CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA

PRELIMINARY SERIES

SHEET 64 I

LEGEND

PRECAMBRIAN

- /9 Diabase

GREAT ISLAND GROUP (6-8)

- 8 Dolomite, brecciated dolomite and calcareous dolomite
- 7 Shale, slate and arenaceous shale
- 6 Quartzite, greywacke, feldspathic quartzite and argillaceous quartzite
- 5 Granite and granodiorite; 5a, pegmatite; 5b, feldspar porphyry; 5c, micrographic granite
- 4 Gneissic granite, chiefly derived from 1; includes minor amounts of pegmatite and 1 and 3
- 3 Paragneiss; biotite-quartz gneiss, staurolite schist, garnet-biotite-quartz gneiss, mica schist, pyroxenite and biotite-calcite rock
- 2 Andesite, basalt, and basalt breccia; 2a, rhyolite and rhyolite breccia
- 1 Quartzite, greywacke, sandstone and conglomerate; 1a, siltstone and argillite; 1b, arkose; 1c, feldspathized quartzite

PRECAMBRIAN

- A Amphibolite
- B Quartz gabbro

Observed rock outcrop x
Geological boundary (approximate) . . . . . ~
Limit of geological mapping . . . . . .
Bedding (inclined, overturned) . . . . . ⊥
Bedding (direction of dip known, upper side of bed unknown; inclined, vertical) . . . . ⊥
Gneissosity, schistosity (inclined, vertical, dip unknown) . . . . ∥
Fault (assumed) . . . . . ^^^^^^
Glacial striae (direction of ice movement known, unknown) . . . . ↗
Dunes . . . . .
Esker (direction of ice movement unknown) . . . . .
Drumlinoid ridge . . . . . ↗
Approximate position of post-glacial marine strand line from air photographs . . . . ~
Mineral locality, A, B, C, D, and E . . . . . Ⓔ
Fossil locality . . . . . Ⓕ

Geology by F. C. Taylor, 1957

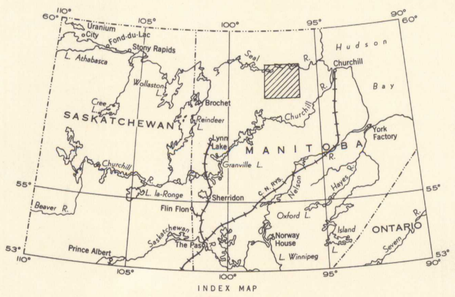
Marsh . . . . . ~
Fall or rapid . . . . . F R
Height in feet above mean sea-level 830

Cartography by the Geological Cartography Unit, 1958

Approximate magnetic declination, 9° 59' West

Air photographs covering this area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario

In response to public demand for earlier publication, Preliminary Series maps are now being issued in this simplified form, thereby effecting a substantial saving in time. There is no loss of information, but the maps will be clearer to read if all or some of the map-units are hand-coloured.



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MAP 15-1958
TO ACCOMPANY PAPER 58-7

SHETHANEI LAKE
MANITOBA

Scale: One Inch to Four Miles = 1/253,440

4 2 0 4 8 12 Miles

MAP 15-1958
SHETHANEI LAKE
MANITOBA
SHEET 64 I

5.1.3
A, Geol.
Shethanei Lake, Man.
15-1958.