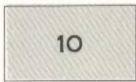


# LEGEND

## PLEISTOCENE AND RECENT WISCONSIN AND YOUNGER BOG DEPOSITS



10

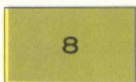
Mainly peat, some muck

## FRESHWATER SEDIMENTS



9

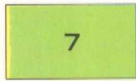
LOW TERRACE SANDS: mainly alluvium in recently abandoned terraces



8

HIGH TERRACE SANDS: alluvial related to high stages of St. Lawrence River; some gravel; includes some Champlain Sea sand in areas adjacent to the highland in Trois-Rivières and Grondines areas; deposits 3' or more thick or in distinct ridges; 8a, uniform fine sand of Trois-Rivières delta

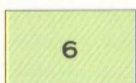
## EOLIAN SEDIMENTS



7

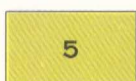
Wind-blown fine sand mainly in the form of crêtes de coq; some active dunes

## MARINE SEDIMENTS



6

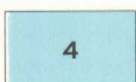
CHAMPLAIN SEA SAND: mainly fine sand, includes some gravel and boulder concentrations; commonly fossiliferous



5

CHAMPLAIN SEA CLAY: massive to fine banded soft grey clay, silty clay, and silt; calcareous, fossiliferous and with some bands of sand and scattered organic matter; 5a, regularly banded silty clay with some sand partings related to Trois-Rivières delta overlain in most areas by sand deposits up to 3' thick

## GLACIAL SEDIMENTS



4

Ice-contact sand, gravel and outwash, related to retreat of last ice sheet; includes some glacio-marine sediments at Mont-Carmel

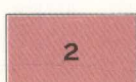


3

GENTILLY TILL: mainly calcareous, sandy, grey boulder till; includes much lag gravel of marine origin overlying the till and some varved silts younger than the till; 3a, acid sandy till related to Saint-Narcisse moraine

## EARLY WISCONSIN

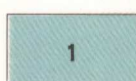
### NON-GLACIAL AND PROGLACIAL SEDIMENTS



2

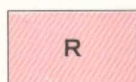
SAINT-PIERRE INTERSTADIAL SEDIMENTS: fluvial sand, some gravel and highly compressed peat; some disseminated organic matter. Unit includes varved silts of glacial Lake Deschailhons, younger than the Saint-Pierre sediments, where exposed

### GLACIAL SEDIMENTS



1

BÉCANCOUR TILL: sandy boulder till; some clay till; commonly brick-red in this area. Includes some red varves older than the till



R

Bedrock (undifferentiated)

CENOZOIC

PALEOZOIC  
AND  
PRECAMBRIAN

Geological boundary (approximate) .....

Glacial striae (direction of ice movement known, unknown) .....

Tidal flats and shoals .....

Limit of geological mapping .....



Geology by N.R. Gadd, 1950-1955

To accompany GSC Memoir 359

Geological cartography by the Geological Survey of Canada

Main highway .....

All weather .....

Other roads .....

Railway and station .....

Post Office .....

Intermittent stream .....

Rapid .....

Irrigation ditch .....

Marsh .....

Dam .....

Contours (interval 100 feet) .....

