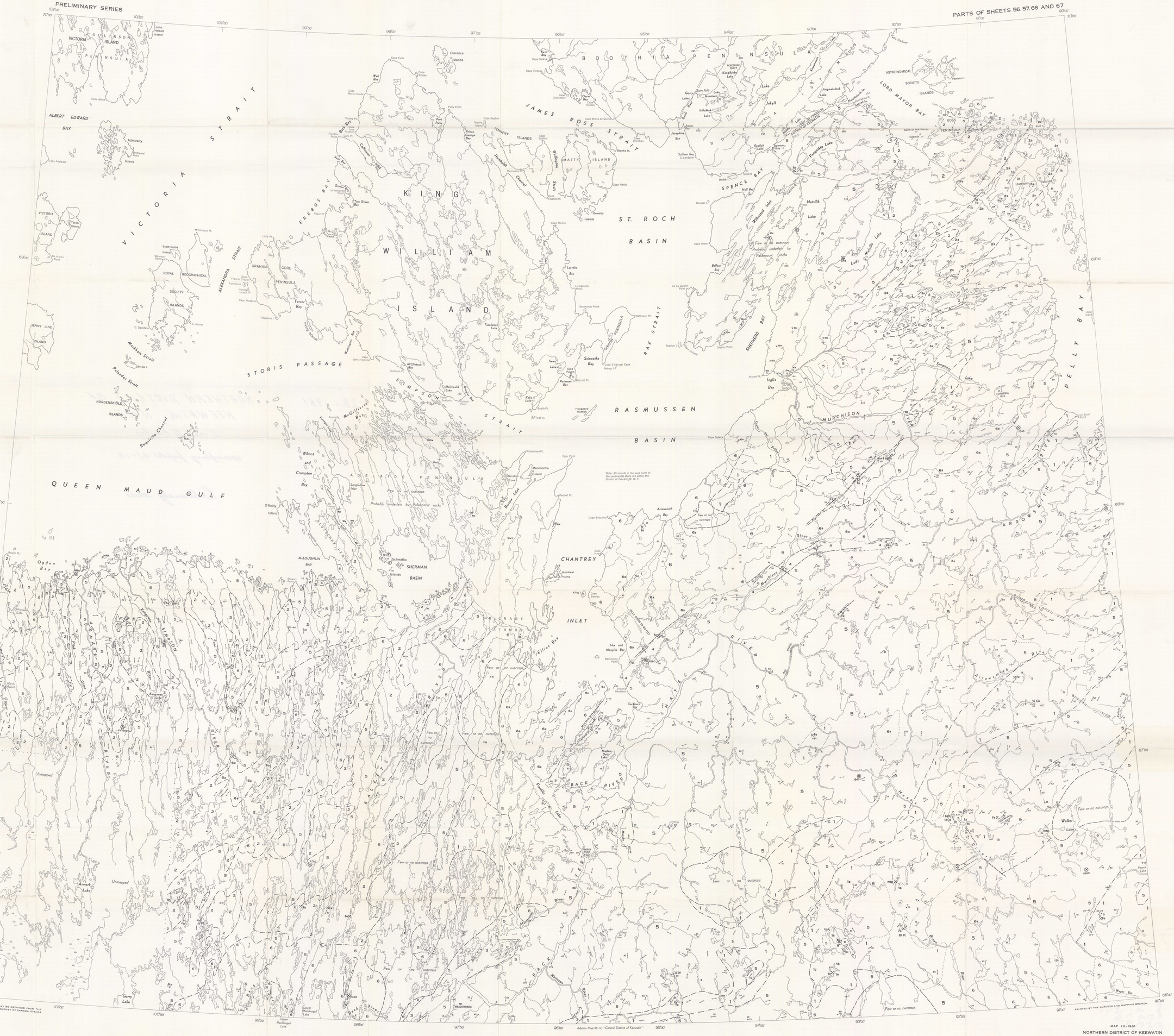
PRELIMINARY SERIES

PARTS OF SHEETS 56, 57, 66 AND 67



LEGEND

PALAEOZOIC

ORDOVICIAN AND/OR SILURIAN

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

19 — Basalt and diabase dykes and sills

8, 7 — 8. Diorite, gabbro; in part intrusive in part may be related to 5
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

PRECAMBRIAN

CHANTREY GROUP

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

HURWITZ GROUP

3 — 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, amphibolite, lime silicate gneiss, 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. Hornblende schist, biotite-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) . . . . . + / ⊥ / 30
Lineation (plunge known, unknown) . . . . . 30 / ⊥
Fault (approximate, assumed) . . . . . .
Anticline . . . . . .
Syncline . . . . . .
Fossil locality . . . . . ⓕ
Mineral occurrence . . . . . XFe
Age determination in millions of years . . . . . ⊙1110

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

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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MAP 28-1961
NORTHERN DISTRICT OF KEEWATIN
NORTHWEST TERRITORIES

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