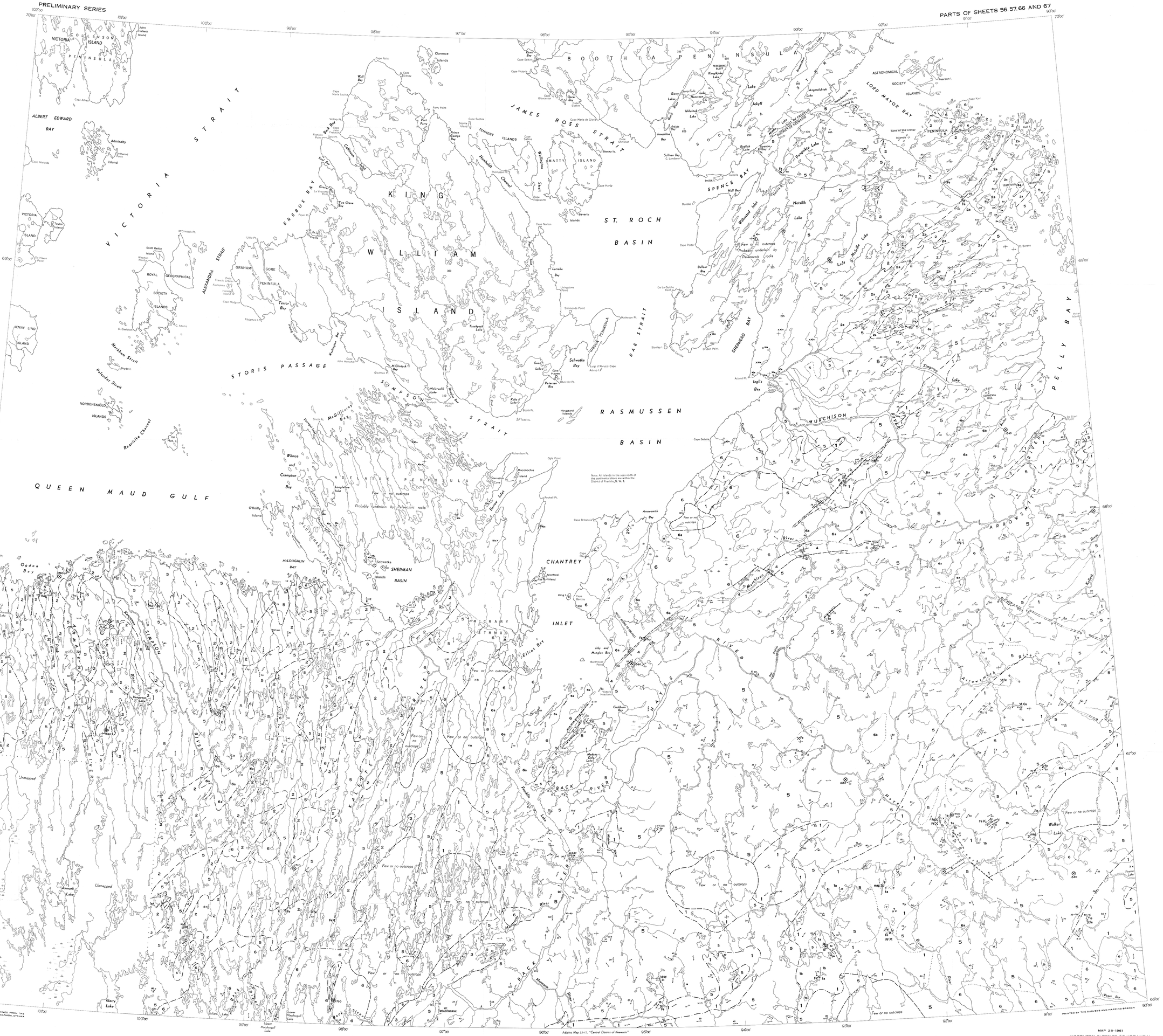
PRELIMINARY SERIES

PARTS OF SHEETS 56, 57, 66 AND 67



LEGEND

PALAEOZOIC

ORDOVICIAN AND/OR SILURIAN

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

PRECAMBRIAN

9	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, 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. 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 x

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 . . . . . F

Mineral occurrence . . . . . XFe

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 . . . . . .

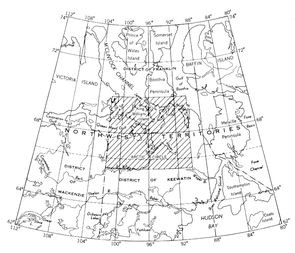
Rapids . . . . . .

Trading post . . . . . OTr.

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 = $\frac{1}{506,880}$

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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