GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

Figure 1
Mantled domes north of Lyon Inlet, Melville Peninsula, District of Franklin

Scale 1:126,720
1 inch to 2 miles

Miles 2 0 2 4 6 Miles
Kilometres 3 0 3 6 9 Kilometres

LEGEND

- 17 — Diabase
- 15 — Paragneiss, schist, minor quartzite and crystalline limestone
- 14 — Quartzite
- 13 — Crystalline limestone
- 11 — Migmatite, locally includes 10
- 10 — Granitic gneiss, gneissic to massive granite granodiorite and quartz monzonite

Geological boundary (defined, approximate, gradational) . . . .
Bedding, tops unknown (inclined, vertical, dip unknown) . . . . . .
Gneissosity, foliation (horizontal, inclined, vertical, dip unknown) . . . . . .
Fault (approximate, assumed) . . . . . .
Anticline (approximate) . . . . . .
Syncline (approximate) . . . . . .

Geology by W. W. Heywood, 1964, 1965

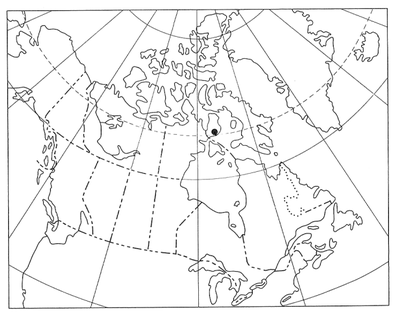
To accompany Paper 66-40 by W. W. Heywood

Geological cartography by the Geological Survey of Canada, 1967

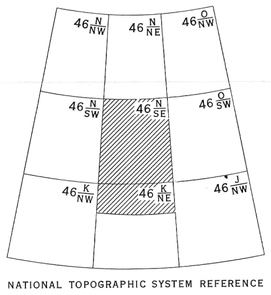
Height in feet above mean sea-level 780

Base-map cartography by the Geological Survey of Canada, 1966 from parts of 1/250,000 scale maps "Mierching Lake" and "Hurd Channel" published by the Army Survey Establishment R. C. E. 1959-61

Mean magnetic declination, 35° 31' West, decreasing 28.5' annually



INDEX MAP



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE

Published 1967, the Centennial of Canadian Confederation 1867 1967

Printed by the Surveys and Mapping Branch
Copies of this map may be obtained from the Director, Geological Survey of Canada, Ottawa

Figure 1.