CANADA

DEPARTMENT OF MINES AND RESOURCES

MINES, FORESTS AND SCIENTIFIC SERVICES BRANCH

GEOLOGICAL SURVEY OF CANADA

LEGEND

PROTEROZOIC

- **8** — *Diabase, largely coarse-grained, greenish grey, and quartz bearing*

HORNBY BAY SERIES (6, 7)

- **7** — *Quartzite and siliceous sandstone, white to light pink, coarse-grained, crossbedded; some fine conglomerate*
- **6** — *Siliceous sandstone, rusty red, medium- to fine-grained, ripple marked, crossbedded*
- **5** — **5a**, *rhyolite porphyry and some granite porphyry, pink to greyish pink;* **5b**, *rhyolite porphyry, pink, coarsely porphyritic;* **5c**, *rhyolite porphyry, pink, finely porphyritic; felsite*
- **4** — *Granite, some granodiorite, light pink, coarse- to fine-grained;* **4a**, *fine- to medium-grained granite, probably facies of* **4**
- **3** — *Quartz andesite porphyry, maroon to grey, coarsely porphyritic*

CAMERON BAY GROUP ?

- **1, 2** — 1. *Fine to coarse arkosic conglomerate; argillite, impure quartzite, tuff; some agglomerate and thin lava flows.* 2. *Trachyte and andesite, locally trachytic in texture; some thin intercalated beds of sedimentary rock*

Bedding (inclined, dip unknown)

Bedding (direction of dip known, upper side of beds unknown)

Schistosity (inclined, vertical, dip unknown)

Fault

Glacial striae

Test pit, trench

Quartz vein

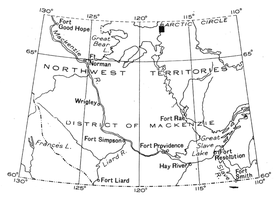
Geology by M. Feniak, 1948

Base map surveyed by Topographical Survey 1947

Cartography by Geological Mapping Division, 1949

Approximate magnetic declination 43°00′

Geographic names subject to revision



PRELIMINARY MAP 49-19A

MACALPINE CHANNEL

GREAT BEAR LAKE

DISTRICT OF MACKENZIE

NORTHWEST TERRITORIES

Scale 1 Inch to ½ Mile

1 ½ 0 1 2

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