PRELIMINARY SERIES

PARTS OF SHEETS 56, 57, 66 AND 67

Note: All islands in the seas north of the continental shore are within the District of Franklin, N. W. T.

## LEGEND

PALAEOZOIC

ORDOVICIAN AND/OR SILURIAN

10 — 10a, limestone and dolomite; 10b, sandstone, quartzite, limy quartzite

PRECAMBRIAN

19 — Basalt and diabase dykes and sills

8 7 — 8. Diorite, gabbro; in part intrusive in part may be related to 2
7. Peridotite, serpentinized peridotite, talc schist, talc tremolite schist, soapstone

6 — Granite, granodiorite, quartz diorite; minor syenite; massive to foliated; 6a, gneissic granite, granodiorite, and quartz diorite; in part may be related to or derived from 5

5 — Mixed gneiss, granite-gneiss, includes some schist and gneiss, in part probably derived from sedimentary and volcanic rocks (1, 2); minor anorthosite; in part massive

4 — CHANTREY GROUP
Quartzite, crystalline limestone, chert, conglomerate, greywacke; minor greenstone and biotite and/or muscovite schist and gneiss

3 — HURWITZ GROUP
White quartzite; minor schistose quartzite, crystalline limestone, sandy crystalline limestone; 3a, greywacke and phyllite

2 1 — 2. Plagioclase-hornblende and/or -biotite schist and gneiss, minor quartzite, minor chert and/or garnetiferous schist and gneiss; minor mixed gneiss and granite; 2a, amphibolite, biotite and/or hornblende gneiss, micaceous quartzite, garnet schist and gneiss interlayered with granite-gneiss
1. Greenstone, greenschist, hornblende schist, amphibolite, biotite schist and gneiss; minor micaceous quartzite; minor mixed gneiss and granite; 1a, hornblende schist and amphibolite probably derived from basic to intermediate volcanic rocks; 1b, schist and gneiss derived from sedimentary rocks; 1c, quartzite and schistose quartzite

Rock outcrop . . . . . ×

Geological boundary (approximate, assumed, gradational) . . . . . .

Limit of geological mapping . . . . . .

Bedding (horizontal, inclined, vertical) . . . . . 

Schistosity, gneissosity (horizontal, inclined, vertical, dip known) . . . . . 

Lineation (plunge known, unknown) . . . . . 

Fault (approximate, assumed) . . . . . 

Anticline . . . . . 

Syncline . . . . . 

Fossil locality . . . . . Ⓕ

Mineral occurrence . . . . . ×Fe

Age determination in millions of years . . . . . ⊙1710

### MINERALS

Copper (stain) . . . . . Cu

Iron oxide (rusty zones) . . . . . Fe

Magnetite . . . . . mag

Pyrite . . . . . py

Quartz-magnetite iron-formation . . . i-f

Geology by W.W. Heywood, J.D. Aitken, M. Tremblay, W.L. Davison and B.G. Craig, 1960

Geology compiled by W.W. Heywood, 1961

District boundary . . . . . 

Marsh . . . . . 

Rapids . . . . . 

Trading post . . . . . ⊙Tr.

Height in feet above mean sea-level . . . . . ·285

Cartography by the Geological Survey of Canada, 1961

Air photographs covering this area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa

INDEX MAP

GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MAP 28-1961
TO ACCOMPANY PAPER 61-18

# GEOLOGY
# NORTHERN DISTRICT OF KEEWATIN
## NORTHWEST TERRITORIES

Scale: One Inch to Eight Miles = 1/506,880

Miles 8 4 0 8 16 24

PUBLISHED, 1962
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Adjoins Map 55-17, "Central District of Keewatin"

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MAP 28-1961
NORTHERN DISTRICT OF KEEWATIN
NORTHWEST TERRITORIES

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