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LEGEND

- PRECAMBRIAN
- PROTEROZOIC
- KEWEENAWAN
 - 5 Diabase and related rocks.
- INTRUSIVE CONTACT
- Sibley Group
 - 7 Dolomite, shale, sandstone.
- UNCONFORMITY
- ARCHEAN
- ACID IGNEOUS AND METAMORPHIC ROCKS
- Syenitic Rocks
 - 6 Syenite, nepheline syenite, porphyritic syenite, quartz syenite, mafic syenite or diorite (possibly in part altered gabbroic rocks).
- Granitic Rocks
 - 5a Biotite- and/or hornblende-quartz-feldspar gneiss, augen gneiss, migmatite, granite gneiss, hybrid granite gneiss, amphibolite gneiss.
 - 5b Granite, granodiorite, quartz monzonite, quartz diorite, porphyritic granite and quartz monzonite, pegmatite, quartz porphyry, quartz-feldspar porphyry, feldspar porphyry, undifferentiated granitic rocks.
- INTRUSIVE CONTACT
- BASIC AND ULTRABASIC IGNEOUS ROCKS
 - 4 4a Gabbro, metagabbro, metadiorite.
 - 4b Peridotite, serpentinite.
- INTRUSIVE CONTACT
- METASEDIMENTS^a
 - 3 3a Conglomerate, arkose, greywacke, siltstone, argillite, phyllite, slate, and derived schists.
 - 3b Metasediments with some metavolcanics.
 - 3c Paragneiss, lit-par-lit gneiss, schist.
- Iron formation.
 - I.I.
- METAVOLCANICS^b
 - 2 Acid Metavolcanics
 - 2a Rhyolitic and dacitic tuff, agglomerate and flows.
 - 2b Tuff with some metasediments.
 - Basic Metavolcanics
 - 1a Massive lava, pillow lava, tuff, agglomerate, amphibolite, and derived schists and gneisses.
 - 1b Metavolcanics with some metasediments.

Notes:
a. Formerly classified in part as Couchiching, Kewatin, or Timiskaming.
b. Formerly classified in part as Kewatin.

The letter "G" preceding a rock unit number, for example "G5" indicates interpretation from geophysical data in large drift-covered or unmapped areas.

SYMBOLS

- Fault
- Topographic linear
- Geological boundary (assumed)
- Geological boundary (approximate)
- Geological boundary (as indicated by geophysical data)
- Geological boundary (as indicated by aerial photographs)
- Trace of Axial plane of syncline
- Trace of axial plane of anticline
- ▲ Mineral occurrence

MINERAL OCCURRENCES REFERENCE

- | | | | |
|----------|--------|----------|-------------------------|
| Ag | Silver | Li | Lithium |
| Au | Gold | Pb | Lead |
| Cu | Copper | S | Sulphide mineralization |
| Fe | Iron | Zn | Zinc |

SOURCES OF INFORMATION

Geology from published maps of the Ontario Department of Mines and the Geological Survey of Canada.
Maps and plans of mining companies.
Geological compilation by John C. Davies and A.P. Pryslak, 1966.
Issued 1966.

