

- LEGEND**
- Lower Mississagi formation
  - Pre-Huronian complex
  - Fault (defined, assumed)
  - Lineament
  - Shaft
  - Diamond drill-hole, direction of dip or drift indicated
  - Diamond drill-hole, not providing complete or precise information (i.e. Contact between formations was not observed in core due to an intruded diabase dyke or a fault or due to gradational character)
  - Diamond drill-hole not yet completed, or information not available
  - Uraniferous quartz pebble conglomerate (with relatively high U3O8 content) within the lower Mississagi formation as indicated by diamond drilling
  - Isopachs (or thickness contours) of the lower Mississagi formation between basal unconformity and the base of greywacke-boulder conglomerate
  - Isopachs (or thickness contours) of the shallow water facies of the lower Mississagi formation between basal unconformity and the base of the deep water facies
  - Structure contours on the base of the lower Mississagi formation (interval 500 feet, datum mean sea-level)

Elevations shown and elevations used for drill-hole collars were established by aneroid barometer surveys and are approximate only

Geological data compiled by S. M. Roscoe, 1955

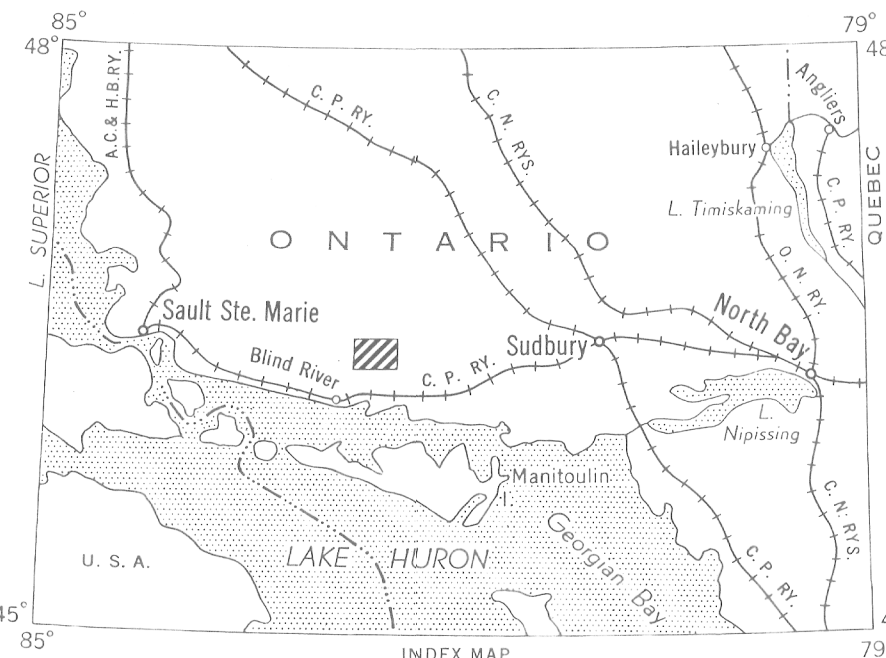
Base-map prepared from maps issued by the Ontario Department of Lands and Forests

To accompany Topical Report No. 4

Approximate magnetic declination, 5° 54' West

Cartography by the Geological Cartography Unit, 1955

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



CANADA  
DEPARTMENT OF  
MINES AND TECHNICAL SURVEYS  
GEOLOGICAL SURVEY OF CANADA

**FIGURE 1**  
**ISOPACHS AND STRUCTURE CONTOURS**  
**QUIRKE LAKE - ELLIOT LAKE**  
BLIND RIVER AREA  
ALGOMA DISTRICT  
ONTARIO

Scale: 1 Inch to 1/2 Mile = 1/31,680  
1/2 0 1 Miles  
5000 0 5000 Feet

