

LEGEND

PALAEOZOIC

ORDOVICIAN

LOWER ORDOVICIAN (BEEKMANTOWN)

- 12 MARCH AND OXFORD FORMATIONS: 12a, calcareous and dolomitic sandstone, minor dolomite; 12b, sandy, blue-grey dolomite; 12c, fine-grained blue-grey dolomite and dolomitic limestone

CAMBRIAN OR ORDOVICIAN

- 11 NEPEAN FORMATION: sandstone, minor conglomerate

PRECAMBRIAN

- 10 Diabase and andesite dykes
- 9 Fine- to medium-grained, leucocratic red granite (Rockport type)
- 8 Coarse-grained, massive, leucocratic, pink to brownish grey monzonite, syenite, quartz monzonite, granodiorite, and syenodiorite (Frontenac type)
- 7 Diorite
- 6 Migmatite: poorly foliated intermixed granitic rocks (9) and metamorphic gneisses (4,5)
- 5 Well-foliated hornblende-plagioclase gneiss, minor diopside gneiss
- 4 Well-layered biotite-quartz-feldspar gneiss, locally containing cordierite, garnet, hypersthene, or sillimanite
- 3 White homogeneous quartzite
- 2 Interlayered quartzite-marble transition rock, generally finely laminated and associated with calc-silicates and white pegmatite (1)
- 1 Associated white pegmatite and calc-silicate rocks, minor marble, graphitic rusty gneiss, and white granite; 1a, crystalline limestone (marble)

- Geological boundary (defined, approximate, transitional)
- Foliation (parallel to bedding), horizontal, inclined, vertical
- Bedding, tops known
- Lineation (direction and plunge; may be combined with other symbols)
- Minor fold, plunge of fold axis
- Lineament (from air photographs)
- Mineralized zone (pyrite) py
- Glacial striae
- Sand and gravel
- Quarry or mineral prospect

MINERALS

- Barite ba Stone st
- Pyrite py Sand, gravel s
- Magnetite mag

Geology by H. R. Wynne-Edwards, 1962

Cartography by the Geological Survey of Canada, 1963

- Road, all weather 2
- Other roads
- Trail
- Railway
- Telephone line
- Buildings
- Post office Po
- Lighthouse
- Horizontal control point
- International boundary
- County boundary
- Township boundary
- Marsh
- Height in feet above mean sea-level