



LEGEND

PROTEROZOIC

- Diabase
- Pegmatite
- Granite
- Altered quartz diorite, diorite, and gabbro
- Quartz-feldspar porphyry

ARCHAIC

YELLOWKNIFE GROUP

- Granodiorite, quartz diorite, undifferentiated inclusions of schists and numerous basic dykes
- Argillite, greywacke, mica arkose, quartzite, grit and amphibolite beds (uffs 1)
- Modular quartz-mica schists or hornfels, derived from 2
- Altered basic flows, dacite, rhyolite, porphyry (partly intrusive), breccia, tuff, crystalline limestones, conglomerate, interbedded chert and slate

Other symbols:

- Esker and outwash
- Quartz vein
- Altitude of basic dykes in granodiorite (dip known, dip unknown)
- Bedding (inclined, vertical, overturned, dip unknown)
- Bedding (dip known, upper side of bed unknown)
- Bedding (upper side of bed faces as indicated, direction of dip unknown)
- Flow contact
- Schistosity and foliation (inclined, vertical, dips unknown)
- Elongation of nodules in quartz-mica schists and hornfels
- Isograd line of metamorphism
- Fault, shear zone
- Glacial striae
- Drift

Symbols for Metal and Mineral Occurrences

- Gold (Au)
- Lead (galena) (Pb)
- Zinc (sphalerite) (Zn)
- Tungsten (scheelite) (W)
- Molybdenum (molybdenite) (Mo)
- Tantalum, columbite (tantalite-columbite) (Ta)
- Beryllium (beryl) (Be)
- Lithium (spodumene, amblygonite) (Li)
- Tin (cassiterite) (Sn)

Geology by Y. O. Fortier, 1943, 1944, and 1945.

Other symbols:

- Mine shaft
- Building
- Power transmission line
- Portage, water road
- Rapids, falls
- Marsh

PRELIMINARY MAP 47-16A
ROSS LAKE
NORTHWEST TERRITORIES

Scale: 2 inches to 1 mile