

LEGEND

PLEISTOCENE AND RECENT

Recent Beach and Wind Deposits: sand and gravel;  
5a, beach gravel; 5b, dune sand

Swamp Deposits: 4a, peat; 4b, muck

Glacio-marine and Raised Marine Deposits:  
3a, gravel; 3b, sand and gravelly sand; 3c, clay and  
sandy clay

Glacio-fluvial Deposits (esker, kame, outwash):  
2a, gravel; 2b, sand and gravelly sand; 2c, silt

Glacial Deposits (ground moraine): 1a, clay till to  
clayey sand till; 1b, clayey sand till to sand till

BEDROCK OUTCROPS

PERMO-CARBONIFEROUS

"Red-beds": Ra, shale, - generally some associated  
sandstone and shaly sandstone; Rb, sandstone, -  
including some shaly, micaceous, and calcareous  
sandstone; Rab, shaly sandstone; Rc, conglomerate,  
conglomeratic sandstone, and conglomeratic shale  
breccia; Rd, calcareous shale breccia

Geological boundary (defined and approximate) . . . . .

Gradational contact (between clayey and sandy  
phases of till) . . . . .

Generalized strike and dip of beds; mostly  
major units, some cross-beds . . . . .

Glacial striae, direction of movement not  
determined (straight, curved) . . . . .

Small outcrop (includes road cut and low shore-  
line exposures; also sites where less than  
3 feet of overburden mantles the bedrock) . . . . . Ra x

Gravel pit (active and inactive; abandoned) . . . . . x x

Geology by V. K. Prest, 1953

Cartography by the Geological Survey of Canada, 1962

Main road . . . . .

Secondary road . . . . .

Trail . . . . .

Railway . . . . .

Building . . . . .

Post Office . . . . . P

Cliff . . . . .

Intermittent stream . . . . .

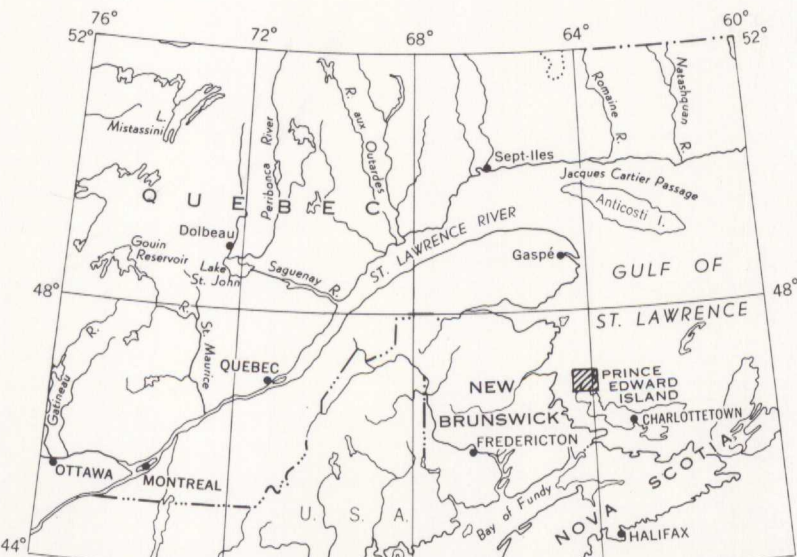
Marsh . . . . .

Contours (interval 25 feet) . . . . .

Base-map by the Army Survey Establishment, R. C. E.,  
Department of National Defence, 1945

Approximate magnetic declination, 24° 17' West, decreasing 2'.8 annually

Air photographs covering this area may be  
obtained through the National Air Photographic  
Library, Topographical Survey, Ottawa



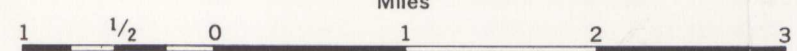
INDEX MAP



GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MAP 38-1961  
TO ACCOMPANY PAPER 61-28  
GEOLOGY  
TIGNISH  
PRINCE EDWARD ISLAND

Scale: One Inch to One Mile =  $\frac{1}{63,360}$   
Miles



ESIC CIST

OCT 8 1966

Earth Sciences Sector  
Secteur des sciences  
de la Terre



PUBLISHED, 1962  
COPIES OF THIS MAP MAY BE OBTAINED FROM THE  
DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

PRINTED BY THE SURVEYS AND MAPPING BRANCH