

PROTEROZOIC

ARCHAEO

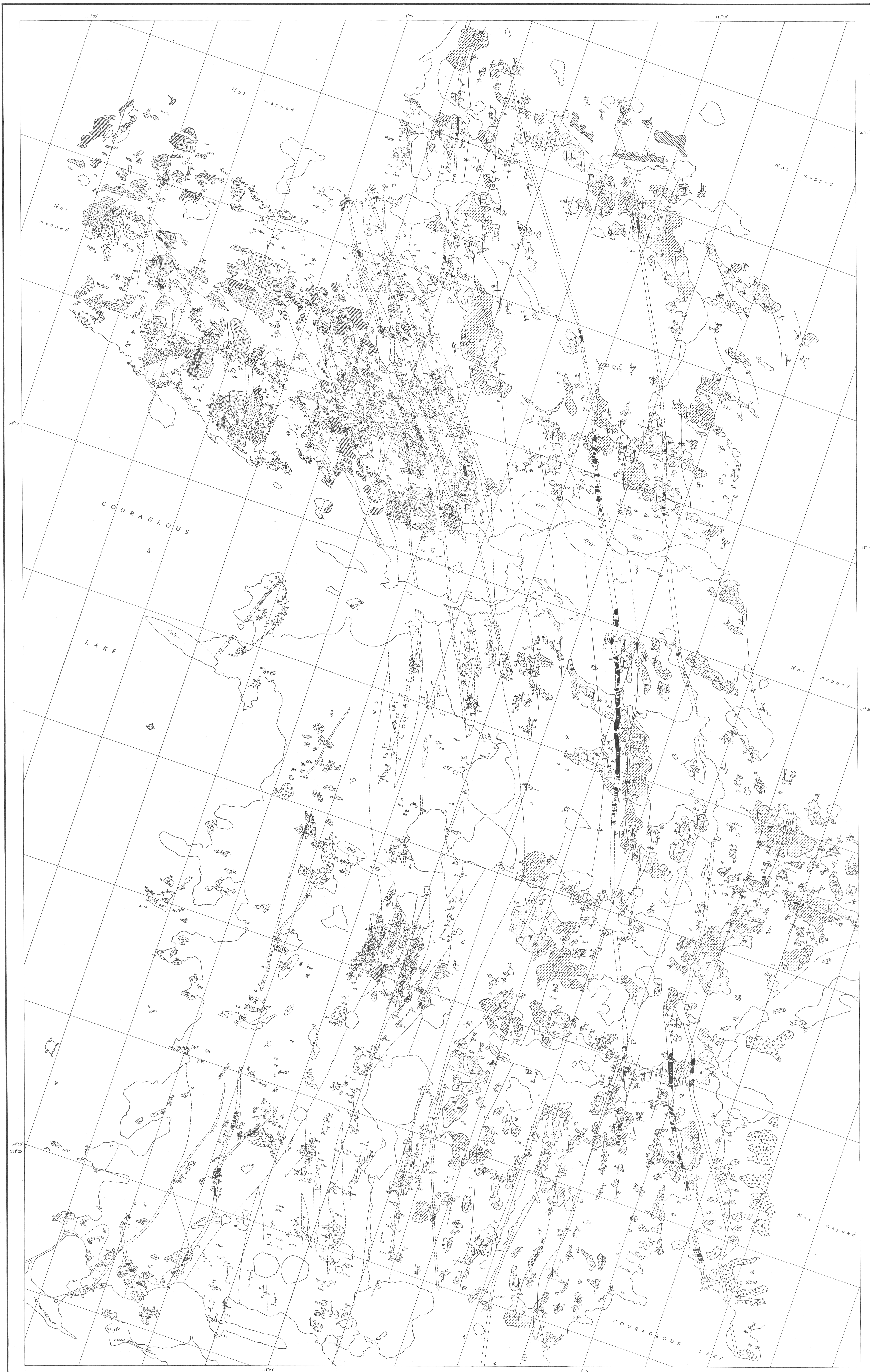
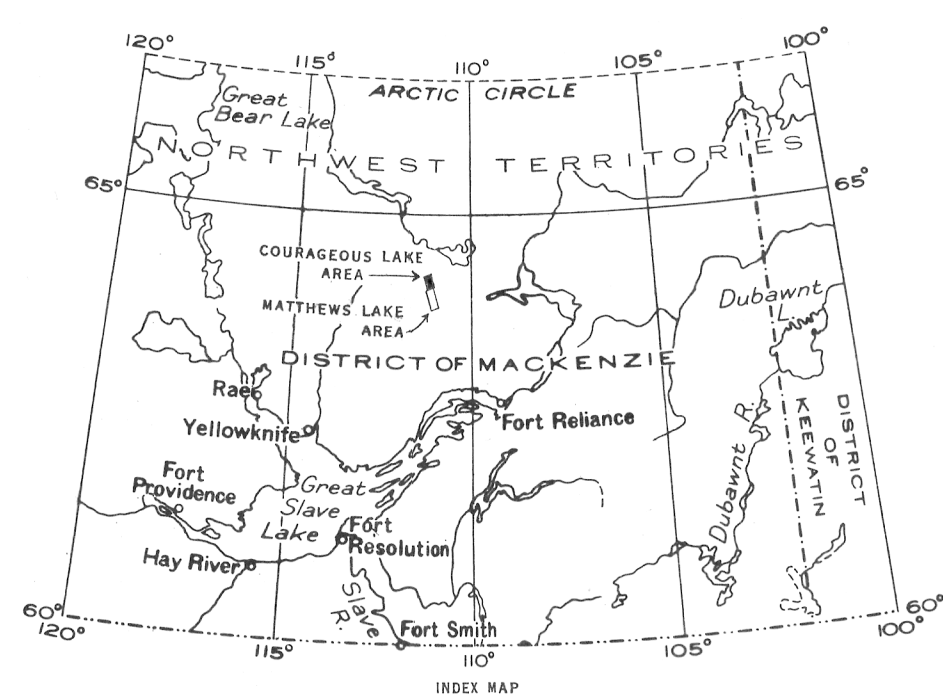
LEGEND

