

LEGEND

PHANEROZOIC

Mesozoic

Jurassic (0-280 m)

Amaranth Formation - red argillaceous dolomitic siltstone and sandstone overlain by gypsum or anhydrite; Reston Formation - limestone and dolomite, shale interbeds; Melita Formation - fine-grained sandstone, variegated shale, minor limestone



PRECAMBRIAN

Archean

Younger Plutonic Rocks

- Gk Microcline granite
- Gp Porphyritic granodiorite; Gh - hornblende granodiorite, quartz diorite
- G Granite, quartz diorite

Plutonic Rocks of Intermediate Age

- FGp Porphyroblastic granodiorite
- F Quartz diorite
- G Granodiorite, quartz diorite, quartz monzonite; Gp - porphyritic granodiorite; Gk - microcline granodiorite; Gh - granodiorite, quartz diorite containing inclusions of basement gneisses

ENGLISH RIVER DOMAIN

- Gn Gneissic hornblende granodiorite with inclusions of older basement gneisses and amphibolite
- Th Agmatitic tonalite gneiss; Tn - gneissic tonalite

STRATIGRAPHIC NOTE

The map units within the major stratigraphic divisions are in approximate stratigraphic order.

SYMBOLS

- Geological boundary (approximate, interpreted¹)
- Fault (defined, assumed)
- Domain boundary
- Areas of little or no outcrop
- Drill hole
- Exploratory oil well
- Limit of outcrop

¹Interpreted geological boundaries on the Precambrian subsurface are derived from drill hole data and geophysical map interpretations.

REFERENCES

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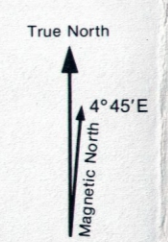
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¹Mineral Resources Division



WABIGOON DOMAIN

Plutonic Rocks of Intermediate Age

- FLZ Quartz monzonite
- FLD Diorite, granodiorite
- FLB Gabbro
- Bh Hornblende gabbro

Metasedimentary and Metavolcanic Rocks

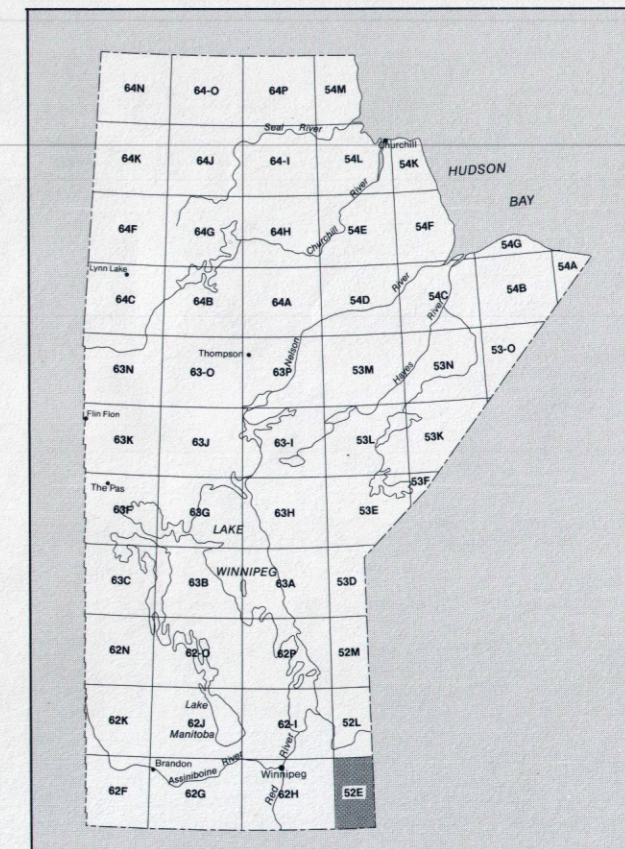
- Pp Pyritiferous siltstone and shale
- W Siltstone, greywacke, subgreywacke, arkose; Wa - mafic wacke
- C Polymictic volcanic conglomerate
- S Arkose
- V Rhyolite and dacite; Vp - porphyritic rhyolite; Vt - crystal tuff with quartz feldspar porphyritic sills and dykes
- V Mafic volcanic and sedimentary rocks, undifferentiated
- V Basalt, andesite; Vo - pillowed flows
- A Amphibolite
- U Ultramafic rocks

BEDROCK GEOLOGY COMPILATION MAP SERIES

PRELIMINARY EDITION

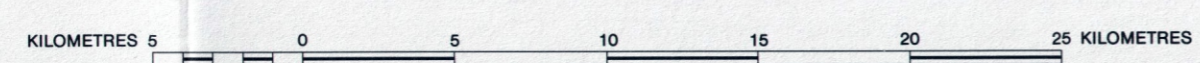
KENORA

NTS 52E



MINERAL OCCURRENCES
 ▲▲ Present/past mineral producer

Scale 1:250 000



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This map is a provisional compilation based on preliminary geological maps. It is not to be regarded as a final interpretation of the geology of the area.

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