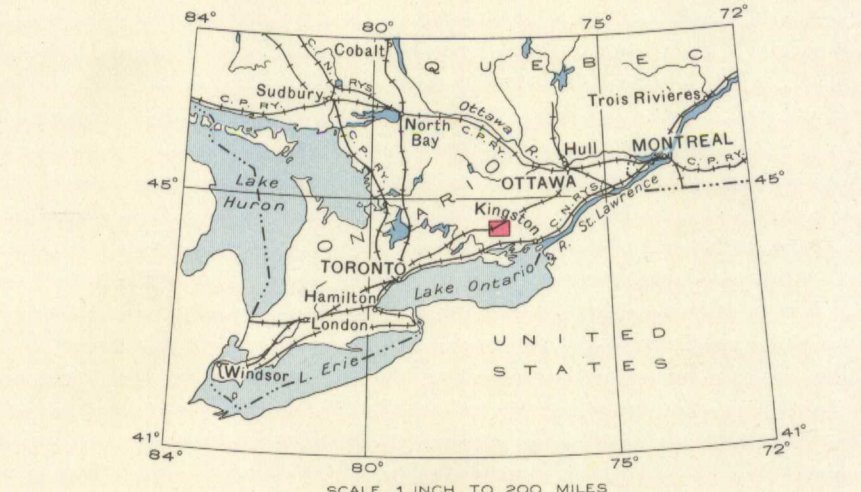


- LEGEND**
- PALAEZOIC**
- 12 LERAY AND LOWVILLE FORMATIONS: limestone
 - 11 PAMELIA FORMATION: limestone, dolomitic limestone, sandy limestone, shale
- POST-HASTINGS**
- 10 Gabbro
 - 9 Pegmatite, rhyolite porphyry, apite
 - 8 Granite-gneiss; 8a, Moira granite; 8b, Deloro granite
 - 7 Diorite, gabbro
- PRECAMBRIAN**
- HASTINGS SERIES AND GRENVILLE SERIES**
- 6 Crystalline limestone, some dolomitic limestone
 - 5 Dolomite, some dolomitic limestone
 - 4 Conglomerate
 - 3 Argillite, slate; mica schist, garnet schist, staurolite schist, quartzite; 3a, mica schist and garnet schist interbedded with amphibole schist
 - 2 Rhyolite, porphyritic rhyolite, rhyolite flow breccia and agglomerate
 - 1 Andesite, amphibole schist, amphibolite
- Areas of few or no rock outcrops; small rock outcrops shown thus x

- NOTE: Areas believed to be underlain by Hastings Series strata are indicated by the symbol H; areas believed to be underlain by Grenville Series strata are indicated by the symbol G.
- Geological boundary (defined, approximate, assumed)
 Bedding (inclined, vertical, overturned)
 Schistosity (inclined, vertical, direction of dip unknown)
 Fault, shear zone, or vein
 Glacial striae
 Shaft
 Prospect
 Quarry
 Road and buildings
 Road not well travelled
 Trail
 Abandoned railway grade
 County boundary
 Township boundary
 Intermittent stream
 Height in feet above Mean sea-level 459'

- Geology by M.E. Wilson, 1920-1925.
 Base-map prepared by the Topographical Survey, 1937, from information supplied by the Geographical Section, General Staff, Department of National Defence. Cartography by the Drafting and Reproducing Division, 1939.
- MINERAL OCCURRENCES**
- Act Actinolite
 - Au Gold
 - As Arsenic (arsenopyrite)
 - Cu Copper
 - Fe Iron (chiefly magnetite)
 - Fl Fluorite
 - Mi Mica
 - Py Pyrite
 - Sl Slate
 - T Talc



MAP 559A
MADOC
 HASTINGS, LENNOX AND
 ADDINGTON COUNTIES
 ONTARIO
 Scale, 63,360 or 1 Inch to 1 Mile
 Miles
 Approximate magnetic declination, 13°30' West.

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