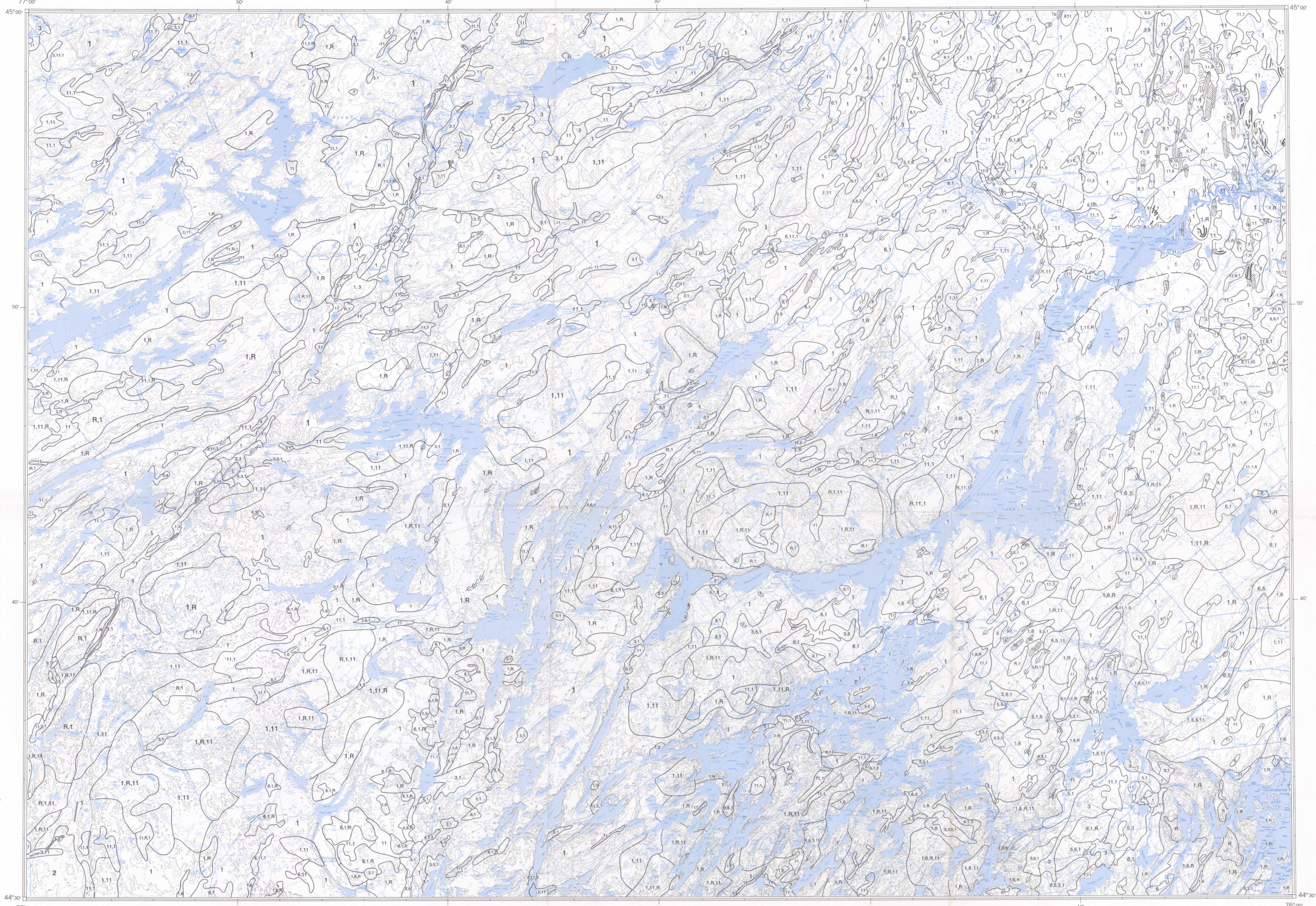




GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES



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, silt, 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, silt, 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
- Glacioluvial 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 drumlins
- PRECAMBRIAN AND PALEOZOIC**
- BEDROCK**
- R Paleozoic rocks; mainly limestone and sandstone
 - P Precambrian rocks; mainly granitic 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)
- Crags and talus
- Minor moraines
- Spillways
- Limit of marine submergence (well-marked, assumed)

Geology by E. P. Henderson: SE quarter 1965, 1966 (Map 22-1966); SW, NE and NW quarters, 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

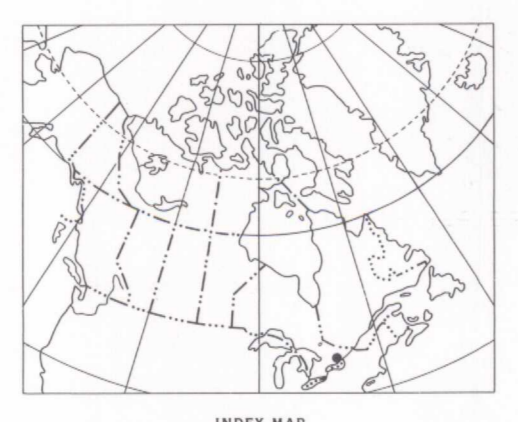
Base-map assembled by the Geological Survey of Canada from maps; 31 C/9, 31 C/10, 31 C/15 and 31 C/16; published at 1/50,000 scale, by the Surveys and Mapping Branch in 1969, 1970

Approximate magnetic declination 1973, 11°12' East, increasing 0.4' annually

Elevations in feet above mean sea-level

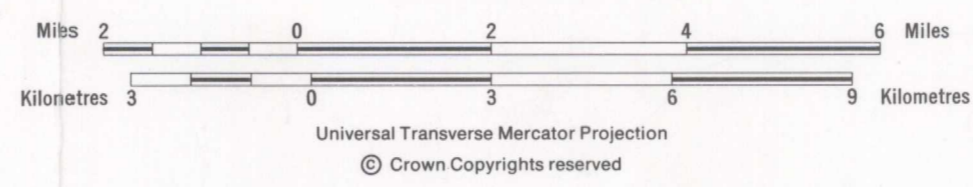
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Earth Sciences Sector des sciences de la Terre



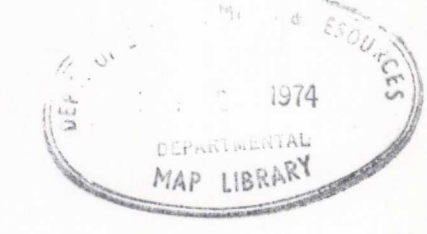
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MAP 7-1972
PAPER 72-48
SURFICIAL GEOLOGY
KINGSTON
(NORTHEAST SHEET)
ONTARIO
Scale 1:125,000



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



Printed by the Surveys and Mapping Branch, 1973

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

MAP 7-1972
KINGSTON
(NORTHEAST SHEET)
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