# LEGEND

CENOZOIC

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 Deschaillons, 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*

PALEOZOIC AND PRECAMBRIAN

R — *Bedrock (undifferentiated)*

*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* ..... 9

*All weather* .....

*Other roads* .....

*Railway and station* .....

*Post Office* ..... P

*Intermittent stream* .....

*Rapid* ..... R R

*Irrigation ditch* .....

*Marsh* .....

*Dam* .....

*Contours (interval 100 feet)* ..... 500