

LEGEND

- PROTEROZOIC**
- 8 Diabase
  - 7 ATHABASKA SERIES: sandstone
- ARCHAEO OR PROTEROZOIC**
- 5, 6 5. Schist and gneiss (3) intimately mixed with granite and granite-gneiss (6); some hornblende gneiss and basic intrusions
  - 6. Granite and granite-gneiss; minor syenite and granodiorite; pegmatite and apatite; 6a, quartz diorite and granodiorite; 6b, granite containing abundant inclusions of schist and gneiss
  - 4 Gabbro and pyroxenite, mainly altered to hornblende; some hornblende gneiss and schist, partly of volcanic origin; serpentine; minor sedimentary and granitic rocks
  - 2, 3 2. Argillite, slate, quartzite; 2a, mainly conglomerate
  - 3. Biotite and biotite-garnet schist and gneiss; some quartzite, argillite, and greywacke; minor limestone. Mainly derived from sedimentary rocks; some interbedded hornblende schist and gneiss derived mainly from (1)
  - 1 Andesite and some rhyolite; hornblende and chlorite schist and gneiss; minor sedimentary and granitic rocks; 1a, includes some basalt, tuff, and agglomerate; 1b, includes some gabbro and pyroxenite (4)

- Recessional moraine
- Fault
- Glacial striae
- Esker
- Mineral occurrence
- Mining property

NOTE. Quartz veins carrying arsenopyrite, pyrrhotite, chalcopyrite, and pyrite with, in places, small amounts of gold, occur in schists and gneisses (3, 5, and 6). Veins and disseminated deposits of pyrrhotite, chalcopyrite, and magnetite occur in joints and shear zones in gabbro (4) and in hornblende schist and gneiss (1)

INDEX TO MINING PROPERTIES

- 1. Hall (Nickel, Copper, Platinum)
- 2. Tremblay Olson (Nickel, Copper, Platinum)
- 3. Red Hill (Pyrrhotite)

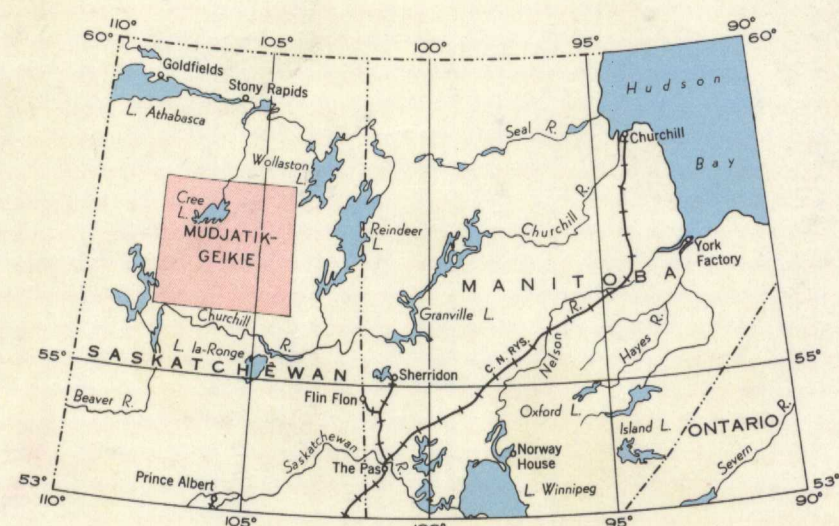
Geology compiled by H.M.A. Rice, 1948

Cartography by the Geological Mapping Division, 1950

- Settlement
- Fall and rapid
- Marsh
- Height in feet above mean sea-level

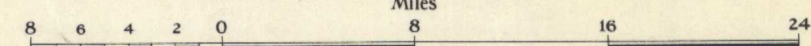
Base-map compiled and drawn by the Surveys and Mapping Branch

Approximate magnetic declination, 22° 00' East



MAP 1007A  
MUDJATIK-GEIKIE  
SASKATCHEWAN

Scale: One Inch to Eight Miles = 1/506,880



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