



DESCRIPTIVE NOTES

Contours are based upon existing depth information at the time this map was compiled. Narrow deep valleys are known to exist between some steep-sided bedrock highs but cannot be shown because of map-scale and limited data.
Seismic surveys were conducted in 1962 using conventional 12-trace instruments and explosives and during 1963 using a model FS-2 portable hammer seismograph with a 16 lb. sledge hammer as an energy source. Reversed refraction profiles were procured throughout the seismic surveys.

SOURCES OF INFORMATION

- SEISMIC: by G. D. Hobson and A. C. Grant, Geological Survey of Canada.
- BOREROLE: Open Files, Ontario Department of Mines, Kirkland Lake to August 1964.
G. Bragg, Upper Canada Mines Ltd.
G. H. Charlewood, Heath and Sherwood Drilling Ltd.
H. A. Lee, Geological Survey of Canada.
- OUTCROP: Generalized from Ontario Department of Mines Maps 53 a, 50 c, 1957-A and 1950-3.

*Ontario, Lebel, Gauthier, Boston, McElroy Twp.
1 mile to 2 inches
Map 11-1967*

LEGEND

- BEDROCK: Depth Contours (interval 50 feet) 50
- SEISMIC DATA: (with bedrock depth)
- BORING DATA: (with bedrock depth)
- OUTCROP AREAS:

Interpretation by George D. Hobson and Hubert A. Lee.
Compilation of data by R. M. Gagne'

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DEPTH TO BEDROCK IS OVER 738 FEET
DETERMINED FROM BOREHOLE STOPPED
OCTOBER 1967



MAP 11-1967
THICKNESS OF DRIFT

LEBEL, GAUTHIER, BOSTON AND McELROY TOWNSHIPS
ONTARIO

