

LEGEND

PROTEROZOIC

- 10 Gabro, diabase; 10a, porphyritic
- 9 Muscovite granite, gneissic in part
- Quartz-feldspar porphyry
- Altered diorite; 7a, massive to gneissic, recrystallized basic rocks of uncertain origin

YELLOWKNIFE GROUP (1.6)

- Mainly nodular quartz-feldspar-mica schists or hornfels, derived from 3, 4, and 5 (A, andalusite-bearing; G, cordierite-bearing; G, garnet-bearing; S, staurolite-bearing); minor pegmatitic material; 6a, nodular structure less apparent; 6b, sheared

5 Intimate mixture of siliceous greywacke (3) and argillaceous greywacke and argillite (4) but slightly more metamorphosed; greywacke, quartz-feldspar-mica schist, spotted phyllite, slate, and argillite

- 4 Argillite, slate; minor argillaceous greywacke and graphitic schist; 4a, including siliceous and argillaceous greywacke; 4b, mainly argillaceous greywacke; 4c, argillite grading into siliceous and argillaceous greywacke; 4d, nodular
- 3 Siliceous greywacke containing nodules of hornblende granules; minor argillite, slate, and argillaceous greywacke; 3a, some argillaceous greywacke; 3b, incipient nodular structure; 3c, coarse siliceous greywacke; 3d, siliceous greywacke altered to andesitic rock
- 2 Quartzite, in part nodular (A, andalusite-bearing), hornblende, biotite, and biotite-hornblende granules; amphibolite; garnetiferous in part; siliceous and argillaceous greywacke, in part nodular; argillite
- Hornblende-feldspar gneisses and amphibolite, garnetiferous in part, usually gneissic and banded; diorite; minor basalt and andesite; 1a, pillowed; 1b, fragmental; 1c, massive

ARCHAIC

- Gravel and sand ridges, eskers
- Rock outcrop
- Isograd line of metamorphism
- Bedding (inclined, vertical, overturned, dip unknown)
- Bedding (direction of dip known, upper side of bed unknown)
- Bedding (upper side of bed faces as indicated, direction of dip unknown)
- Bedding (surface trace of bedding plane)
- Schistosity, gneissosity, foliation (inclined, vertical, dip unknown)
- Fault (deflected, assumed)
- Anticline
- Syncline
- Glacial striae
- Shalt

