

LEGEND

- PROTEROZOIC**
- Diabase, gabbro, Ss, porphyritic
 - Granodiorite, 7s, containing many inclusions of greenstone (1-6)
 - Meta-gabbro and meta-diorite dykes, Ss, porphyritic. Cross-hatched dykes are 'marker dykes' used to interpret fault movements. Arrow indicates direction of dip
 - Meta-gabbro sills, Ss, porphyritic
 - YELLOWKNIFE GROUP (1-4)**
 - Cherty tuffs and tuffaceous beds, 4s, crystal tuffs
 - Agglomerate and breccia
 - Dacite
 - Meta-basalt and meta-andesite (greenstone): 1s, massive lava; 1b, pillow lava; 1c, mixed pillow and massive lava; 1d, greenstone injected by granodiorite (7); 1e, variolitic pillow lava
 - Conglomerate, quartzite (age relative to Yellowknife group uncertain)
- ARCHEAN**
- 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), peck indicates direction of dip
 - Fault (probably pre-diorite), arrow indicates direction of dip
 - Mine shaft
 - Surveyed claim post

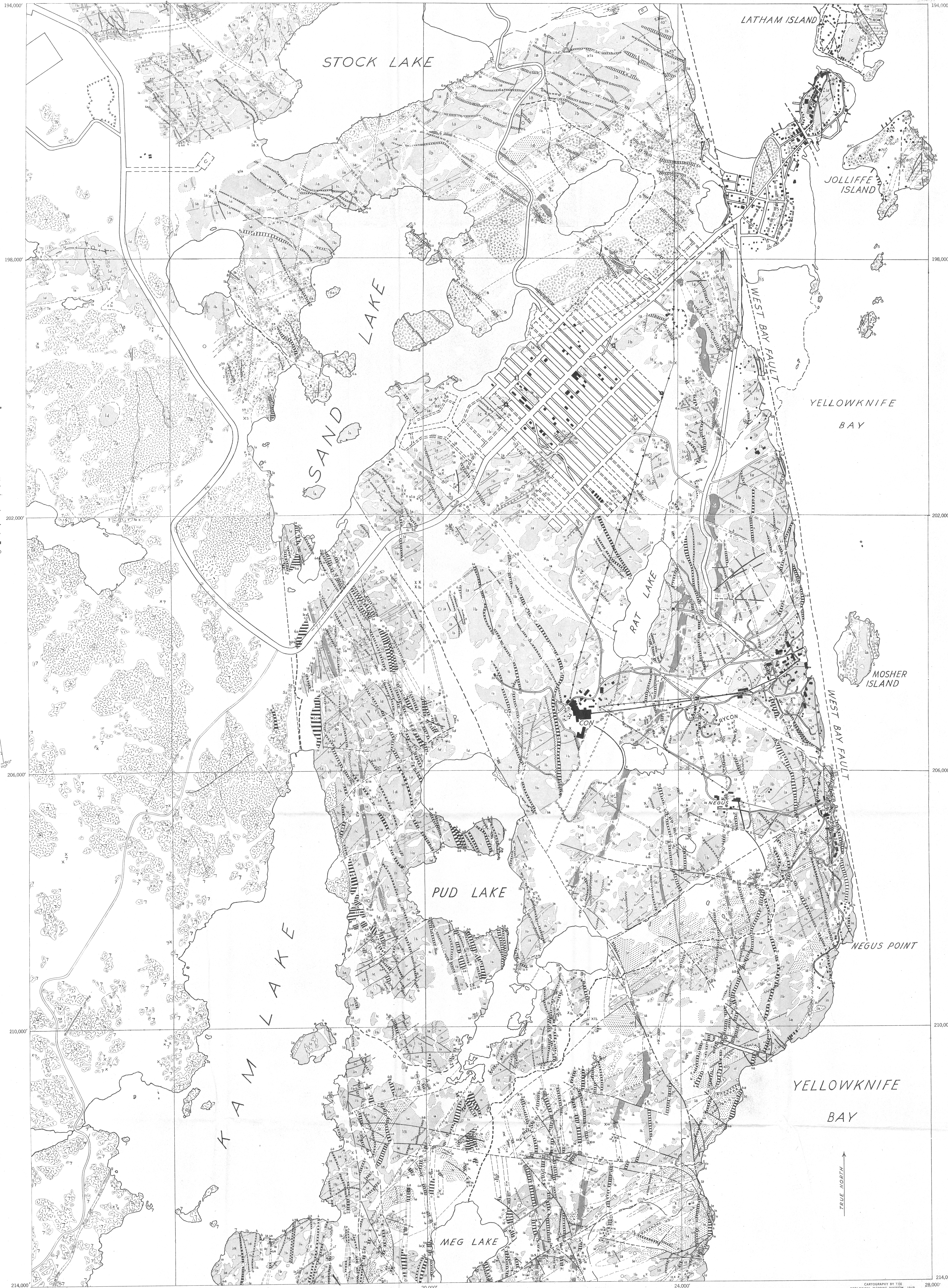
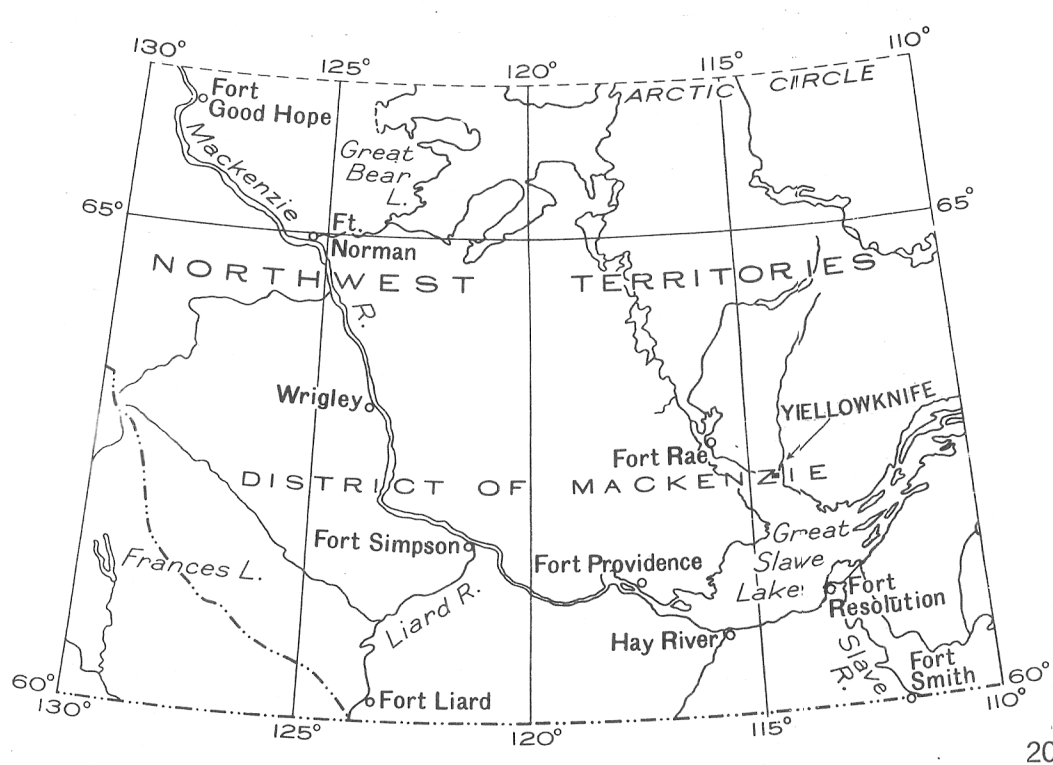
Geology by J. F. Hargraves and I. C. Brown, 1946, 1947

Base-map compiled by the Topographical Survey, from surveys by the Topographical Survey in 1946 and from aerial photographs taken in 1945 and 1946 by the Royal Canadian Air Force.

Geographic names subject to revision

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

Geographical position based on astronomic observation



PRELIMINARY MAP 48-17A
YELLOWKNIFE
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES
SHEET 2

Scale, 1 inch to 500 feet
0 500 1000 1500 2000

CARTOGRAPHY BY THE
GEOLOGICAL MAPPING DIVISION, 1948.

214,000'

28,000'