

LEGEND, ROSEAU (52D)

- Jurassic
  - Ja: Amaranth Formation red siltstone, sandstone
- Archean
  - Ay: syenite, monzonite, diorite; may include nepheline syenite
  - Agu: undivided granitic and gneissic rocks
  - Ag: biotite + hornblende granite, quartz monzonite
  - Atn: foliated tonalite to granodiorite
  - Atn: tonalite to granodiorite gneiss
  - Avs: undivided metasedimentary and metavolcanic rocks
  - Ap: paragneiss: biotite-quartz-plagioclase schist with granitic leucosome
  - Aw: wacke, argillite, siltstone
  - Anm: mafic gneiss, amphibolite
  - Av: undivided metavolcanic rocks
  - Avc: mafic to felsic volcanoclastic rocks
  - Ava: felsic to intermediate volcanic rocks: dacite, rhyolite - may include some andesite and hypabyssal intrusions ("Keewatin"-type volcanics in Wawa, Wabigoon belts)
  - Avb: mafic to intermediate volcanic rocks: basalt, andesite, minor peridotitic komatiite; may include some mafic intrusions ("Keewatin"-type volcanics in Wawa, Wabigoon belts)

Reference to this map should be made in the following form:  
Percival, J.A., 1987, Geological compilation of Roseau (52D), Geological Survey of Canada Open File Map 1482

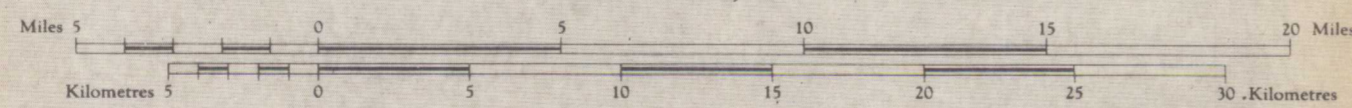
Compilation Sources, Roseau (52D)

- Blackburn, C.E., 1979, Kenora - Fort Frances Sheet, Ontario Geological Survey Compilation Series Map 2443, scale: 1:253,440.
- Ojakangas, R.W., Mossler, J.H., and Morey, G.B., 1979, Geologic map of Minnesota, Roseau Sheet, Minnesota Geological Survey, scale: 1:253,440.

OPEN FILE  
DOSSIER PUBLIC  
**1482**  
GEOLOGICAL SURVEY OF CANADA  
COMMISSION GÉOLOGIQUE DU CANADA  
OTTAWA  
1987

ROSEAU  
CANADA - UNITED STATES

Scale 1:250,000



THE DECLINATION OF THE COMPASS NEEDLE 1966

Figures in red denote approximate distances in miles between stations.

POPULATED PLACES

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 1,000 to 25,000
- Less than 1,000

RAILROADS

- Single track Double or Multiple
- Standard gauge
- Narrow gauge

BOUNDARIES

- State, Province
- County, District
- Park or reservation
- Natural boundary
- Site of station

Other symbols: Landline airport, Landing area, Seaplane airport, Seaplane anchorage, Power line, Water, Wood, Postroad.

U.S. portion prepared by the Army Map Service (ASCTT), Corps of Engineers, U.S. Army, Washington, D.C. Horizontal and vertical control by USCG & GS, USGS, USFS and IBC. Photography field annotated in 1954. Canadian portion prepared by the Army Survey Establishment, R.C.E. Information depicted current as of 1983.

Canada

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