH11 06 Anorthosite suite: anorthosite, anorthositic gabbro, leucocratonite; minor gabbro, monzonite, granodiorite, ferrosyenite.
- APHEBIAN
- [5] APH5 05 Syenite, monzonite, syenodiorite.
  - [4] APH7 05 Granite, quartz monzonite, granodiorite, quartz diorite.
  - [3] APH6 05 AILAVIK GABBR0; gabbro, metagabbro, diorite.
  - [2] APH5 05 Foliated feldspar-quartz-hornblende-biotite granitic gneiss, chlorite-epidote-quartz-feldspar gneiss, amphibolite, metabasite.
  - [1] APH4 05 Foliated granodiorite and granodioritic gneiss; intrusive into CROTEAU AND AILLIK GROUPS.

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

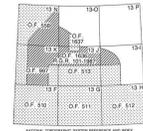
Geological boundary .....  
Fault .....  
No analytical results .....  
Field duplicate sample sites .....

This legend was modified from, and the geology base derived for these geochemical 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.



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**SAMPLE LOCATION  
LAKE SEDIMENTS**  
MINERAL DEVELOPMENT AGREEMENT (1984-1989)  
CENTRAL LABRADOR, 1988, 1983, 1978, 1977

Scale 1:500 000 - Echelle 1:500 000

Elevation in feet above mean sea level

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

Geological Survey of Canada  
Exploration Geochemistry Subdivision

**CONTRACTORS**

Lake sediment sample collection by Marshall, Macklin, Monaghan Limited, Toronto  
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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:

Geological Survey of Canada  
Publications Distribution  
601 Booth Street  
Ottawa, Ontario K1A 0E8  
Tel. (613) 995-4342