- 9** Diabase gabbro
- 8** Biotite granodiorite and related rocks: 8a, hornblende-biotite granodiorite; 8b, granodiorite with hornblende inclusions derived from 1 and 4
- 7a-7c** Quartz diorite and related rocks: 7a, hornblende quartz diorite; 7b, hornblende diorite; 7c, biotite-hornblende quartz diorite
- YELLOWKNIFE GROUP (1-6)**
- 5** Gneiss, slate, 5a, phyllite and mica schist; 5b, conglomerate
- 6** Nodular quartz-mica schist derived from 5
- 4** Meta-gabbro: 4a, porphyritic meta-gabbro. In part younger than 6
- 3** Felsic lavas (hyalite and dacite): 3a, massive; 3b, agglomerate and breccia; 3c, rhyolite; 3d, carbonized; 3e, schistose
- 2** Mafic agglomerate and breccia
- 1, 1a** Mafic lavas (meta-andesite and meta-basalt): 1a, massive, dark green to black; 1b, massive, grey to light green; 1c, pillow; 1d, lava intruded by granodiorite (8); 1e, rhyolite and fragmental; 1f, amygdaloidal; 1g, porphyritic; 1h, carbonized; 1i, schistose
- A** Quartz porphyry, quartz-feldspar porphyry, feldspar porphyry, minor apatite; related to 5 or 6

- Rock outcrop, area of outcrop.....X
- Bedding (direction of dip known, upper side of bed unknown)...../
- Schistosity, slaty cleavage (inclined, vertical, dip unknown)...../
- Fault zone, shear zone (defined, approximate, assumed)...../
- Anticlinal axis (defined, approximate)...../
- Synclinal axis (defined, approximate)...../
- Glacial striae...../
- Drift ridge (area outlined)...../
- Esker...../
- Mineral occurrence (gold).....Au
- Prospect trench...../

Geology by J.C.G. Moore, 1949

Approximate magnetic declination, 33° 45' East



PUBLISHED, 1952

PRELIMINARY MAP 51-14A

COURAGEOUS LAKE
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

Scale: 1 Inch to 1500 Feet = $\frac{1}{18,000}$

