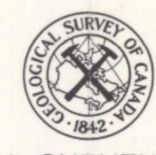


20-1970



GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES



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LEGEND

- 9 VERULAM FORMATION: alternating blue, fine- and medium-crystalline limestone (claystone and lithographic limestone) with grey shale; very fossiliferous
- 8 BOBCAYGEON FORMATION: upper member: grey weathering, brown, fine-crystalline, sublitographic and digitate limestone; fossiliferous
- 7 BOBCAYGEON FORMATION: lower member: greyish-brown weathering, grey, fine-crystalline, and calcarenitic limestone alternating with minor sublitographic limestone
- 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 bioclastic 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
- 2 POTSDAM FORMATION: red, white, grey and yellow, evenly textured, fine-grained sandstone, and siltstone; in Knowlton Lake area this formation includes 31 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 granite, migmatite, gabbro, pegmatite, red granite, monzonite, and diabase and andesite dykes

- Rock outcrop . . . . . x
- Geological boundary (defined, assumed) . . . . . - - - - -
- Quarry . . . . . □
- Glacial striae (with bearing in degrees) . . . . . ↗
- Sand or gravel pit . . . . . \*
- Abandoned well (dry hole) . . . . . ⊕

Geology by B. A. Liberty, 1964, 1966

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

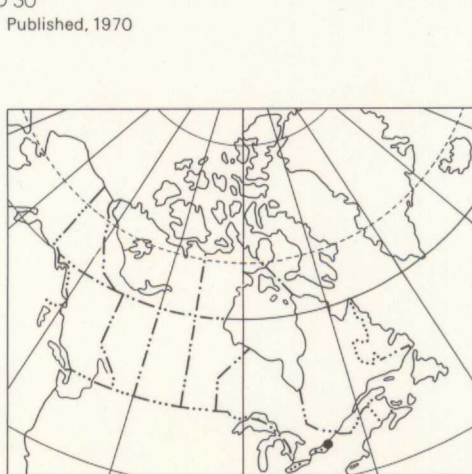
Geological cartography by the Geological Survey of Canada

Approximate magnetic declination 1970,  
11° 50' West increasing 0.6" annually

Base-map at the same scale published by the  
Army Survey Establishment, R. C. E., 1960-62

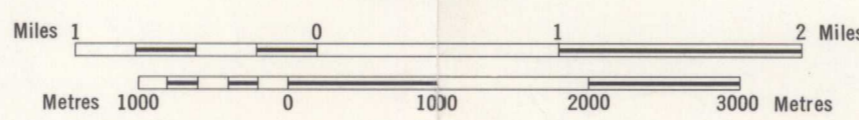
Copies of the topographical edition of this map may be obtained  
from the Map Distribution Office, Department of  
Energy, Mines and Resources, Ottawa

Elevations in feet above mean sea-level



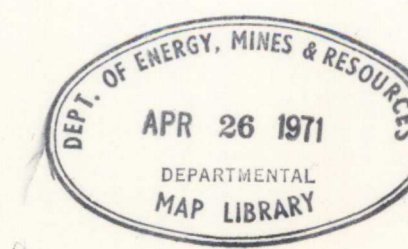
MAP 20-1970  
PAPER 70-35  
GEOLOGY  
WOLFE ISLAND  
ONTARIO

Scale 1:50,000



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31C/7	31C/8	31B/7A
17-1970	18-1970	7-1983
31C/2	31C/1	
19-1970	20-1970	
46-1960	30N/18	

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