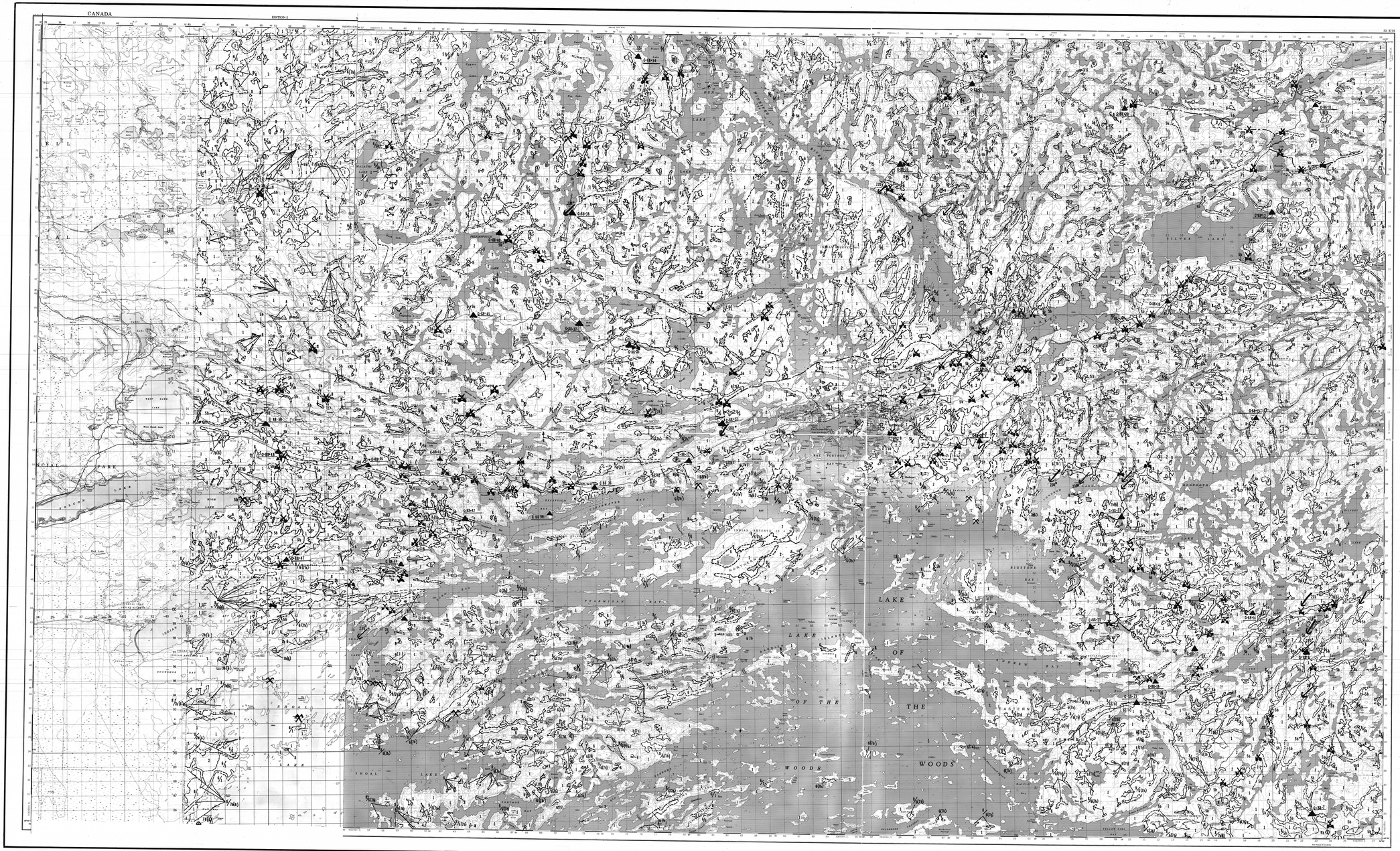

GEOLOGICAL SURVEY OF CANADA

RAT PORTAGE BAY

NTS 52 E/NE

SURFICIAL GEOLOGY

INDEX TO ADJOINING SHEETS

1:100 000

2 1 0 2 4 6

One centimetre represents one kilometre

LEGEND

PHANEROZOIC
CENOZOIC
QUATERNARY
RECENT

- 11 Modern beach deposits: sand
- 10 Modern alluvium: sand, silt, muck; minor gravel
- 9 Eolian sand: fine to very fine sand
- 8 Organic terrain: peat and muck

PLEISTOCENE

- 7 Glaciolacustrine shoreline and shallow water deposits: sand, gravel, silt
  - 7a gravel and gravelly sand
  - 7b sand, silty fine sand
- 6 Glaciolacustrine deep water deposits: laminated to varved clay, silt, and fine sand
- 5 Glaciofluvial outwash: sand and gravel
  - 5a gravel
  - 5b sand and gravelly sand
- 4 Glaciofluvial ice-contact deposits: sand, gravel, boulders; minor till
- 3 Glacial deposits: gravelly to bouldery, sandy to sandy-silt till
  - 3a calcareous till: sandy to sandy-silt till

UNCONFORMITY

PRECAMBRIAN

- 2 Rock dominated terrain - thin discontinuous drift cover (mainly till and sand wash)
- 1 Rock dominated terrain - very little drift cover

SYMBOLS

- Glacial striation - direction of ice movement inferred
- Glacial fluting
- Trend of moraine crest
- Ice-contact slope
- Kettle hole
- Esker - direction of flow inferred
- Terrace escarpment - fluvial
- Abandoned shoreline feature
- Eolian dunes (representative only)
- Small bedrock outcrops - not shown for units 1 or 2
- Geological boundary, approximate
- Sand or gravel pit
- Quarry or mine workings
- Peat extraction site
- Younger unit overlying older unit
- Main unit (secondary unit)
- Till sample number (see report)
- Logging road

SOURCES OF INFORMATION

Topographic base prepared by Department of Energy, Mines and Resources from 1:50 000 National Topographic System Maps.

Aerial Photography: National Air Photo Library

Geology by: G.V. Minning 1988-1989

Note: Not all symbols or legend characters necessarily appear on this map sheet

CANADA ONTARIO Mineral Development Agreement / Entente sur l'exploitation minérale

Canada

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