

Geology of the Foxe Fold Belt in the Home Bay Area (27SE & SW) Baffin Island, District of Franklin

Combined Legend for N.T.S. 27SE & SW

- Formational contact (Known, assumed)
- Traces of marker horizons (helicopter observations and aerial photograph interpretation)
- Lithological layering (inclined, vertical, horizontal)
- Mineral foliation (inclined, vertical, horizontal)
- Mineral lineation (with plunge angle)
- Fold axial plane (inclined, vertical)
- Fold axis (with plunge angle)

Compiled and interpreted by J.R. Henderson (ABU) from data collected by field parties under the direction of J.R. Henderson (1978, 79), C.R. Tippet (1977-78), W.C. Morgan (1976), and G.D. Jackson (1964, 1970).

- Quaternary & Recent**
 - Ice covered area
 - Drift covered area
- Hadrynian**
 - Franklin Intrusions (diabase) (dots show narrow trace)
- Aphebian**
 - Hartshel Plutonic Complex. Alim, migmatite composed of pelitic, pyroxenitic and granitic paleosome and a mafic neosome; neosome makes up more than 50%. Alq, granite, commonly feldspathic; Ag, pegmatitic granite
 - Pilina Group**
 - Pelitic and mafic metaterrigenous. Fine grained calc-silicate lenses and pebbles are uncommon but characteristic. Alw, graphitic, sulphidic and rusty weathering pelitic schist.
 - Alp, mafic and ultramafic schist and gneiss. Includes some local interlayers of metabasite and marble.
 - Apr, marble and calc-silicate gneiss.
 - Alq, quartzite; Alq, orthoquartzite and quartz-muscovite schist and gneiss; Alw, orthoquartzite and quartzofeldspathic gneiss.
 - Archean**
 - Henry Kotze Gneiss Complex. Layered granite-granodiorite-tonalite gneiss with locally abundant amphibolite lenses. Includes some Aphebian granite.

Home Bay (27A)
1:250,000



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