



GEOLOGICAL SURVEY OF CANADA
 COMMISSION GÉOLOGIQUE DU CANADA
 DEPARTMENT OF MINES, METALS AND PETROLEUM
 MINISTÈRE DES MINES, MÉTAUX ET PÉTROLE

LEGEND FERGUSON LAKE (M)
 by K.E. Eade

- HELIKIAN**
- Hob Diabase and gabbro (northwest-trending Mackenzie dykes)
- HDMg Porphyritic syenite to syenodiorite dykes
- HDM MARTELL SYENITE: syenite and monzonite

- ARBUCKIAN**
- Agn Quartz monzonite to granite; minor granodiorite and quartz diorite
- Ang Granodiorite gneiss to quartz diorite gneiss commonly porphyroblastic with potash feldspar; includes minor layered gneiss, orthogneiss, nebulitic and swirled gneiss; cut by up to 25 per cent dykes, stringers and irregular masses of quartz monzonite.
- Ango Ango: orthogneiss, largely biotite granodiorite gneiss with potash feldspar porphyroblasts; cut by up to 15 per cent dykes and stringers of quartz monzonite and granite pegmatite.
- Anm Nebulitic and swirled gneiss in part irregularly layered, predominantly biotite-bearing; contains up to 20 per cent dykes, stringers and irregular masses of quartz monzonite.
- Anl Layered gneiss in irregularly layered gneiss and pegmatite, biotite, hornblende-bearing; contains up to 20 per cent dykes, stringers, and irregular masses of quartz monzonite.
- Anl' Anl' as Anl but contains 40 to 50 per cent quartz monzonite that in part assimilates the gneiss.

- HUMMITS GROUP (AH)**
- AH TAVANI FORMATION: arkose, meta-arkose, impure quartzite, mica schists
- AHW WATTSON FORMATION: dolomite, phyllite, argillite
- AH' calc-silicate rock and quartz-mica schist
- AKK KINGA FORMATION: orthoquartzite
- Adh Gabbro (easterly-trending dykes)

- ADIRONDACK**
- Adh Meta-gabbro (northeast- to north-trending dykes)
- Adh' amphibolite
- Ab Meta-gabbro, gabbro, diorite
- Agm Quartz monzonite to granodiorite
- Agg Granodiorite to quartz monzonite
- Ang Granodiorite gneiss; includes minor quartz diorite gneiss, layered gneiss, swirled to nebulitic gneiss and amphibolite inclusions and schlieren; in part, could be orthogneiss; cut by minor granite and granite pegmatite veins.
- Ang' Ang': quartz diorite gneiss
- Angr Angr: pyroxene-bearing granodiorite gneiss and swirled to nebulitic gneiss; minor meta-rich amphibolite and layered gneiss
- Ango Ango: orthogneiss, foliated biotite-hornblende granodiorite gneiss
- Anab Anab: an cut by dykes and irregular masses of gabbro and meta-gabbro, Ad
- Anl Layered to irregularly layered gneiss of nebulitic gneiss, primarily hornblende-bearing and commonly garnetiferous; includes minor amphibolite, cut by minor granite and granite pegmatite veins.

- ARBUCKIAN**
- HENIK GROUP**
- Anm Micasitized paragneiss and amphibolite, commonly garnetiferous; cut by minor granite and granite pegmatite veins.
- Ans An': micasitized amphibolite with minor paragneiss

- AV Undifferentiated metamorphosed volcanic rocks; includes minor gabbro and metasedimentary rocks.
- AI Intermediate to felsic flows, tuffs and agglomerate
- Am Massive or pillowed basaltic and andesitic brecciations; agglomerate and tuff; minor gabbro and intermediate to felsic flows and tuffs.
- Zm Predominantly amphibolite; minor amphibolite brecciation, amphibolite schist and gneiss.
- Asp Chert pyrite iron formation
- Amf Magnetite iron formation

Drift-covered area..... XA
 Rock outcrop: probable outcrop or observed from air..... XA
 Geological boundary (defined, approximate, assumed)..... XA
 Geological boundary (gradational)..... XA
 Bedding, tops unknown (inclined, vertical, dip unknown)..... XA
 Pillows, tops known (inclined, vertical)..... XA
 Pillows, tops unknown (inclined, vertical)..... XA
 Schistosity, cleavage (inclined, vertical, dip unknown)..... XA
 Gneissosity, foliation (inclined, vertical, dip unknown)..... XA
 Jointing..... XA
 Fault (defined, approximate, assumed)..... XA
 Minor fold axis, plunge..... XA
 Mineral occurrence (py: pyrite; po: pyrrhotite; IF: iron formation)..... Xpy

Geology by K.E. Eade and P.W. Chandler, 1973

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 QUÉBEC

FERGUSON LAKE

DISTRICT OF KEEWATIN
 NORTHWEST TERRITORIES

Scale 1:125,000 Échelle

