



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES



LEGEND

- 6 GULL RIVER FORMATION: member D - brown, semicrystalline and lithographic limestone; member C - alternating massive and thin-bedded grey lithographic limestone; member B - medium beds of grey lithographic, argillaceous and bioelastic limestone; underlain by thin-bedded lithographic limestone
- 5 GULL RIVER FORMATION: member A, upper submember - alternation of grey lithographic limestone and brown fine-crystalline dolomite and limestone
- 4 GULL RIVER FORMATION: member A, middle submember - dark brown, lithographic and digitate (yellow dolomite) limestone; lower submember, brown, fine-crystalline and grey lithographic limestone
- 3 SHADOW LAKE FORMATION: red, black and green shales; sandstone and arkoses
- 2 POTSDAM FORMATION: red, white, grey and yellow, evenly textured, fine-grained sandstone, and siltstone; in Knowlton Lake area this formation includes 81 feet of underlying dark grey shale as lower member (not included above)
- 1 PRECAMBRIAN: undifferentiated - includes crystalline limestone inter-layered quartzite and marble, quartzite, several types of gneiss, pyroxene granulite, migmatite, gabbro, pegmatite, red granite, monzonite, and diabase and andesite dykes

- Rock outcrop
- Geological boundary (defined, approximate)
- Quarry
- Fault (approximate, assumed)
- Glacial striae (with bearing in degrees)
- Sand or gravel pit

Geology by B. A. Liberty, 1964, 1966

To accompany GSC Paper 70-35 by B. A. Liberty

Geological cartography by the Geological Survey of Canada

Approximate magnetic declination 1970,
12°00' West increasing 0.5' annually

Base-map at the same scale published by the
Army Survey Establishment, R. C. E., 1962

Copies of the topographical edition of this map may be obtained
from the Map Distribution Office, Department of
Energy, Mines and Resources, Ottawa

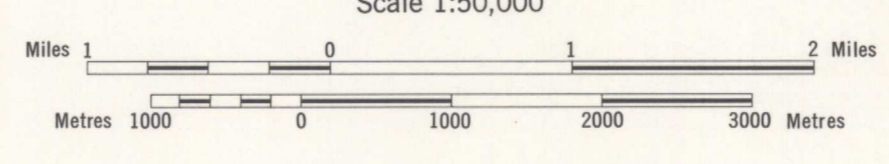
Elevations in feet above mean sea-level

Published, 1970



MAP 18-1870
PAPER 70-35
GEOLOGY
GANANOQUE
ONTARIO

Scale 1:50,000



MAP LIBRARY / CARTOTHEQUE

ESIC CIST
OCT 8 1996
Earth Sciences Section / Sciences de la Terre

APR 26 1971
DEPARTMENTAL
MAP LIBRARY

31C/10 33-1964	31C/9 1182A	31C/12 7-1963	31P/9
31C/7 17-1970	31C/6 18-1970	31C/1 20-1970	

GSC/CGC OTTAWA
00G 03063369

GANANOQUE
ONTARIO

612 cag 55 c

0261-81