

  
 GEOLOGICAL SURVEY BRANCH  
 DEPARTMENT OF MINES AND ENERGY  
 GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

**GEOLOGY AND GEOCHEMISTRY SAMPLE LOCALITIES ALONG THE CENTRAL PART OF THE UGJOKTOK RIVER (NTS 13N/5 AND PARTS OF 13M/8 AND 13N/6), LABRADOR**



Geology by A. Thomas and R.S. Morrison, 1988.  
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**MIDDLE PROTEROZOIC**

- FLOWERS RIVER IGNEOUS SUITE**  
 21 Peralkaline granite, syenite  
 20 Quartz, feldspar porphyry  
 19 19a, Fragmental rock (consists of angular fragments of a variety of rocks in a matrix of amygdule-rich hypabyssal mafic rock); 19b, fragmental flow rock similar to Unit 19a, but containing large quantities of graphite; 19c, gabbro to diabase  
**HARP LAKE PLUTONIC SUITE**  
 18 Granite, quartz syenite, quartz monzonite (commonly rapakivi textured)  
 17 17a, Leucogabbro, gabbro; 17b, anorthosite  
**NAIN PLUTONIC SUITE**  
 16 Granite, syenite, quartz monzodiorite, quartz monzonite  
 15 15a, Leucogabbro, gabbro; 15b, anorthosite

**LOWER PROTEROZOIC**

- INGRID GROUP**  
 14 14a, Mafic to intermediate lavas, mafic conglomerate, sandstone, siltstone; 14b, mafic to intermediate lavas, porphyritic basalt, mafic conglomerate, sandstone, siltstone; 14c, mafic volcanic conglomerate, felsic polymictic conglomerate, sandstone, siltstone, grit, mudstone; 14d, mylonitized and tectonically intercalated rocks of Unit 1 and Ingrid Group

**LEGEND**

**LOWER PROTEROZOIC and/or ARCHEAN**

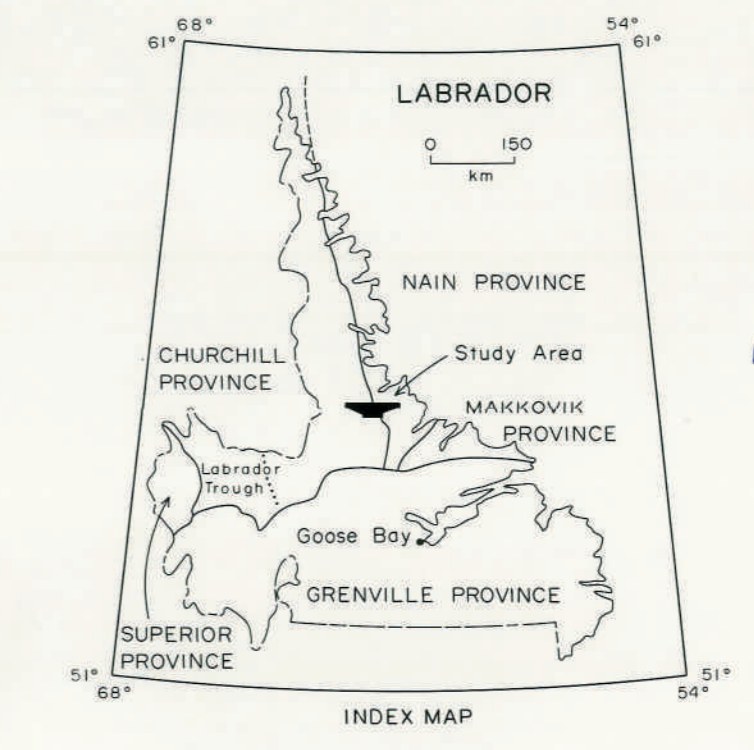
- 13 Foliated alkali syenite  
 12 Granitic orthogneiss  
 11 Foliated hornblende, pyroxene granite  
 10 Foliated biotite, amphibole diorite to monzodiorite  
 9 Foliated quartz syenite, granite  
 8 Amphibolite, includes minor bands of diorite, tonalite gneiss and schist  
 7 Granitic gneiss intermixed with tonalite gneiss and quartz syenite  
 6 Porphyritic granitic gneiss  
 5 Foliated porphyritic garnet, hypersthene, granite to augen gneiss  
 4 Granodiorite, granite  
 3 Garnet paragneiss with or without sillimanite and hypersthene

**ARCHEAN**

- 2 Foliated hornblende, biotite granite  
 1 1a, Tonalite orthogneiss; 1b, mylonitic tonalite orthogneiss

**SYMBOLS**

- Area of bedrock outcrop, minor bedrock outcrop.....  
 Geological boundary (defined, approximate, assumed).....  
 Bedding, tops known (horizontal, inclined, vertical, overturned).....  
 Igneous compositional layering (horizontal, inclined, vertical).....  
 Igneous flow banding (horizontal, inclined, vertical).....  
 Foliation (horizontal, inclined, vertical).....  
 Gneissic banding/foliation (horizontal, inclined, vertical).....  
 Joint or fracture (horizontal, inclined, vertical).....  
 Glacial striae, direction of ice flow (known, unknown).....  
 Z-fold, S-fold (with plunge).....  
 Minor folding (with plunge).....  
 Fault (defined, approximate, assumed).....  
 Thrust fault, teeth in direction of dip (defined, assumed).....  
 Fault zone, shear zone (width indicated).....  
 Mineralized outcrop (py=pyrite).....  
 Geochemistry sample locality.....



NTS 13N/05 & Parts of  
 13M/08, & 13N/06