

PROTEROZOIC

ARCHAEO

- LEGEND**
- 9 Diabase, gabbro
- 8 Biotite granodiorite and related rocks; 8a, gneissic biotite granodiorite; 8b, hornblende-biotite granodiorite; 8c, granodiorite with hornblende inclusions derived from 1, 4 and 7
- 7 Quartz diorite and related rocks; 7a, hornblende quartz diorite; 7b, hornblende diorite; 7c, biotite-hornblende quartz diorite
- YELLOWKNIFE GROUP (1-6)**
- 5 Gneiss, mica-schist, 5a, phyllite and mica schist; 5b, conglomerate
- 6 Nodular quartz-mica schist derived from 5
- 4 Meta-gabbro, 4a, porphyritic meta-gabbro (felsic); 4b, minor lava (4a) and mica schist (4b) in part may be younger than 5
- 3 Felsic lavas (meta-rhyolite and meta-dacite); 3a, massive lava; 3b, agglomerate and breccia; 3c, mixed massive and fragmental lavas; 3d, lava and tuff interbedded with greywacke and slate (3e); (m, carbonatized)
- 2 Mafic agglomerate and breccia
- 1 Mafic lavas (meta-andesite and meta-basalt); minor phyllite and mica schist (1a); 1b, massive dark green to black; 1c, massive, grey to light green; 1d, pillowed; 1e, lava intruded by granodiorite (1f); 1g, rhyolite and fragmental; 1h, amygdaloidal; 1i, porphyritic (felsic); (m, carbonatized); 1, schistose
- A Quartz porphyry, quartz-feldspar porphyry, feldspar porphyry; minor apite and mafic lava. In part related to felsic lavas (3)

- Bedding (solid, overturned, top of bed determined by graded bedding)
- Bedding (dashed or dotted, top of bed determined by graded bedding)
- Schistosity, cleavage (solid, vertical, dip indicated)
- Fault zone, shear zone (dashed, approximate, assumed)
- Anticline axis (dashed, approximate)
- Synclinal axis (dashed, approximate)
- Glacial striae
- Drift ridge (new, solid)
- Esker
- Mineral occurrence (Gold) Au

- INDEX TO MINING PROPERTIES**
- ① Neworth Gold Mines Limited
- ② Froisher Limited
- ③ Kennedy showings
- ④ Payne showing

Geology by J.C.G. Moore, 1949

Building

Marsh

Height in feet above mean sea-level (approximate) 1455

Cartography by the Geological Cartography Division, 1954

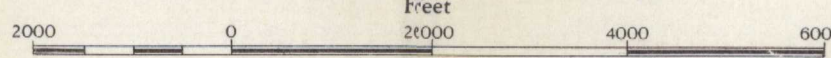
Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario

Approximate magnetic declination, 35° 30' East



COURAGEOUS LAKE
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

Scale: 1 inch to 2,000 feet = 240000



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