

**MANITIBA**  
DEPARTMENT OF ENERGY AND MINES  
MINERAL RESOURCES DIVISION

# QUATERNARY GEOLOGY OF THE ISLAND LAKE— RED SUCKER LAKE AREA (EAST HALF)

## LEGEND

### QUATERNARY

#### POSTGLACIAL DEPOSITS

- 7 Swamp: including areas of alluvial mud and standing water, generally overlies clay.

#### LATE GLACIAL DEPOSITS

- 6 Beach: reworked moraine ridges including end moraines and older deposits.
- 5 Littoral sand: reworked moranic ridges, ground moraine and older deposits.
- 4 Lacustrine clay: clay and minor silt deposited in the deeper basal part of Lake Agassiz.

#### GLACIAL DEPOSITS

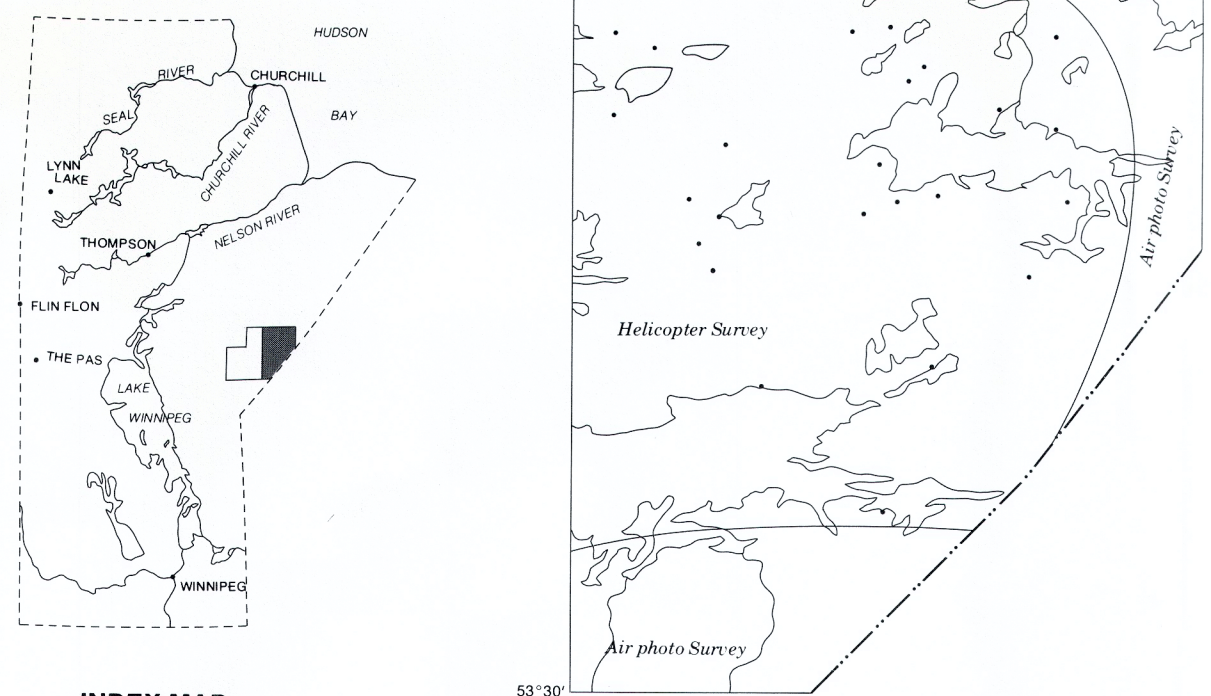
- 3 Esker sand and gravel: including possible outwash deltas, (in part lake modified).
- 2 Till: sandy loose textured and generally carbonate free, includes extensive areas of hummocky disintegration moraine.

#### PRECAMBRIAN

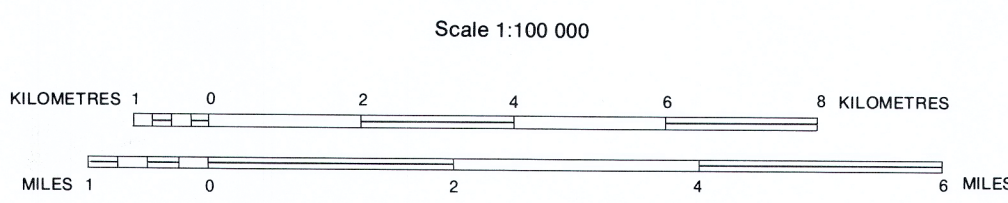
- 1 Bedrock: includes extensive areas of wave washed bedrock outcrops often fringed with boulder beaches, may include minor areas of till (primarily in the north) and areas of lacustrine clay (primarily in the south).

## SYMBOLS

- Boulder beaches: found primarily around wave washed bedrock outcrops and till hummocks.
- Terraces
- Approximate northern boundary of the area affected by extensive glacial lake action.
- Hummocky till
- Minor moraine composed of till
- Ribbed moraine
- Drumlinoid ridge
- Glacial striae (younger, older)
- Sand and gravel pit
- Sample site and sample number
- Deposit number
- Sand and gravel deposits



Geology by ERIK NIELSEN  
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