

Manitoba  
Department of Mines and Natural Resources  
MINES BRANCH

— LEGEND —

- RECENT
- 10 Gossan, in part nickeliferous, occurs mainly over 8c.
- INTRUSIVE and GRANITIC ROCKS
- 9 Aplite dykes and quartz-feldspar dykes (in part pegmatitic) all with predominantly pink to red colour (some black tourmaline), and associated pink to red coloured older rocks (4) and (5).
- 8a 8b 8c Trap (8a), Amphibolite (8b) and Peridotite (8c), possibly nickeliferous pyroxenite of English Lake.
- 7 Hornblende-quartz-diorite, diorite and gabbro (not mapped separately in field) - possibly nickeliferous pyroxenite of English Lake.
- 6 Quartz-feldspar dyke (in part pegmatitic) all predominantly grey.
- 5a Complex of 4 and 5.
- 5 Grey to white (plus varying shades of red) biotite granite to biotite-quartz diorite (occasionally some hornblende) usually with some microcline feldspar-structurally is massive to strongly foliated.
- 4 Grey to buff (plus varying shades of red) well-foliated (occasionally massive) biotite and/or hornblende granite to quartz diorite with characteristically zoned feldspar grains and prominent, often elongated bluish quartz grains.
- RICE LAKE GROUP
- 3 Quartzite, micaceous quartzite (some with staurolite and garnet) arkose, slate and tuff and probably some beds of greywacke.
- 2 Tuff with some thin interbedded quartzitic layers.
- 1 Rhyolite, porphyritic rhyolite, amygdaloidal greenstone, ellipsoidal greenstone, agglomerate, andesite, basalt and gabbro (1a) and mafic-amphibolite-quartz-hornblende gneiss and hornblende-plagioclase gneiss.
- ARCHAEOLOGICAL
- SYMBOLS —
- Area of outcrop.  
Geological contact, defined, assumed.  
Strike and dip of foliation.  
Strike and dip of bedding.  
Shears and faults.  
Lineations from aerial photographs.  
Boundary of Hole River I.R. No. 10.  
Base line, monuments and elevations.  
Land sub-division line.  
Trail, portage.  
All weather road.  
Winter road.  
Wagon or Jeep road.  
Glacial striae.  
Rapids, Falls.  
Cabin.  
Mine shaft.  
Prospect.  
Muskeg.  
Glacial drift.  
Ni, Cu, Au, Mo Concentrations of nickel, copper, gold and molybdenum.  
Centre of vertical aerial photograph. All from A-11333, except 237-241 from A-11322.

Magnetic Declination 9° E.  
Decreasing 4 minutes annually.

Geology by G.A. Russell - 1948  
(To accompany Report 48-3.)

NOTE: Mining claims staked within the area shown on this map are shown on Mineral Claim Sheets N.E. 1, 62, R and S.E. 1, 62, P.

Base map compiled by Mines and Surveys Branches, Dept. of Mines and Natural Resources, Manitoba, from National Topographical Series advance sheet 62-P/1.

MAP 48-3

ENGLISH BROOK AREA

RICE LAKE MINING DIVISION

— SOUTHEASTERN MANITOBA —

Scale: 1/2 mile to 1 inch, or 1:31,680

0 1/4 1/2 1 1 1/2 MILES

