











LEGEND

-  Diorite porphyry dikes and later andesite porphyry dikes.
-  (8a) Quartz-feldspar porphyry, quartz porphyry, and rhyolite; may be older than 7; (8b) Felsite, associated with 8a; in part maybe extrusive and related to 2 and 3
-  Biotite granite and granite gneiss, pink to grey; minor hornblende-bearing phases and quartz diorite:
(7a) Quartz-rich granite, gneiss and crushed
(7b) Porphyritic granite, gneiss in part and containing schlieren;
(7c) Hornblende granite;
(7d) Binary granite, or granite almost lacking ferromagnesian minerals;
(7e) Granite gneiss;
(7f) Impure granite gneiss, containing digested or included material.
-  Diorite, quartz diorite; some granodiorite and hornblende granite.
-  Diorite, some gabbro; undifferentiated basic intrusions; may include some altered volcanic rocks.
-  Gabbro, gabbro gneiss, norite, hornblende; includes minor narrow anorthositic bands at Tow Lake.
(4a) Norite; some narrow anorthositic bands
-  Chiefly andesite and basalt lavas, massive to schistose:
(2a) Amygdaloidal lavas
(2b) Porphyritic andesite and basalt;
(2c) Hornblende-feldspar gneisses and schists and dioritic rocks derived from 2;
(2d) Coarse-grained lavas
(2e) Granitized volcanic rocks
-  Flow breccias, agglomerates, pyroclastic breccias, tuffs and basic flows; interbedded:
(3a) Basic flow breccia;
(3b) Porphyritic basic flow breccia;
(3c) Agglomerate and pyroclastic breccia;
(3d) Tuffs.
-  Chiefly sedimentary rocks: tuffs and quartz-feldspar-biotite-hornblende schists, interbedded with some basic lavas.
-  Complex of hornblende schists and gneisses, diorite and gabbro, and gneissic biotite granite; typical injection gneiss north of Wellmet Lake:
(Aa) Gneissic biotite granite
(Ab) Hornblende schists and gneisses derived from lavas;
(Ac) Basic intrusions, chiefly diorite.

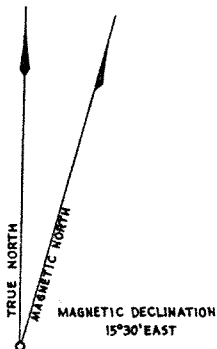
SYMBOLS

- Outcrop boundary
- Geological boundary: defined, approximate
- Bedding: vertical; inclined (Top unknown)
- Schistosity: vertical; inclined
- Fault or shear
- Pit or stripping on sulphide concentration
- Location of diamond drilling
- Occurrences of pyrite, pyrrhotite, chalcocite, Py, Pr, Cpy, sphalerite, molybdenite, iron oxide. Sph, Mo, R.
- Glacial striae
- Cabin
- Portage, length in chains
- Falls and Rapids
- Esker

Geology of Nickel Lake Mines property on south shore of Barrington Lake, west part of map-area, is adapted from survey by Dr. G. M. Brownell, 1947

Geology of Lunbar Mines property, east and south of Tow Lake, is adapted from survey by R. J. Merrill, 1947

Geology by G. P. Crombie, 1947



Note: Mining claims staked within the area shown on this map are shown on Mineral Claim sheets SE.16, 64-C and NE.16, 64-C

