75°40′ 35′ 75°30′

45°25′

45°15′

20′

OTTAWA RIVER

PROVINCE OF QUEBEC
PROVINCE OF ONTARIO

Kettle Island

Upper Duck I.

Lower Duck I.

GATINEAU RIVER

R.C.A.F. STATION

Hiawatha Park

Orleans

Rothwell Heights

Cardinal Heights

PROVING GROUND

Blackburn

Cyrville

Blackburn Sta.

CANADIAN PACIFIC RAILWAY

SECOND RIDGE ROAD

MER BLEUE PEAT BOG

RUSSELL COUNTY
CARLETON COUNTY

Borthwick Creek

BORTHWICK ROAD

(RIDGE ROAD)

Dow Lake

CANADIAN NATIONAL RAILWAYS

McEwen Creek

Ramsayville

Ramsay Creek

RUSSELL ROAD

NEW YORK CENTRAL RAILWAY

Carlsbad Springs

Beaver Brook

CUMBERLAND TOWNSHIP
GLOUCESTER TOWNSHIP

HAWTHORNE ROAD

BASE LINE ROAD

PIPERVILLE ROAD

Piperville

Edwards

UPLANDS AIRPORT

Uplands

Leitrim

METCALFE ROAD

Bowesville

BOWESVILLE ROAD

PINE GROVE ROAD

Black Rapids

RIDEAU CANAL

RIVER ROAD

MANOTICK ROAD

Gloucester Sta.

Johnston Corners

South Gloucester

GLOUCESTER TOWNSHIP
OSGOODE TOWNSHIP

NEPEAN TOWNSHIP

Long Island

Manotick

LEGEND

PALÆOZOIC

ORDOVICIAN

LORRAINE

9 — *CARLSBAD FORMATION: grey shale, sandy shale, some dolomitic layers*

GLOUCESTER

8 — *BILLINGS FORMATION: black shale, with a little brown shale*

COLLINGWOOD

7 — *EASTVIEW FORMATION: limestone*

BLACK RIVER AND TRENTON

6 — *OTTAWA FORMATION: limestone, some dolomite layers in lower part, considerable interbedded shale with some sandstone in basal part;* **6a**: *Pamelia,* **6b**: *Lowville,* **6c**: *Leray,* **6d**: *Rockland,* **6e**: *Hull,* **6f**: *Sherman Fall,* **6g**: *Cobourg*

CHAZY

5 — *ST. MARTIN FORMATION: shale, sandstone, impure limestone, dolomite*

4 — *ROCKCLIFFE FORMATION: shale with lenses of sandstone*

BEEKMANTOWN

3 — *OXFORD FORMATION: dolomite and limestone*

2 — *MARCH FORMATION: interbedded sandstone and sandy dolomite*

ORDOVICIAN OR CAMBRIAN

1 — *NEPEAN FORMATION: sandstone*

Outcrop, area of outcrop

Bedding (inclined)

Fault (defined, approximate)

Geology by A. E. Wilson, 1935

Main highway (17)

Other roads

Electric power line

Interprovincial boundary

County boundary

Township boundary

CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA

BEDROCK GEOLOGY

GLOUCESTER TOWNSHIP
CARLETON COUNTY
ONTARIO

Scale: 1 Inch to ½ Mile = 1/31,680

1 ½ 0 1 2

Cartography by the Geological Cartography Unit, 1957

Approximate magnetic declination, 13° 47′ West

To accompany Water Supply Paper No. 323

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