

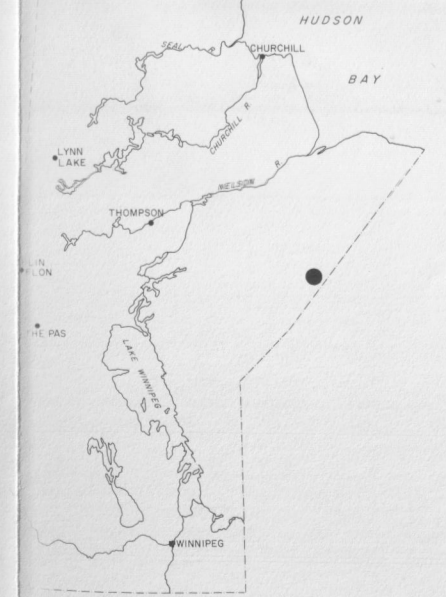
**Legend**

- FROTEROZOIC**
- 9 Mafic dykes: Molson dyke swarm
- ARCHEAN**
- 8 Granite, granodiorite
    - a) hornblende-biotite granodiorite
    - b) biotite granite
  - 7 Mafic dykes
  - 6 Rhyolite: white to beige weathering, blue-grey, with clear to blue quartz phenocrysts
    - a) quartz-feldspar porphyry
    - b) tuff: quartz-feldspar porphyritic
    - c) volcanoclastic breccia: composed of quartz-feldspar porphyritic fragments in a matrix of the same composition
  - 5 Siltstone, argillite:
    - a) siliceous siltstone; white to pale grey weathering laminated to very thin bedded siltstone
    - b) argillite: brown to black weathering laminated argillite, interbedded with 3a, rarely forms mappable unit
  - 4 Conglomerate:
    - a) polymictic framework conglomerate: dominant clast type is felsic volcanic, greywacke matrix, thick bedded
    - b) polymictic matrix conglomerate: dominant clast type is felsic volcanic, greywacke matrix, medium to thick bedded
    - c) oligomictic framework conglomerate: quartz-feldspar porphyritic rhyolite clasts, felsic sandstone matrix, may be debris flows, interbedded with 4d
    - d) felsic: pebbly sandstone; small to medium-scale cross-bedded sandstone, interbedded with 4c
  - 3 Sandstone:
    - a) greywacke; grey to brown weathering, commonly with thin to medium scale turbidite bedforms
    - b) pelitic greywacke: dark green-grey weathering, biotite-chlorite-bearing, thin-bedded, typically interbedded with 3a and 3b
    - c) arkose: felsic, cream to white weathering, thin- to medium-bedded
  - 2 Rhyodacite, dacite: buff brown weathering; pale green grey; felsic porphyritic with rare smoky grey quartz phenocrysts:
    - a) felsic porphyritic dykes and sills
    - b) tuff: felsic and quartz-feldspar porphyritic
    - c) volcanic breccia; felsic and quartz-feldspar porphyritic, may be volcanoclastic or epiclastic
    - d) dacite, brown to grey-green weathering, green-brown intermediate tuff, rarely felsic porphyritic, interbedded with 2a and 2c
  - 1 Basalt:
    - a) pillowed and massive flows
    - b) komatiitic basalt: pillowed flows
    - c) plagioclase porphyritic massive flows
    - d) altered basalt: variable silicification of basalt within major tectonized zones, generally associated with minor dykes of 2a, may contain minor pyrite and pyrrhotite

**Symbols**

- Mineral showing: gold Au, pyrite/pyrrhotite Py/Po
- Zone of intense brittle-ductile deformation
- Geological contact: approximate, under water, assumed
- Bedding, tops known: inclined, vertical, overturned
- Bedding, tops unknown: inclined, vertical
- Bedding and foliation parallel, tops unknown: inclined, vertical
- Tectonic layering and foliation parallel
- Pillows, tops unknown: inclined, vertical
- Foliation: inclined, vertical
- Cataclastic foliation: inclined, vertical

Geology by: M. T. Corkery, 1981



This map is a provisional summary of work carried out during a reconnaissance program and is printed directly from the geologist's manuscript. It is not to be regarded as a final interpretation of the geology of the area.

