CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

LEGEND

LATE PROTEROZOIC

11 — *Diabase and gabbro*

10 — DUBAWNT GROUP (7–10)
Conglomerate, pebbly sandstone; some intercalated sandstone. May be in part older than 8 and/or 9 (West Sheet only)

9 — *Mainly porphyritic igneous rocks (Dubawnt Porphyries); probably in large part extrusive; in part intrusive; some breccia, tuff, and agglomerate*

8 — *Sandstone and pebbly sandstone, arkose, siltstone, minor breccia; probably includes some undifferentiated conglomerate (7 and/or 10)*

7 — *Conglomerate; intercalated gritty sandstone*

ARCHÆAN AND/OR EARLY PROTEROZOIC

6 — *Granite, granodiorite, and allied rocks; in part gneissic and impure, with many bands of partly assimilated schist, gneiss, and amphibolite; in part probably older than 2, and, possibly, 1.* **6a**, *complex of gneissic granitic rocks, sedimentary and volcanic schists, greenstone, diorite, and gabbro, and hornblendite (Ferguson Lake area, West Sheet only)*

5 — *Schist, gneiss, and granulite of Archæan and/or Early Proterozoic age, commonly with some granitic material*

3 — HURWITZ GROUP (2–4)
Greywacke and impure quartzite, conglomerate, dolomite and limestone, quartz-mica schist; minor hornfels; **D**, *dolomite and/or limestone*

4 — *Undifferentiated Hurwitz sedimentary rocks (2, 3);* **Q**, *quartzite (2)*

2 — *Mainly white quartzite; some impure quartzite and gritty sandstone; minor intercalated pebbly conglomerate; includes some undifferentiated 3*

1 — *Intermediate to basic volcanic rocks and derived amphibole schist; in part includes much schistose greywacke (Lower Thelon River belt); undifferentiated basic intrusives. May be of more than one age*

A — *Diorite and gabbro; some syenitic intrusive rocks; minor serpentinite. Probably of more than one age*

B — *Anorthosite*

Bedding (horizontal, inclined, vertical, overturned, dip unknown)
Bedding (direction of dip known, upper side of bed unknown)
Schistosity, gneissosity (inclined, vertical, dip unknown)
Jointing (sub-horizontal)
Fault (position approximate, position assumed)
Mineral occurrence or prospect; hematite zones . . . . . × Cu, ×–×–×

SYMBOLS FOR METALS OR MINERALS

Iron oxide (gossan)	Fe
Copper	Cu
Nickel	Ni
Lead (West Sheet only)	Pb
Pyrite	Py
Pyrrhotite (West Sheet only)	Po

Geology by G. M. Wright, C. H. Smith, J. G. Fyles, J. A. Fraser, and R. C. Shields, 1954, and, in part, by C. S. Lord, G. M. Wright, H. A. Quinn, and K. E. Eade, 1952
Geological compilation by G. M. Wright, 1955, and C. S. Lord, 1953

Settlement . . . . . o
District boundary . . . . . —·—·—
Fall and rapid . . . . . F R
Marsh . . . . . ⚘ ⚘
Height in feet (approximate) 625

Approximate magnetic declination, 9°00′ West

Cartography by the Geological Cartography Unit, 1955

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

INDEX MAP

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PRELIMINARY MAP 55-17

CENTRAL DISTRICT OF KEEWATIN

(EAST SHEET)

NORTHWEST TERRITORIES

Scale: One Inch to Eight Miles = $\frac{1}{506,880}$

Miles 8 4 0 8 16 24

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