

LEGEND

- PROTEROZOIC ?
- 7 Diabase (Keweenaw ?)
  - 6 Foliated and massive granite and granodiorite and associated pegmatite, minor diorite, granitic and granodioritic gneiss; 6a, massive porphyritic granite; 6b, feldspar porphyry
  - 5 5a, syenite; 5b, serpentinite (relative ages not known)
  - 4 Granodioritic and granitic gneiss, includes some of unit 6 *Agdn*
  - 3 3a, migmatite (interlayered biotite-garnet-quartz-feldspar schist and pegmatite granite); 3b, paragneiss (biotite-quartz-feldspar schist and gneiss), minor migmatite; may be same age or older than Savant Group (2a-d) *Ag Ang 918*

- ARCHEAN
- 2 SAVANT GROUP AND EQUIVALENTS ?  
2a, conglomerate, minor agglomerate, greywacke, arkose; 2b, rhyolite, dacite and greenstone agglomerate and tuff, minor conglomerate, greenstone and iron-formation; 2c, slate, greywacke, arkose, iron-formation, quartzite, biotite schist, biotite-quartz-feldspar schist; 2d, dacite and rhyolite agglomerate and tuff, greenstone, meta-siltstone, phyllite, minor greywacke and iron-formation *sA*
  - 1 GREENSTONE  
1a, mafic metavolcanic rocks (greenstone), minor metagabbro, amphibolite, rhyolite, dacite, metasediments and iron-formation; 1b, rhyolite and dacite tuffs and flows; 1c, dacite and associated coarse-grained intrusive (?) phases, diorite; 1c, amphibolite

- Heavily drift-covered area . . . . .
- Rock outcrop . . . . .
- Geological boundary (approximate, assumed) . . . . .
- Bedding, tops known (inclined, vertical, overturned, dip unknown) . . . . .
- Bedding, tops unknown (inclined, vertical, dip unknown) . . . . .
- Foliation, schistosity (horizontal, inclined, vertical, dip unknown) . . . . .
- Gneissosity, banding (inclined, vertical, dip unknown) . . . . .
- Lineation of small folds; crenulations . . . . .
- Lineament from air photographs . . . . .
- Aeromagnetic anomaly ridge . . . . .
- Aeromagnetic anomaly trough . . . . .
- Fault (approximate, assumed) . . . . .
- Glacial striae (direction of ice movement known, unknown) . . . . .
- Mine or mineral prospect . . . . .
- Iron-formation . . . . .
- Sulphides . . . . .

METALS

Copper . . . . . Cu	Lithium . . . . . Li
Gold . . . . . Au	Molybdenum . . . . . Mo
Iron . . . . . Fe	Silver . . . . . Ag
Lead . . . . . Pb	Zinc . . . . . Zn

Geology by R. Skinner 1964-66, and compilation of published maps of Ontario  
Department of Mines and Geological Survey of Canada

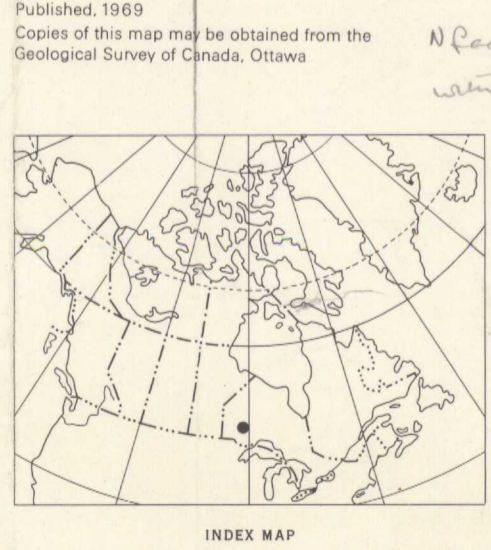
Geological cartography by the Geological Survey of Canada, 1969

This preliminary edition may be subject to revision and correction

Base-map compiled and drawn by the Surveys and Mapping Branch, 1963

Magnetic declination 1969 varies from 01° 13' easterly at centre of east edge to 03° 57' easterly at centre of west edge. Mean annual change increasing 0.5'

Elevations in feet above mean sea-level



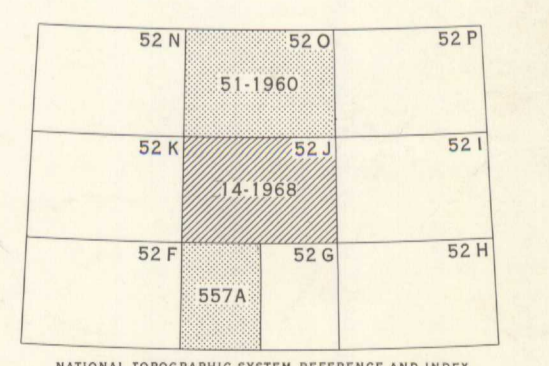
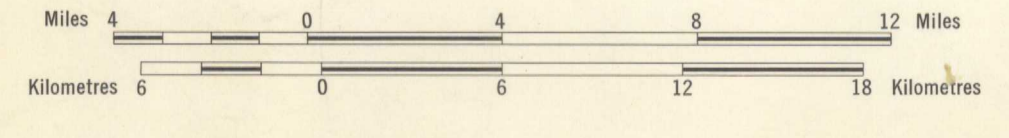
*N. of Manitowish is not  
with head of lake  
to be recognized by a fault  
from 8 from the  
side to SW*

*Dashed  
ooooo  
Keweenaw  
diabase*

*Thinker a fault  
is a fault  
capable  
volcanic*

*Manitowish  
is a fault  
volcanic*

MAP 14-1968  
 PAPER 68-45  
 GEOLOGY  
**SIoux LOOKOUT**  
 ONTARIO  
 Scale 1:250,000



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 3401  
 .C5  
 1956  
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