

PROTEROZOIC
 ARCHEAN

LEGEND

- 10 Gabbro, diabase; 10A, porphyritic
- 9 Muscovite granite, gneiss in part
- 8 Quartz-feldspar porphyry
- 7 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; C, cordierite-bearing; G, garnet-bearing; S, staurolite-bearing); minor pegmatitic material; 6A, nodular structure less apparent; 6B, sheared
- 4** Argillite, slate; minor argillaceous greywacke and graphite 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 granitoid; minor argillite, slate, and argillaceous greywacke; 3A, some argillaceous greywacke; 3B, incipient nodular structure; 3C, coarse siliceous greywacke; 3D, siliceous greywacke altered to a dioritic rock
- 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
- 2** Quartzite, in part nodular (A, andalusite-bearing), hornblende, biotite, and biotite-hornblende granitoid; amphibolite; garnetiferous in part; siliceous and argillaceous greywackes, in part nodular; argillite
- 1 Hornblende-feldspar gneiss and amphibolite, garnetiferous in part, usually gneiss and banded; diorite, minor basalt and andesite; 1A, pillowed; 1B, fragmental; 1C, massive

- 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 (defined, assumed)
- Anticline
- Syncline
- Glacial striae
- Shaft

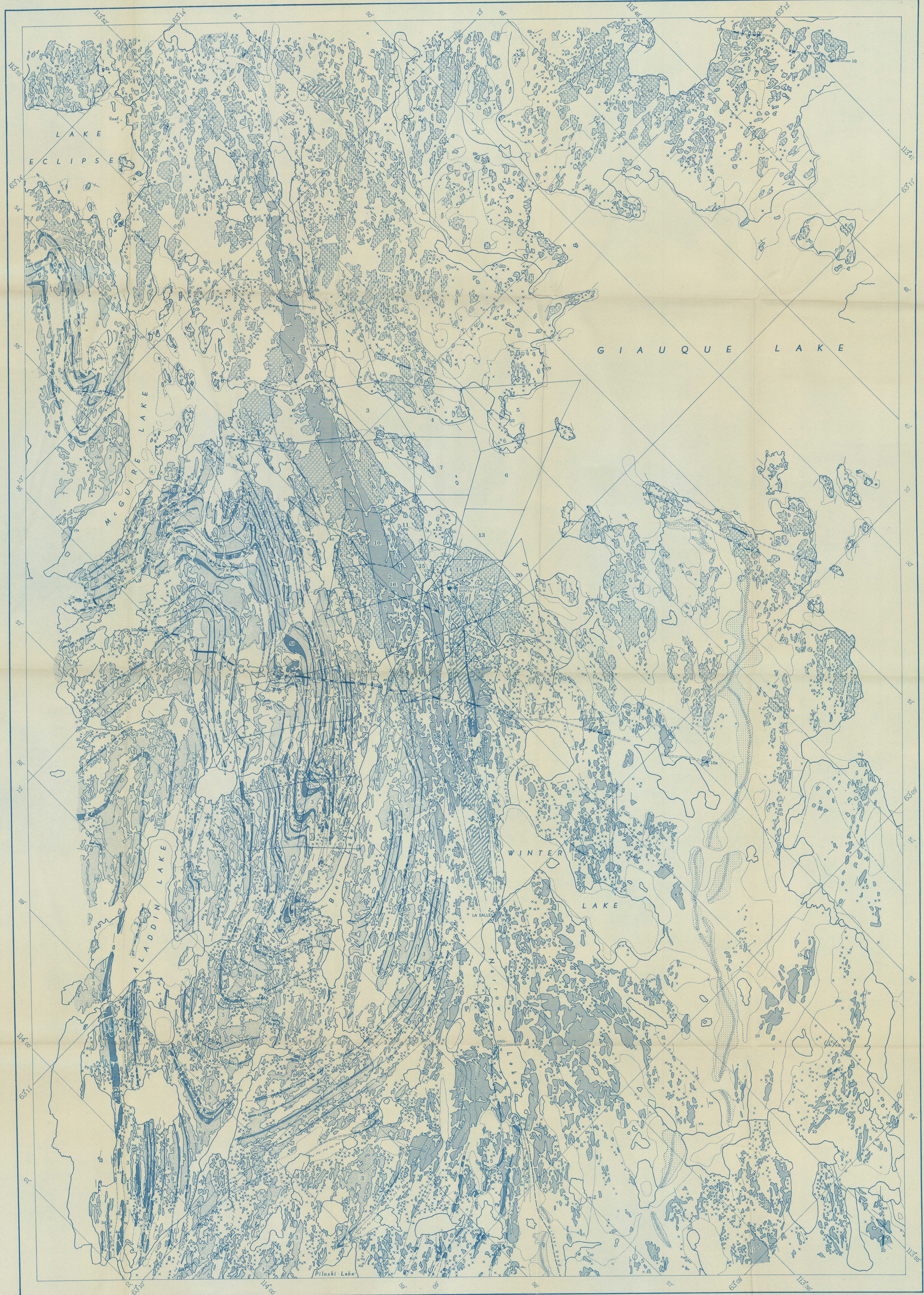
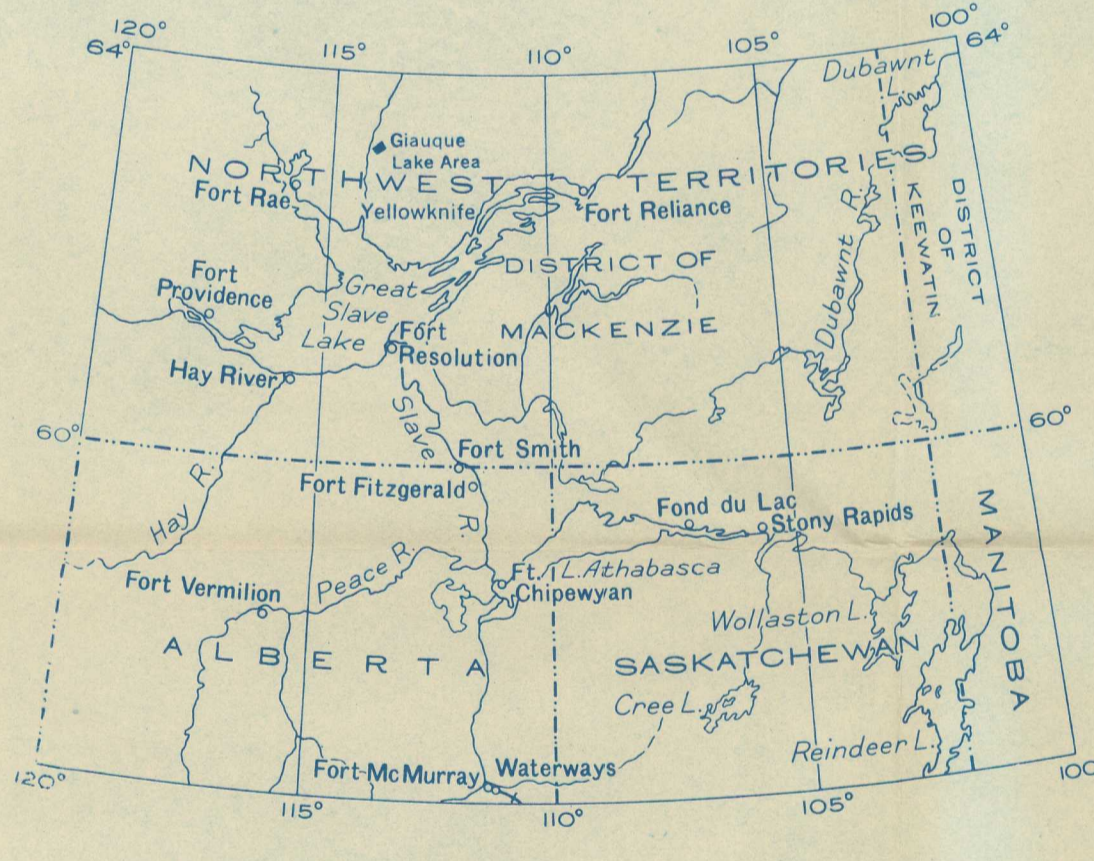
MINERAL OCCURRENCES

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

INDEX TO MINERAL CLAIMS

- | | | |
|-------------------|------------------------|--------------------|
| 1. Joan 9 | 11. G.P.S. 6 | 21. Avis 2 |
| 2. NWB 5 Fraction | 12. NWB 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. NWB 1 | 17. G.P.S. 1 | 27. Ash 5 |
| 8. NWB 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, 1949
 Base-map by Topographical Survey 1928
 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 = 125000
 0 1000 2000 3000 Feet

This map has been reprinted from a scanned version of the original map. Reproduction par numérisation d'une carte sur papier.