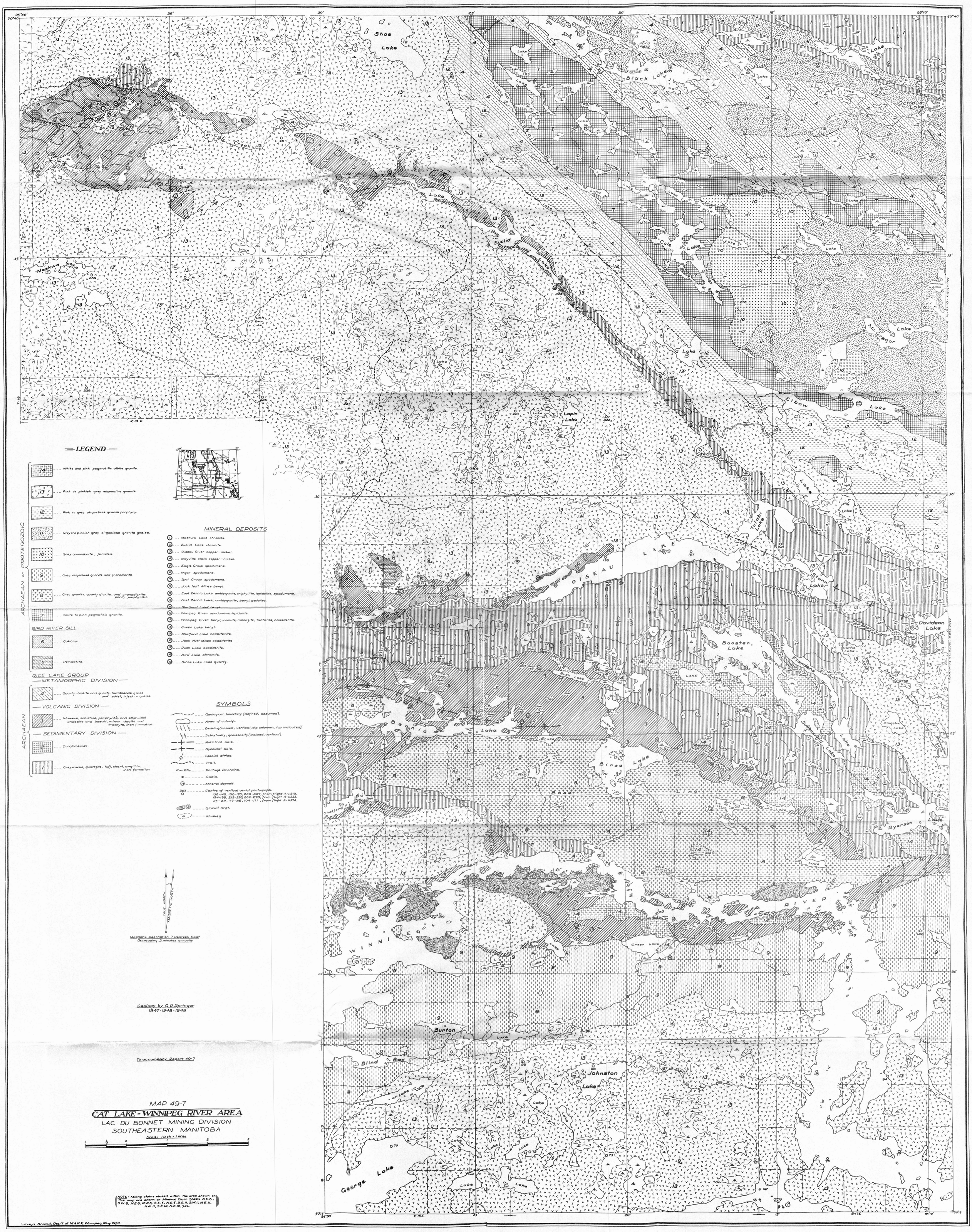
Manitoba
Department of Mines and Natural Resources
MINES BRANCH



LEGEND

ARCHAEAN or PROTEROZOIC

- 14 — White and pink pegmatitic albite granite.
- 13 — Pink to pinkish grey microcline granite.
- 12 — Pink to grey oligoclase granite porphyry.
- 11 — Grey and pinkish grey oligoclase granite gneiss.
- 10 — Grey granodiorite, foliated.
- 9 — Grey oligoclase granite and granodiorite.
- 8 — Grey granite, quartz diorite, and granodiorite, partly porphyritic.
- 7 — White to pink pegmatitic granite.

BIRD RIVER SILL

- 6 — Gabbro.
- 5 — Peridotite.

RICE LAKE GROUP

ARCHAEAN

METAMORPHIC DIVISION

- 4 — Quartz-biotite and quartz-hornblende gneiss and schist, injection gneiss.

VOLCANIC DIVISION

- 3 — Massive, schistose, porphyritic, and ellipsoidal andesite and basalt, minor dacite and trachyte, iron formation.

SEDIMENTARY DIVISION

- 2 — Conglomerate.
- 1 — Greywacke, quartzite, tuff, chert, argillite, iron formation.

MINERAL DEPOSITS

1. Maskwa Lake chromite.
2. Euclid Lake chromite.
3. Oiseau River copper-nickel.
4. Mayville claim copper-nickel.
5. Eagle Group spodumene.
6. Ingon spodumene.
7. Spot Group spodumene.
8. Jack Nutt Mines beryl.
9. East Bernic Lake amblygonite, triphyllite, lepidolite, spodumene.
10. East Bernic Lake, amblygonite, beryl, petalite.
11. Shatford Lake beryl.
12. Winnipeg River spodumene, lepidolite.
13. Winnipeg River beryl, uraninite, monazite, tantalite, cassiterite.
14. Green Lake beryl.
15. Shatford Lake cassiterite.
16. Jack Nutt Mines cassiterite.
17. Rush Lake cassiterite.
18. Bird Lake chromite.
19. Birse Lake rose quartz.

SYMBOLS

- Geological boundary (defined, assumed).
- Area of outcrop.
- Bedding (inclined, vertical, dip unknown, top indicated).
- Schistosity, gneissosity (inclined, vertical).
- Anticlinal axis.
- Synclinal axis.
- Glacial striae.
- Trail.
- Portage 20 chains.
- Cabin.
- Mineral deposit.
- 203 — Centre of vertical aerial photograph. 138-146, 156-173, 200-207, from flight A-11319. 194-199, 219-228, 269-278, from flight A-11333. 25-29, 77-88, 104-111, from flight A-11374.
- Glacial drift.
- Muskeg

TRUE NORTH
MAGNETIC NORTH

Magnetic Declination 7 Degrees East
Decreasing 3 minutes annually

Geology by G.D. Springer
1947-1948-1949

To accompany Report 49-7

MAP 49-7

CAT LAKE - WINNIPEG RIVER AREA

LAC DU BONNET MINING DIVISION
SOUTHEASTERN MANITOBA

Scale: 1 Inch = 1 Mile

NOTE: Mining claims staked within the area shown on this map are shown on Mineral Claim Sheets S.E.6, S.W.6, N.E.6, N.W.6, S.E.5, N.E.5, S.E.11, S.W.11, N.E.11, N.W.11, S.E.12, N.E.12, 52L.

Surveys Branch, Dep't of M & N.R. Winnipeg, May 1950.