

Note: This legend is common for Regional Geochemical Reconnaissance Map 60-1983, Open File 995; 61-1983, Open File 996; 62-1983, Open File 997; 63-1983, Open File 998.

SEDIMENTARY, VOLCANIC AND METAMORPHIC ROCKS

- HADRYNIAN
- 28 HADF\* Red conglomerate, arkose, sandstone and shale: DOUBLE HER FORMATION  
GREENVILLE PROVINCE
- HELIXIAN AND/OR APHEBIAN
- 27 HAGS, VHAG Metaquartzite, schistose grit and conglomerate, sheared felsic porphyry ...
- 26 HAGP Mainly garnetiferous biotite-quartz-feldspar paragneiss ...
- HELIXIAN AND EARLIER(?)
- 25 HUGP Paragneisses, granitoid gneisses of probable sedimentary origin, minor quartzite and marble ...
- 24 HUGN Sillimanite gneiss, commonly migmatitic. Minor amphibolite
- 23 HUGG Granitic gneiss, mainly pink quartz-feldspathic gneisses, commonly banded and migmatitic ...
- 22 HUGB Intermediate to basic gneiss, amphibolite
- ARCHEAN
- 21 ARCG Granitic gneiss, amphibolite, unseparated massive acidic intrusives  
CHURCHILL PROVINCE

- HELIXIAN  
NEOHELIXIAN
- 20 NHWS, VNHWS, NHWK, (S)NRK\*\* Quartzite, conglomerate, arkose, shale ...  
NHWS - unseparated BESSIE LAKE ... FORMATION; NHWK - SHIPSKAN FORMATION (possibly younger)
- PALEOHELIXIAN
- 19 UPHW Quartzite, grit conglomerate, acidic volcanics ... LETITIA GROUP
- 18 PHAW, PAWP Greywacke, quartzite, arkose, slate, ...: PAWP - PETSCHAPSKAN GROUP
- APHEBIAN AND EARLIER(?)
- 17 AUMR, (GRNL) Granulite, pyroxene gneiss, charnockite; minor granitic gneiss ...
- 16 AUMP, (PRGS) Paragneisses; includes biotite-quartz-feldspar gneiss, garnet-biotite-quartz-feldspar gneiss ...

- MAIN PROVINCE
- PALEOHELIXIAN
- 15 PHLE, UPHE Intermediate to acidic volcanics (mainly porphyritic flows), feldspathic quartzite ...
- APHEBIAN
- 14 APE3 Conglomerate, quartzite, slate, siliceous dolomite, chert and arkose of MIDDLE CROTEAU GROUP
- 13 APE2 VAE2 Felspathic quartzite, conglomerate, argillite, basic volcanic rocks, and metamorphic equivalents of AILIK GROUP
- 12 APE1, VAE1, (SLTE) Slate, argillite, siltstone, quartzite, greywacke, dolomite and basalt of LOWER CROTEAU GROUP
- ARCHEAN
- 11 AREV, (SCST) Mafic schistose rocks, greenstone, metasedimentary rocks, amphibolite, minor ultra-basic intrusions
- 10 AREG Granitic and granodioritic gneiss, migmatite, granulite, amphibolite ...

- INTRUSIVE ROCKS
- HELIXIAN  
NEOHELIXIAN
- 9 NH17 Diabasic olivine gabbro, intermediate and ultramafic intrusive rocks ...
- NEOHELIXIAN AND EARLIER(?)
- 8 NH16 Gabbro, norite, and diabase sills
- 7 NH15 Granite to granodiorite, massive to poorly foliated, porphyritic in part ...
- PALEOHELIXIAN
- 6 PH14, (GRNT) Granite, quartz monzonite, granodiorite, quartz diorite, syenite ...
- 5 PH13, (QZM2) Adamellite suite: adamellite, monzonite, syenite, granodiorite, granite ...
- 4 PH11, (ANRS) Anorthosite suite: anorthosite, anorthositic gabbro, leucotroctolite ...
- 3 PH10, (UMFC) Gabbro, norite, anorthositic gabbro, troctolite, diorite ...
- APHEBIAN
- 2 APH7, (GRNT) Granite, quartz monzonite, granodiorite, quartz diorite ...
- 1 APH5 Well foliated feldspar-quartz-hornblende-biotite granitic gneiss ...

\* A four letter mnemonic name recorded as rock type as part of 1982 and 1983 field observations

\*\* A four letter mnemonic name recorded as rock types as part of 1978 field observations.

Geological boundary.....

Fault.....

Mainly acidic volcanic rocks.....

Mainly basic volcanic rocks.....

No analytical result .....

This legend was modified and the geology derived for these geochemical maps from Geology Map of Labrador, Mineral Resources Division, Department of Mines, Agriculture and Resources, Province of Newfoundland and Labrador

SAMPLE LOCATION

OPEN FILE 995

CENTRAL AND SOUTHERN LABRADOR

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