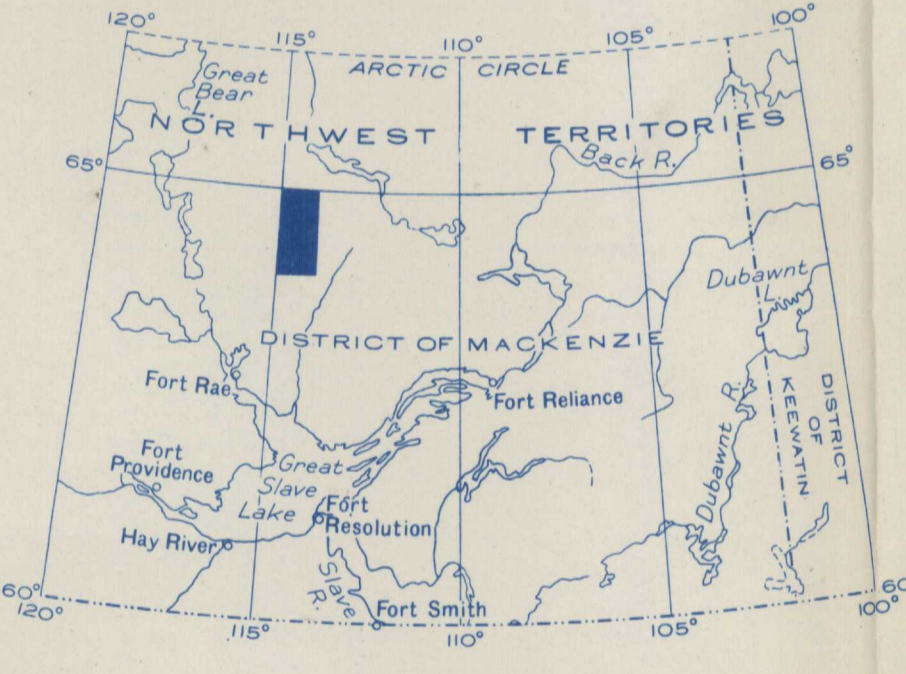


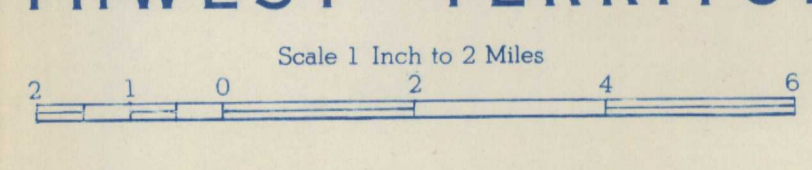
- LEGEND**
- PROTEROZOIC**
- 6 Diabase, diorite, and gabbro (dyke-rocks)
 - 5 Massive and gneissic granite, granodiorite, and allied rocks; granitic gneiss; mixed gneisses; inclusions of quartz-biotite and hornblende gneisses; 5a, massive to gneissic granite with few inclusions; granite in part with muscovite (m); 5b, granite and banded gneiss; 5c, heterogeneous granitic rocks with many inclusions; 5d, porphyritic granite or granodiorite
 - Granodiorite, diorite, syenite; 4a, hornblende syenite; 4b, oligoclase granite and feldspar porphyry
- YELLOWKNIFE GROUP (1-3)**
- 3a, greywacke, argillite, slate, arkose, quartzite, phyllite; schist with biotite metacrysts; amphibole schist; 3b, quartz-mica schist with nodules and metacrysts; paragneiss derived from 3a
 - 2 Rhyolite lava, tuff, agglomerate, breccia; 2a, includes amphibole schist and, in part, fine-grained granite
 - 1 Basic volcanic rocks (massive and pillowed lavas, tuff, agglomerate, breccia); minor rhyolite; chlorite schist, amphibole schist, amphibolite; hornblende gneiss
- ARCHAEO**
- A Mixed assemblage of granitic rocks and gneisses and schists derived from sedimentary or, more rarely, volcanic rocks
 - B Massive and gneissic granite and granodiorite; hornblende gneiss; amphibole schist, and amphibolite; meta-diorite and meta-gabbro, in part porphyritic

- Bedding (inclined, vertical, overturned, dip unknown) [Symbol]
- Bedding (direction of dip known, upper side of bed unknown) [Symbol]
- Schistosity, gneissosity, foliation (inclined, vertical, dip unknown) [Symbol]
- Structural trend from air photographs [Symbol]
- Fault (defined, assumed) [Symbol]
- Glacial striae [Symbol]
- Drumlins (in part from air photographs) [Symbol]
- Esker ridge (in part from air photographs) [Symbol]
- Sand, gravel, boulder piles associated with eskers [Symbol]
- Outline of 'esker valley' (in part from air photographs) [Symbol]
- Isograd of metamorphism [Symbol]
- Pegmatite dykes [Symbol]

Geographic names subject to revision
 Geology by Y. O. Fortier, 1948
 Cartography by Geological Mapping Division, 1949
 Base-map surveyed by Topographical Survey, 1941
 Approximate Magnetic Declination 40° East



PRELIMINARY MAP 49-10A
INDIN LAKE
 (EAST HALF)
 DISTRICT OF MACKENZIE
 NORTHWEST TERRITORIES



49-10A
 GSC/CCG OTTAWA
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 ESIC CIST
 NOV 14 1957
 Earth Sciences Branch
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 DMVPC