

KOUCHIBOUGUAC NATIONAL PARK

LEGEND

Postglacial Deposits

8 Barrier island, beach, bar, spit; tidal flat; dune:- consist of sand, mud, minor gravel.

7 Salt marsh, salt meadow, and contiguous marshland; minor river marsh:- variable mixture of mud, sand, grass, sedge, seaweed.

6 Peatland, bog:- peat moss, sedge, shrubs; much; (Sp.: spruce-covered peatland)

Early Postglacial Marine Deposits

5 Near-shore beds - gravelly (raised beach, bar, spit):- gravel, gravelly sand.

4 Near-shore beds - sandy (thin, featureless, mantle deposit):- clayey sand, sand, minor gravel.

3 Offshore, bottom beds (in part glaciomarine):- red, variably stony clay.

Glaciofluvial Deposits

2 Esker, crevasse-filling?, outwash (mainly overlain by marine clay):- gravel, sandy gravel, sand.

Glacial Deposits

1 Ground moraine:- red, stony, clay till; very minor stony sand till.

BEDROCK

R Pennsylvanian: red mudstone, Ra; grey sandstone, Rb; grey pebbly sandstone, Rc; mudstone breccia, Rd. (Bedding varies from fissile to platy and blocky; much of the rock is weathered and soft.)

Symbols

Geological boundary:- approximate; assumed

Glacial striae:

Direction of ice flow, determined (on basis of nail-head and wedge striae); not determined.

Range in trend of striae believed related to same period of ice flow.

Present day beach, bar, spit; tidal and subtidal sandy mud flat

Beach ridge

Washover channel

Rock outcrop... exposed by man along road; natural exposure along shoreline

Borrow pit (in both drift and bedrock)

Strike and dip of beds

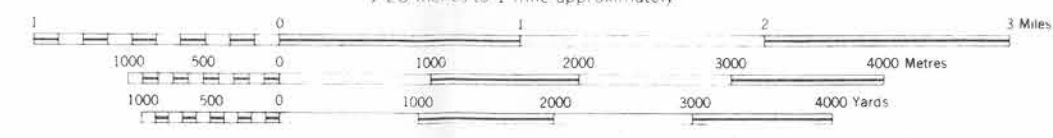
Direction of apparent dip of beds.

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PREST: KOU.N.P...GEOLOGY
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KOUCHIBOUGUAC NATIONAL PARK

NEW BRUNSWICK
GEOLOGY
SCALE 1:50,000
1:25 inches to 1 mile approximately



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