GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

31 G/2

LEGEND

SURFICIAL DEPOSITS

CENOZOIC

PLEISTOCENE AND RECENT

- **8** — *Peat and muck; includes poorly drained areas supporting fen, swamp, and marsh vegetation*

ALLUVIAL DEPOSITS

- **7** — *Stratified sand and silty clay: thickness at least 4 feet; commonly underlain by soft marine clay*

AEOLIAN SAND

- **6** — *Sand derived from glacial till by wave wash and blown into dunes along ancient beaches*

DEPOSITS OF THE CHAMPLAIN SEA

- **5** — **5a**, *beach gravel, fossiliferous;* **5b**, *near-shore sand deposits (includes bars and spits)*
- **4** — *Marine sand, commonly fossiliferous*
- **3** — *Marine clay and silt, fossiliferous; locally overlain by a thin layer of sand*

GLACIAL TILL

- **2** — *Till: drumlinized*
- **1** — *Fort Covington till: compact, grey, to buff when oxidized, sandy till; includes bouldery, washed till on hills and slopes*
  Malone till (lower till): very compact, blue-grey, clay till

PALAEOZOIC

BEDROCK OUTCROPS

ORDOVICIAN

- **R** — *Limestone, shale, dolomite, sandstone; includes areas of bedrock with thin cover of surficial deposits*

Rock outcrop
Glacial striae
Drumlin, drift ridge (direction of ice movement indicated)
Boulder beach; beach ridge
Fossil locality
Quarry
Locality of specimen, dated in years by radiocarbon method ▼ 9,430 ± 140

Geology by J. Terasmae and R. J. Mott, 1958 and 1959

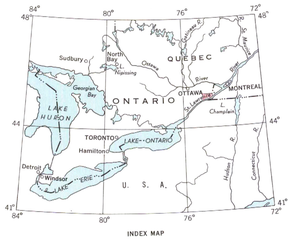
To accompany GSC Bulletin 121 by J. Terasmae

Geological cartography by the Geological Survey of Canada, 1964

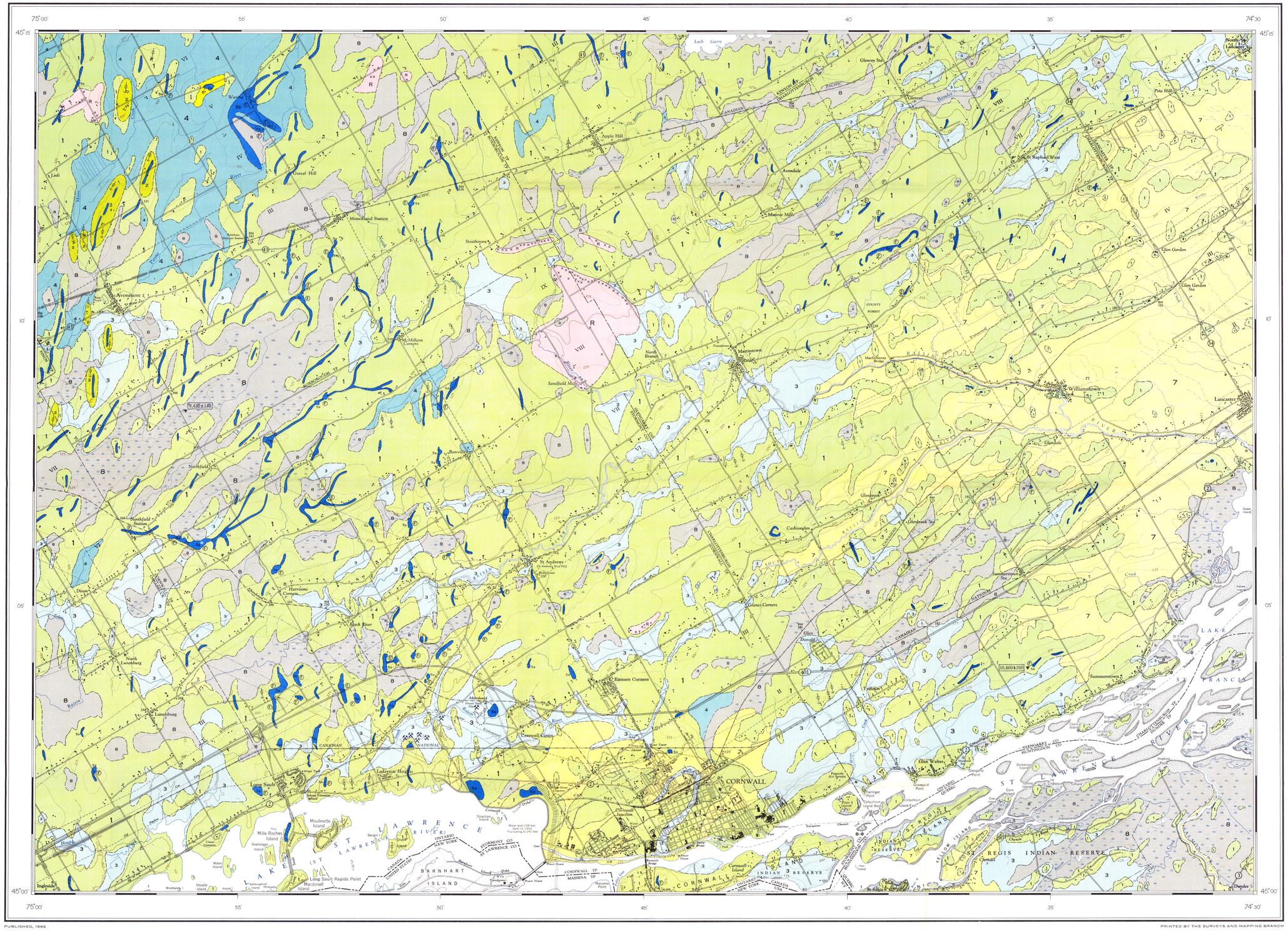
Road, all weather — Route (5)
Other roads
Cart track
Railway; multiple, single track
Power; telephone line
Building
Church
School
Post Office
Cemetery
Lighthouse
Wharf
Bridge
Horizontal control point
Bench mark
International boundary
Interprovincial boundary
County boundary
Township boundary
Indian Reserve boundary
Intermittent stream
Ditch or flume
Marsh
Foreshore flats
Contours (interval 25 feet)
Height in feet above mean sea-level . . . 582

Base-map compiled and drawn by the Army Survey Establishment, R.C.E. 1963 with revisions by the Geological Survey of Canada, 1964

Approximate magnetic declination, 13° 54′ West



INDEX MAP



PUBLISHED, 1965
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MAP 1175A

SURFICIAL GEOLOGY

CORNWALL

ONTARIO-QUEBEC

Scale 1:63,360
1 inch to 1 mile

Miles 1 0 1 2 3 Miles

Kilometres 1 0 1 2 3 4 5 Kilometres

This map has been produced from a scanned version of the original map
Reproduction par numérisation d'une carte sur papier