

LEGEND

- PROTEROZOIC**
- Diabase, gabbro, diorite
  - ET-THEN GROUP
  - MURKY FORMATION: conglomerate
  - Diorite, quartz diorite, granodiorite, syenite, 13a, granite, granodiorite, and allied rocks
  - GREAT SLAVE GROUP (Upper part) (11,12)
  - TOCHATWI FORMATION: shale, argillite, sandstone
  - STARK FORMATION: dolomite, limestone, breccia, shale
  - GREAT SLAVE GROUP (Lower part) (5-7)
  - PETHEI FORMATION: limestone, dolomite
  - KAMOCHELLA FORMATION: shale, slate, argillite, iron formations, limestone, tuff, breccia, agglomerate, andesite
  - SOSAN FORMATION: conglomerate, sandstone, quartzite
  - NONACHO GROUP (8-10)
  - Argillite, quartzite, some slate, greywacke, and conglomerate
  - Slate, greywacke, some argillite, and quartzite
  - Conglomerate, some argillite and quartzite

- ARCHAEO**
- 3. Granodiorite, granite, quartz monzonite, quartz diorite, may be in part of Proterozoic age; 3b, definitely older than Nonacho group; 3b, with inclusion of argillite and quartzite schist (?)
  - 4. Muscovite granite and pegmatite
  - YELLOWKNIFE GROUP (1,2)
  - Pelagopne, quartzite, some knotted quartzite schist and hornfels
  - Diorite, quartz basalt

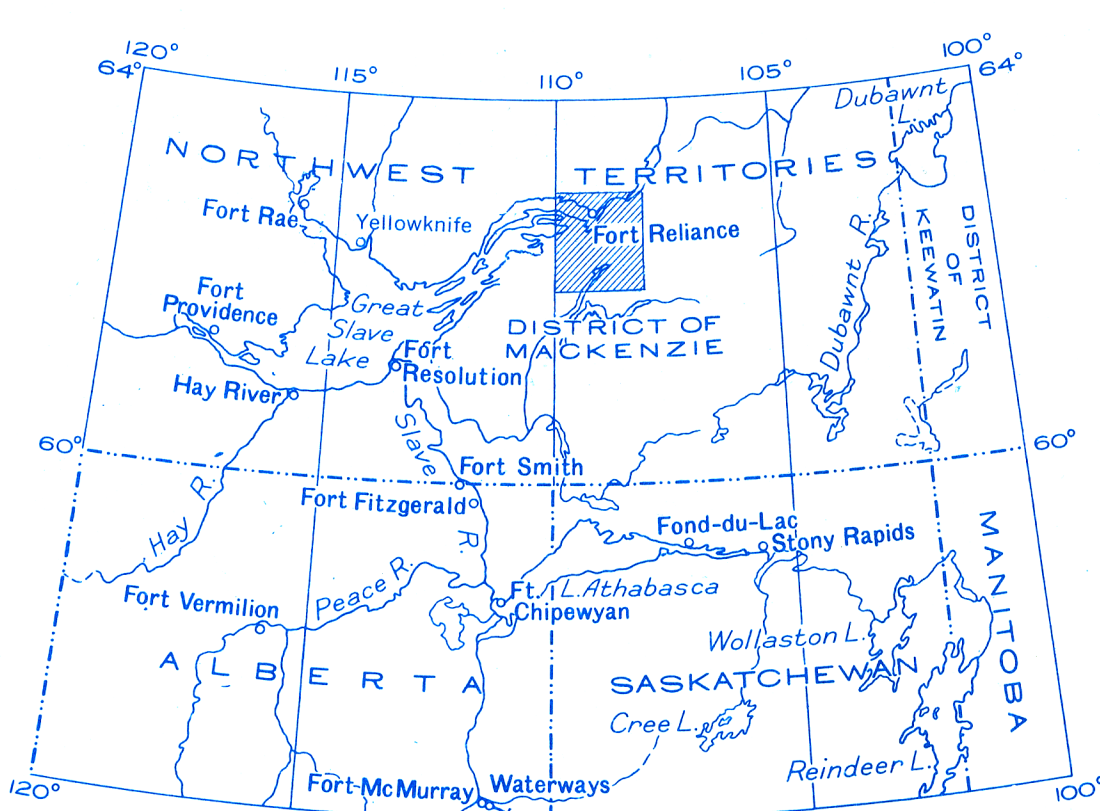
- Sand plain
- Esker
- Bedding (inclined, vertical)
- Schistosity, gneissosity (inclined, vertical, dip unknown)
- Fault (defined, approximate)
- Anticline (position approximate)
- Syncline (position approximate)
- Glacial striae
- Dike ridge
- Prospect or mineral occurrence (copper, graphite) X Cu, G

Geology by C. H. Stockwell, 1929-1931; J. F. Henderson, 1930, and I. C. Brown, 1949.

Base map by Topographical Survey 1938.

Geographic names subject to revision.

Approximate magnetic declination, 32° 25' East.



PRELIMINARY MAP 50-15A  
**RELIANCE**  
DISTRICT OF MACKENZIE  
NORTHWEST TERRITORIES

Scale 1 Inch to 2 Miles = 1:250,000

2 0 2 4 6 8 10 Miles