

LEGEND

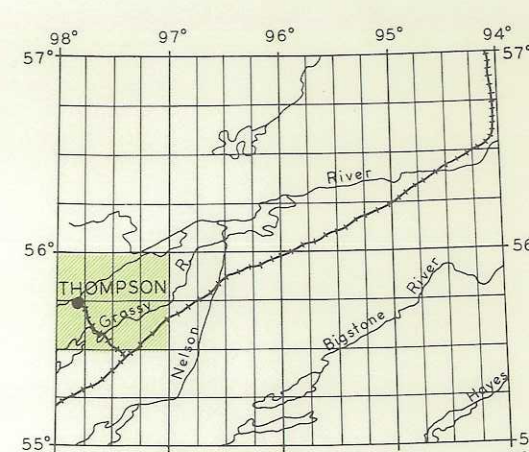
- PRECAMBRIAN**
Lower Proterozoic
- 13 Peridotite, olivine gabbro, gabbro (Cuthbert Lake, Pikwitonei Lake)
 - 12 Red biotite granite, pegmatite
 - 11 Foliated grey granodiorite
 - 10 Granodiorite gneiss, gneissic granodiorite, numerous inclusions of 6 and 7, probably includes large unexposed areas of 6 and 7
 - 9 Serpentinized peridotite, serpentinite
 - 8 Plagioclase amphibolite
 - 7 Plagioclase-quartz-biotite gneiss
 - 6 Garnetiferous plagioclase-quartz-biotite-microcline-sillimanite gneiss; 6a, magnetite-rich gneiss
- Assean Lake group**
- 5 Micaceous quartzite, phyllite, quartz-mica schist, skarn, iron-formation
- Archaean**
- 4a, 4b Charnokite; 4a, pseudo-charnokite; 4b, granodiorite gneiss possibly derived from charnokite, but may be all or in part 19
 - 3 Meta-gabbro
 - 2 Quartz-plagioclase-garnet gneiss
 - Micaceous quartzite, quartz-mica schist, skarn, iron-formation

SYMBOLS

- Area of outcrop
- Small outcrop
- Geological boundary (approximate, between sub-units)
- Bedding
- Schistosity
- Drag-fold (relative movement shown by shape, plunge by arrow)
- Shearing, faulting, assumed or approximate
- Mine shaft
- Glacial striae, direction of motion not known
- Railroad
- Road
- Hydro-electric transmission line
- Falls and rapids

Geology by
J. M. PATTERSON, 1958, 1959, 1960
J. A. McDONALD 1959, 1960
G. C. MILLIGAN, 1959
To accompany Publication 60-4

The magnetic declination, approximately 11°E in 1960, is decreasing 5 minutes annually.
Aerial photographs numbered:
A14884: 57-59, 101-112
A15021: 53-54, 84-95
A15022: 5-18
A15023: 64-76
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provide complete stereoscopic coverage of the area and are available from the National Air Photo Library, Ottawa.



INDEX MAP

The corresponding sheets of the National Topographic Series are 21, 22, 23, 24 of G.P.



MAP 60-4
THOMPSON-MOAK LAKE AREA
CROSS LAKE MINING DIVISION