MINERAL OCCURRENCES

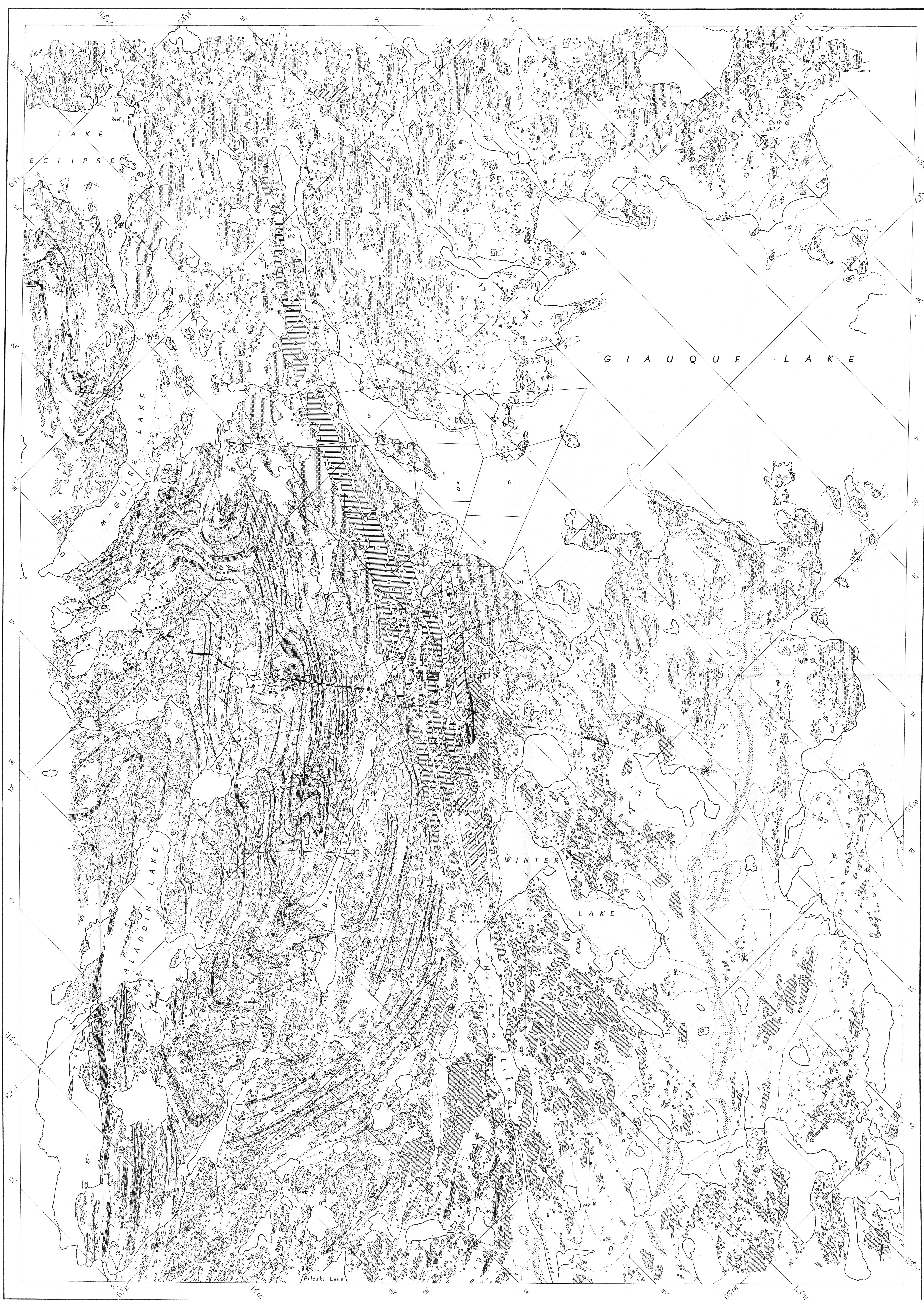
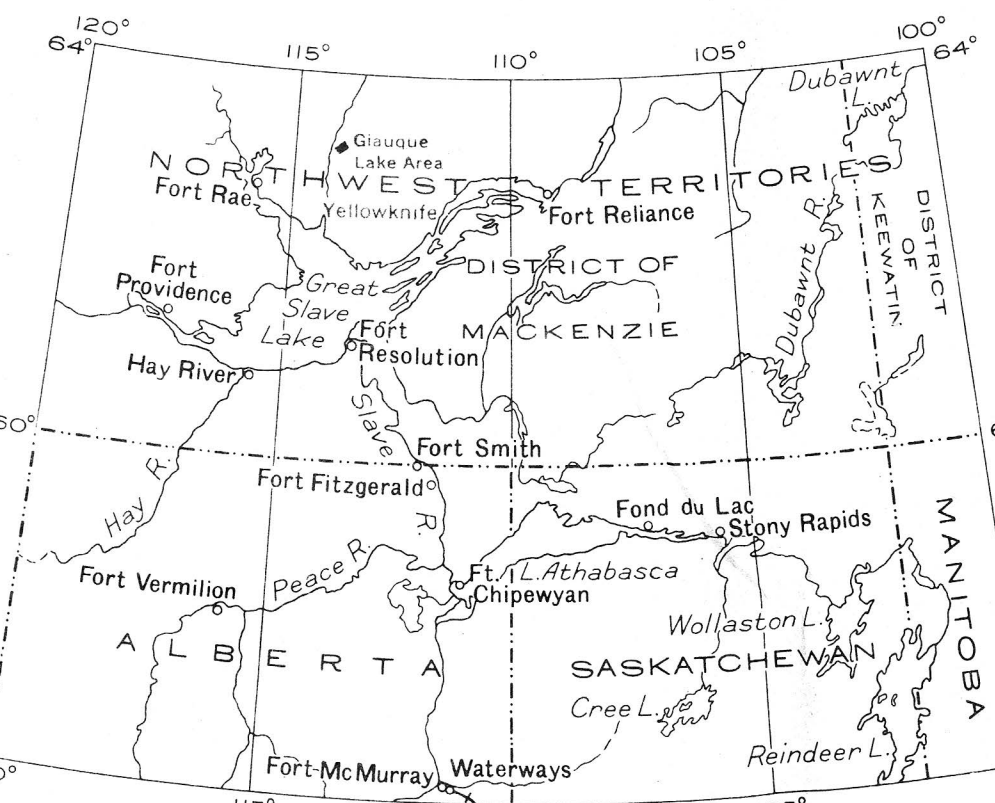
- Gold Au
- Pyrite Py
- Pyrrhotite Po
- Asenopyrite As
- Pegmatite P

Trail
Winter road
House, tent

INDEX TO MINERAL CLAIMS

1. Joan 9	11. G. P. S. 6	21. Avis 2
2. N.W.B. 5 Fraction	12. N.W.B. 4	22. Lux 4
3. Joan 8	13. Joan 1	23. Lux 1
4. Joan 7	14. Discovery Fraction	24. Quinn Fraction
5. Joan 3	15. G. P. S. 3	25. Ash 1
6. Joan 2	16. G. P. S. 2	26. Ash 6
7. N.W.B. 1	17. G. P. S. 1	27. Ash 5
8. N.W.B. 3	18. Lux 2	28. Ash 2
9. G. P. S. 4	19. Lux 3	29. Ash 3
10. G. P. S. 5	20. Avis 1	30. Ash 4

Geology by L. P. Tremblay, 1948, 1950.
Base-map by Topographical Survey 1945.
Geographic names subject to revision.
Cartography by the Geological Mapping Division, 1950.
Approximate magnetic declination, 35° 19' East.



PRELIMINARY MAP 50-18A
GIAUQUE LAKE
NORTHEAST SHEET
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

Scale: 1 inch to 1000 Feet - 12000
0 1000 2000 3000 Feet