

LEGEND

NOTE:—Uncoloured areas are drift covered and in them bedrock outcrops are not known. Coloured areas are also drift covered but contain a few outcrops whose locations are indicated by crosses x x x x

PROTEROZOIC (LATE PRECAMBRIAN) OR ARCHEAN

5 Gabbro

POST-TIMISKAMING

4 4a hornblende granite; 4b gneissic biotite-hornblende granite; 4c syenite

3 Diorite, quartz diorite

TIMISKAMING (?)

2 Slaty sediments

KEEWATIN

1 Volcanic assemblage with minor amounts of sediments. Chiefly altered andesite with lesser amounts of tuff, breccia and acid flows

Sand with some glacial drift

Geological boundary (defined, assumed)
 Township boundary
 Marsh

SOURCES OF INFORMATION

Compiled and reproduced by the Bureau of Geology and Topography from information supplied by Federal and Provincial Government Departments. Geology by F. T. Denis, 1935.

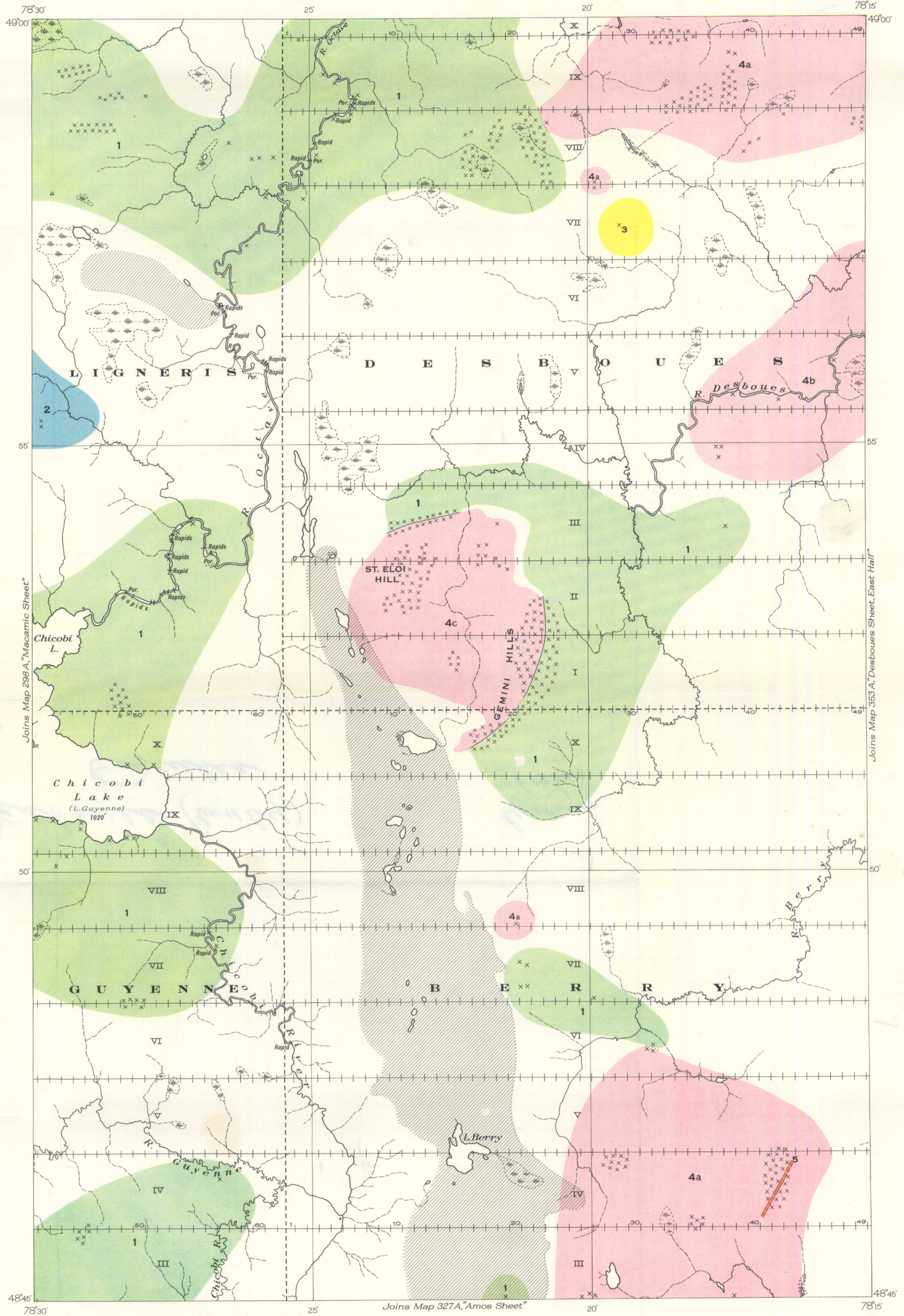
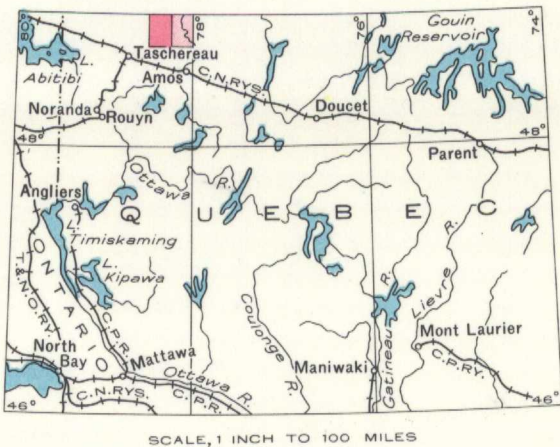
The greater part of the area is an undulating plain underlain by clay and muskeg, and traversed in a direction slightly east of south by a ridge of sand and gravel rising from 50 to 150 feet above the general level. Bedrock outcrops are few, and, with the exception of those on St. Eloi and Gemini hills, are small. The Chicobi and Octave rivers are navigable by canoe.

The Kewatin greenstones (1) are now largely altered to chlorite or sericite schists. Among these rocks andesites predominate, but flows ranging in composition from rhyolite to basalt, with their explosive equivalents, are found. In addition to the large bodies of granite (4a and 4b), syenite (4c), and diorite and quartz diorite (3), minor bodies of feldspar porphyry, diorite and amphibolite invade the greenstones.

Prospecting for gold and other minerals has been done in several localities. At several places pyrite and pyrrhotite with, in some instances, chalcocopyrite, are disseminated in greenstone.



Approximate magnetic declination, 14° 30' West



MAP 352 A

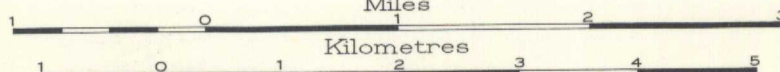
DESBOUES SHEET

(WEST HALF)

ABITIBI COUNTY

QUEBEC

Scale, 1:33,600 or 1 Inch to 1 Mile



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352A