



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES



LEGEND

- 741** PALÉOZOÏC
 - ORDOVICIAN
 - 9 Fossiliferous limestone
 - 740
 - 9 Diabase and related dyke rocks
 - DUBAWNT GROUP (5-8)
 - 8 Dolostone, siliceous dolostone
 - 156 PALEOZOÏC
 - 7 Basalt. May be younger than 8; possibly the extrusive equivalent of 9; 7a, outliers of similar lithology
 - 735 PALEOZOÏC
 - 6 THELON FORMATION: 6a, conglomerate; 6b, pebbly sandstone; 6c, sandstone, minor siltstone and mudstone
 - 738 PALEOZOÏC
 - 5 FITZ FORMATION: quartz-feldspar porphyries and associated volcanic rocks
 - 751 ALÉGANIEN and/or ALÉBIEN
 - 4 Schist, slate, phyllite
 - 3 Quartzite; minor siltstone, argillite
 - 2 Greenstone
 - 743 1 Granite, granodiorite, and undifferentiated granitoid gneisses

- Heavily drift-covered areas
- Outcrop, outcrop area
- Frost-heaved rock
- Sand
- Geological boundary (defined, approximate, assumed)
- Bedding, tops known (horizontal, inclined, vertical)
- Gneissosity, schistosity (inclined, vertical, dip unknown)
- Lineament
- Fault (defined, approximate, assumed)
- Joint (inclined, vertical)
- Glacial striae (direction of ice movement known, unknown)
- Drumlins, drumlinoid ridges (direction of ice movement unknown)
- Minor moraines, transverse till ridges
- Eskers, sand ridges
- Abandoned beaches
- Sand dunes, blowouts
- Pingo or palsa (observed in field, from air or air photographs)

Geology by J. A. Donaldson, 1965, 1966

This preliminary edition was prepared without final drafting and may be subject to revision and correction

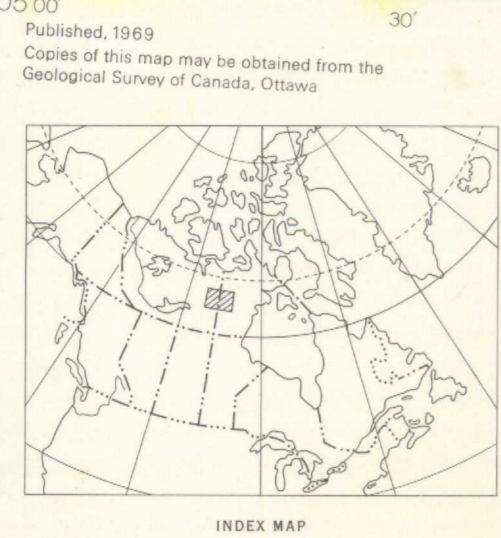
Geological cartography by the Geological Survey of Canada, 1969

Base-map cartography by the Geological Survey of Canada, 1969; from maps published at the scale of 1/250,000 by the Army Survey Establishment, R. C. E., 1964, 1965, 1966, and the Surveys and Mapping Branch in 1955

Mean magnetic declination 17° 56' East decreasing 1.1' annually. Readings vary from 09° 17' in the NE corner to 26° 23' in the NW corner of the map-area

Elevation in feet above mean sea-level

MAP LIBRARY / CARTOTHÈQUE



MAP 16-1968
PAPER 68-49
GEOLOGY
CENTRAL THELON PLAIN
DISTRICTS OF KEEWATIN AND MACKENZIE

Scale 1:506,880
1 inch to 8 miles
Miles 8 0 8 16 24 Miles
Kilometres 12 0 12 24 36 Kilometres

65 NW
G
3401
.C5
1956
G4
omvsc
16-1968

