

CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

PROTEROZOIC

ARCHAEO

LEGEND

- Diabase, gabbro, 13a, porphyritic
Granodiorite
Quartz-feldspar porphyry
Meta-gabbro and meta-diorite dykes;
10a, porphyritic. Arrow indicates direction of dip
Meta-gabbro sills and irregular intrusions; 9a, porphyritic.
YELLOWKNIFE GROUP (1.8)
Diorite, rhyolite (quartz-feldspar porphyries);
7a, massive lava; 7b, pillow lava
Meta-basalt and meta-andesite (greenstone);
8a, massive lava; 8b, pillow lava
Quartzite, conglomerate, greywacke, and tuffaceous beds;
6a, crystal tuffs
Applominate and breccia
Cherty tuffs and tuffaceous beds
Applominate and breccia
Dacite (quartz-feldspar porphyries); agglomerate, tuff
Meta-basalt and meta-andesite (greenstone);
1a, massive lava; 1b, pillow lava;
1c, mixed massive and pillow lava;
1d, greenstone injected by granodiorite (12);
1e, variolitic pillow lava

- Rock outcrop.....
Bedding (inclined, vertical, overturned).....
Bedding (dip known, top of bed unknown).....
Bedding (dip unknown, top of bed indicated by pillow structure).....
Fault (probably post-diorite).....
Fault, shear zone (probably pre-diorite).....
Mine shaft.....
Property boundary.....

Geology by J. F. Henderson and I. C. Brown, 1947, 1948.

Base map by Topographical Survey 1946,
and from aerial photographs taken 1943-1946
by the Royal Canadian Air Force.

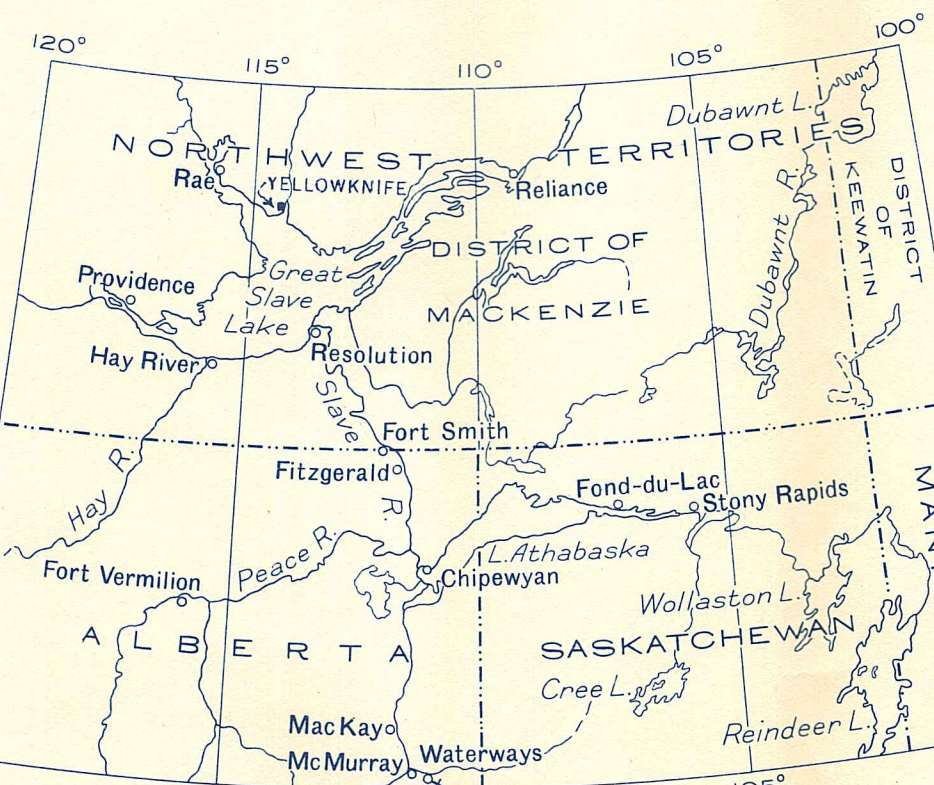
Cartography by the Geological Mapping Division 1949

Geographic names subject to revision

Approximate magnetic declination 35° 00' East

Origin of co-ordinates:
Latitude 63° 00'
Longitude 114° 30'

Geographic position based on astronomic observation



PRELIMINARY MAP 49-26A
YELLOWKNIFE
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES
(SHEET 3)

Scale 1 inch to 500 Feet



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