GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

PRELIMINARY SERIES

SHEET 53N

LEGEND

PALAEOZOIC

ORDOVICIAN
UPPER ORDOVICIAN

10	Buff-grey to white limestone, shale

PRECAMBRIAN

9	Dykes: 9a, diabase; 9b, quartz-feldspar-tourmaline-garnet pegmatite 9c, quartz-feldspar-mica (lithium-rubidium)
8	Granite, predominantly leucocratic; biotitic and hornblendic varieties occur locally; 8a, with inclusions of 1 and 2; 8b, aplitic dykes and stocks
7	Granitic and granodioritic gneiss, banded gneiss, amphibolitic gneiss; in the most part younger than 1 and 2; 7a, garnetiferous biotite gneiss; 7b, granitic sections, similar to 8

OXFORD GROUP

6	Granite boulder conglomerate, grit, argillite; may be equivalent to 4
5	Dark grey basic volcanic rocks, pyroclastic rocks, metamorphosed equivalents
4	Granite boulder conglomerate, lithic greywacke, grit, quartzite, dark grey argillite; metamorphosed equivalents; 4a, biotite schist and gneiss, 4b, rusty weathering skarn
3	Ultrabasic rocks, dunite; may be younger

HAYES RIVER GROUP

2	Basic volcanic rocks; minor sediments, metamorphosed equivalents; 2a, predominantly pillow basalt; 2b, massive flows, few pillows; 2c, coarse-grained amphibolite
1	Sedimentary rocks, metamorphosed equivalents; 1a, finely laminated siltstone, sandstone, and quartzite; 1b, interbedded buff weathering quartzo-feldspathic rocks and dark green-grey tuffs and flows, porphyritic basalt; 1c, greywacke, quartzite, acid and basic volcanic rocks

Rock outcrop
Drift-covered area
Geological boundary (defined, approximate)
Geological boundary under drift-covered areas interpreted from aeromagnetic data
Bedding, tops known (horizontal, inclined, vertical, overturned, p indicates pillow determination)
Bedding, tops unknown (inclined, vertical, dip unknown)
Gneissosity (inclined, vertical, dip unknown)
Fault (defined, assumed)
Syncline (position approximate)
Glacial striae (direction of ice-movement known, unknown)
Fossil locality
Mineral occurrence
Iron-formation inferred from aeromagnetic data

MINERAL SYMBOLS

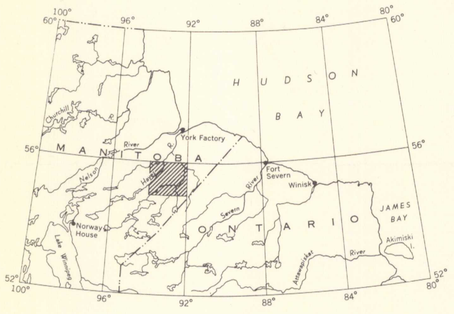
Chalcopyrite . . . . cp Pyrite . . . . . py
Molybdenite . . . . Mo Sulphides . . . . . s

Geology by R. R. Potter, 1961

Building
Intermittent stream
Marsh

Cartography by the Geological Survey of Canada, 1962

Mean magnetic declination, 03° 07' East, increasing 2.6' annually. Readings vary from 05° 11' E in the SW corner to 01° 10' E in the NE corner of the map-area.



INDEX MAP

PUBLISHED, 1962
COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

PRINTED BY THE SURVEYS AND MAPPING BRANCH

MAP 17-1962
TO ACCOMPANY PAPER 62-8

GEOLOGY

GODS RIVER

MANITOBA

Scale: One Inch to Four Miles = $\frac{1}{253,440}$
Miles

Geographical names subject to revision

17-1962

G 3401 .C5 1956 G4 omvfc

REFERENCE COPY
DO NOT MUTILATE

Department of Mines & Technical Surveys
GEOGRAPHICAL BRANCH
AUG 6 1963
MAP LIBRARY

SUPERSEDED
SEP 10 1964
EDITION

c.1
17-1962
~~53N~~

6/2 cag 55 C (1)

This map has been produced from a scanned version of the original map
Reproduction par numérisation d'une carte sur papier

MAP 17-1962
GODS RIVER
MANITOBA
SHEET 53N