

# QUATERNARY GEOLOGY OF THE ISLAND LAKE—RED SUCKER LAKE AREA - (WEST 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 interlobate moraines composed of sand and gravel grading into littoral sand.

5 Littoral sand: reworked moraine ridges, ground moraine and other deposits.

4 Lacustrine clay: clay and minor silt deposited in the deeper basinal 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

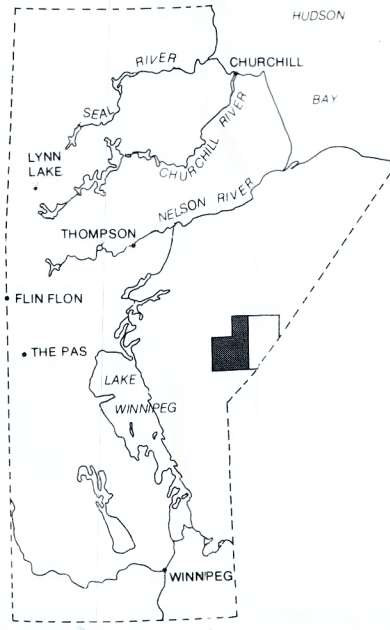
Glacial striae (younger, older)

Sand and gravel pit

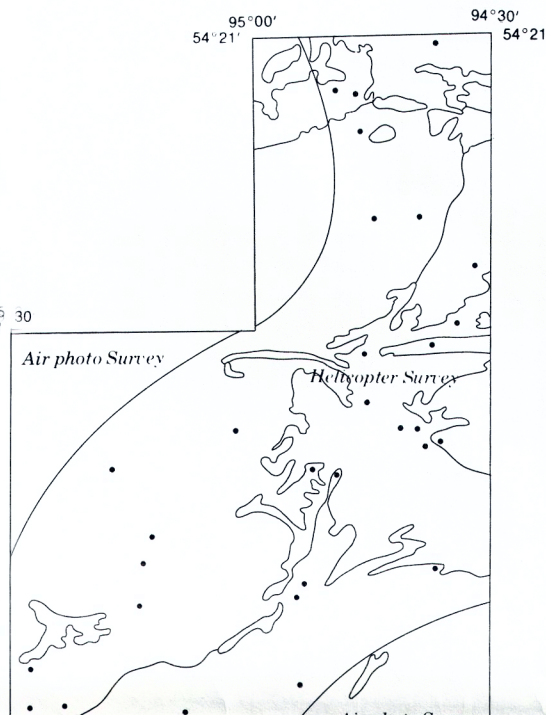
Sample site and sample number

Deposit number

Sand and gravel deposits



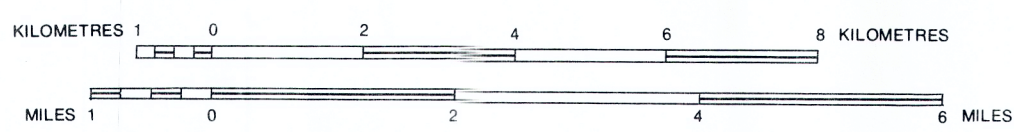
INDEX MAP



LOCATION OF GROUND TRUTH SITES

Geology by ERIK NIELSEN  
To accompany Publication GR80-3

Scale 1:100 000



Cartography by Prairie Mapping Ltd., Winnipeg