



- LEGEND**
- PROTEROZOIC**
- 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 Greywacke, slate; 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-typholite and meta-basalt); 3a, massive lava; 3b, agglomerate and breccia; 3c, mixed massive and fragmental lava; 3d, lava and tuff, interbedded with greywacke and slate (3); (3), 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 (8); 1f, rhyolite and fragmental; 1g, amygdaloidal; 1h, porphyritic (felsic); (1), carbonatized; 1, schistose
  - A Quartz porphyry, quartz-felsic porphyry, felsic porphyry, minor apatite and mafic lava. In part related to felsic lavas (3)

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

Geology by J.C.C. 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



MAP 1025A  
**COURAGEOUS LAKE**  
DISTRICT OF MACKENZIE  
NORTHWEST TERRITORIES

Scale 1 Inch to 2,000 Feet = 1:240,000

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