

LEGEND

PLEISTOCENE AND RECENT

- 10 Beach and bar deposits: gravel, sand; generally modern, some raised shorelines in northwest part of area
- 9 Modern stream deposits: gravel, sand, silt
- 8 Bog and marsh deposits: peat and muck; in part sedge marsh and meadow
- 7 Outwash deposits: gravel, sand, silt; kames, outwash plain, valley train and delta
- 6 End moraine (till ridges perpendicular to ice motion); mostly till relatively high in lines, minor sand and gravel; commonly less stony than hummocky moraine and most ground moraine
- 5 Hummocky moraine (generally in irregular hillocks and short ridges); till, minor sand and gravel
- 4 Ablation moraine: stony till with little or no fines
- 3 Ground moraine, continuous cover: 3a, stony till 5 to 20 feet thick; 3b, patterned ground
- 2 Ground moraine, discontinuous cover: thin till cover with some ridges and knobs of rock outcrop; locally outcrops may be numerous
- 1 Undivided Proterozoic and minor Paleozoic rocks: bedrock outcrops numerous and may be of considerable extent; areas of shattered bedrock (felsenmeer) are common; patches of thin, generally very stony till separate outcrops

Geological boundary (defined, approximate, assumed)
Glacial striae (direction of ice-movement known, unknown)
Intersecting glacial striae and grooves (numbers indicate relative age, 1 being the oldest)
Oriented ridge
Crag and fall
Eskers, small areas of associated kames: gravel, sand, silt, till (direction of stream defined)
Meltwater channels
Crevasse fillings
Post-glacial raised shorelines and marine deposits (feet above mean sea level)

Geology by E.P. Henderson, 1956-1959

To accompany Memoir 388 by E.P. Henderson

Geological cartography by the Geological Survey of Canada

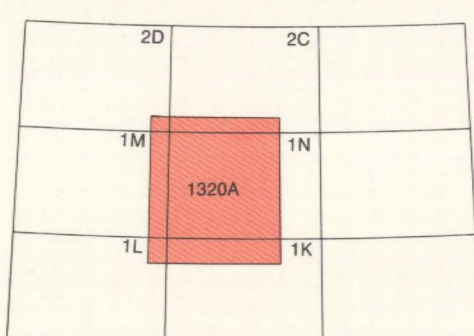
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map assembled by the Geological Survey of Canada from maps published at the same scale by the Surveys and Mapping Branch in 1970, 1971

Copies of the topographical maps covering this map-area may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa

Magnetic declination 1972 varies from 26°36' westerly at centre of east edge to 26°46' westerly at centre of west edge. Mean annual change -3.2'

Elevations in feet above mean sea-level



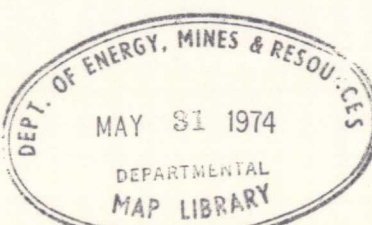
MAP 1320A

SURFICIAL GEOLOGY

AVALON PENINSULA
NEWFOUNDLAND

Scale 1:250,000

Miles 4 0 4 8 12
Kilometres 6 0 6 12 18



Copies of this map may be obtained from the Geological Survey of Canada, Ottawa

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MAP 1320A

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