

LEGEND

Note: This legend is common to maps 7-1972 and 8-1972  
Weighted legend blocks indicate map-units that appear  
on this map

- QUATERNARY**
- Postglacial deposits
- 11 Bog deposits: muck and peat; includes areas of fen vegetation, marsh, meadow
  - 10 Fluvial deposits (modern flood-plain): gravel, sand, silt
- Marine deposits
- 9 Clay, silty clay, silt; generally stratified, but indistinctly so in most exposures
  - 8 Sand, minor silt and gravel
  - 7 Beach, bar, and related deposits: sand and gravel
- Glaciolacustrine deposits
- 6 Clay, silty clay, silt, sometimes varved; locally overlain by thin lenses of sand
  - 5 Sand, minor silt and gravel; generally laid concurrently as lacustrine phase of nearby ice-contact deposits
  - 4 Beach, bar, and related deposits: sand and gravel
- Glaciofluvial deposits
- 3 Ice-contact stratified drift: sand, gravel, minor till in eskers, kames, kame moraines; topography generally hummocky, but may be locally subdued by wave action
- Glacial deposits
- 2 Recessional moraine (ridged topography): sandy till; minor sand and gravel
  - 1 Ground moraine: sandy till; 1a, area of De Geer moraines; 1b, large drumlin

- PRECAMBRIAN AND PALAEOZOIC**
- BEDROCK
- R Paleozoic rocks; mainly limestone and sandstone
  - R Precambrian rocks; mainly granite rocks, some crystalline limestone

- Esker .....
- Geological boundary .....
- Glacial striae and grooves (direction of ice-movement known) .....
- Intersecting glacial striae and grooves (numbers indicate relative age, 1 being the oldest) .....
- Crag and tail .....
- Minor moraines .....
- Spillways .....
- Limit of marine submergence (well-marked, assumed) .....

Geology by E. P. Henderson 1968-1970

To accompany Paper 72-48 by E. P. Henderson

This preliminary edition may be subject to revision and correction

Geological cartography by the Geological Survey of Canada

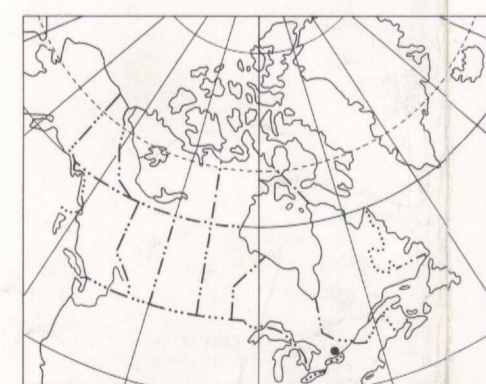
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map assembled by the Geological Survey of Canada from maps; 31 C/11, 31 C/12, 31 C/13 and 31 C/14; published at 1/50,000 scale, by the Surveys and Mapping Branch in 1969, 1970

Approximate magnetic declination 1973, 12° 10' East, increasing 0.2' annually

Elevations in feet above mean sea-level

76° 00' 50' 40' 30'



INDEX MAP

MAP 8 - 1972

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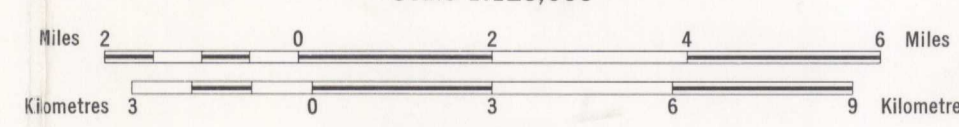
SURFICIAL GEOLOGY

**KINGSTON**

(NORTHWEST SHEET)

ONTARIO

Scale 1:125,000



Universal Transverse Mercator Projection

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31 E/SE	31 F/SW	31 F/SE
31 D/NE	31 C/NW	31 C/NE
31 D/SE	31 C/SW	31 C/SE
1050 A		

NATIONAL TOPOGRAPHIC SYSTEM, REFERENCE AND INDEX TO ADMINISTRATIVE GEOLOGICAL SURVEY OF CANADA MAPS

MAP 8 - 1972

**KINGSTON**

(NORTHWEST SHEET)

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8-1972