SURFICIAL AND GLACIAL MAPPING

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Introduction

A reconnaissance mapping program on a scale of 1:50,000 was conducted in 1974 in two areas of the province, southwest Newfoundland and Burin Peninsula (Figure 1). The purpose of the project was to describe the surficial deposits, glacial flow indicators and aggregate potential of each area (Vanderveer, 1975).

An airphoto interpretation for the St. John's area was commenced in 1974 and completed in 1975. This work will provide data on the surficial deposits and aggregate resources of this area at a scale of 1:50,000, much larger than the previous work of Henderson (1972).

Southwest Newfoundland

The surficial and glacial maps for this area were compiled during the early part of 1975. The report for open file release is to be prepared shortly and it is hoped that all will be ready for release before the end of 1975.

Burin Peninsula

Due to logistical problems, the maps for the Burin Peninsula area have not yet been compiled or drafted. However, it is hoped this work can be completed by early 1976 and the report released on open file shortly thereafter.

St. John's Area

The landform classification maps (1:50,000) were compiled during the latter part of 1974 and the report completed in March, 1975. Map sheets 1 N/6 E, 1 N/7, 1 N/10, 1 N/15 and the report are to be released on open file shortly.

Additional Work Planned

Sampling and sieve analysis of the granular resources for each area is planned for the 1976 field season.

SURFICIAL AND GLACIAL MAPPING

A. Southwest Newfoundland
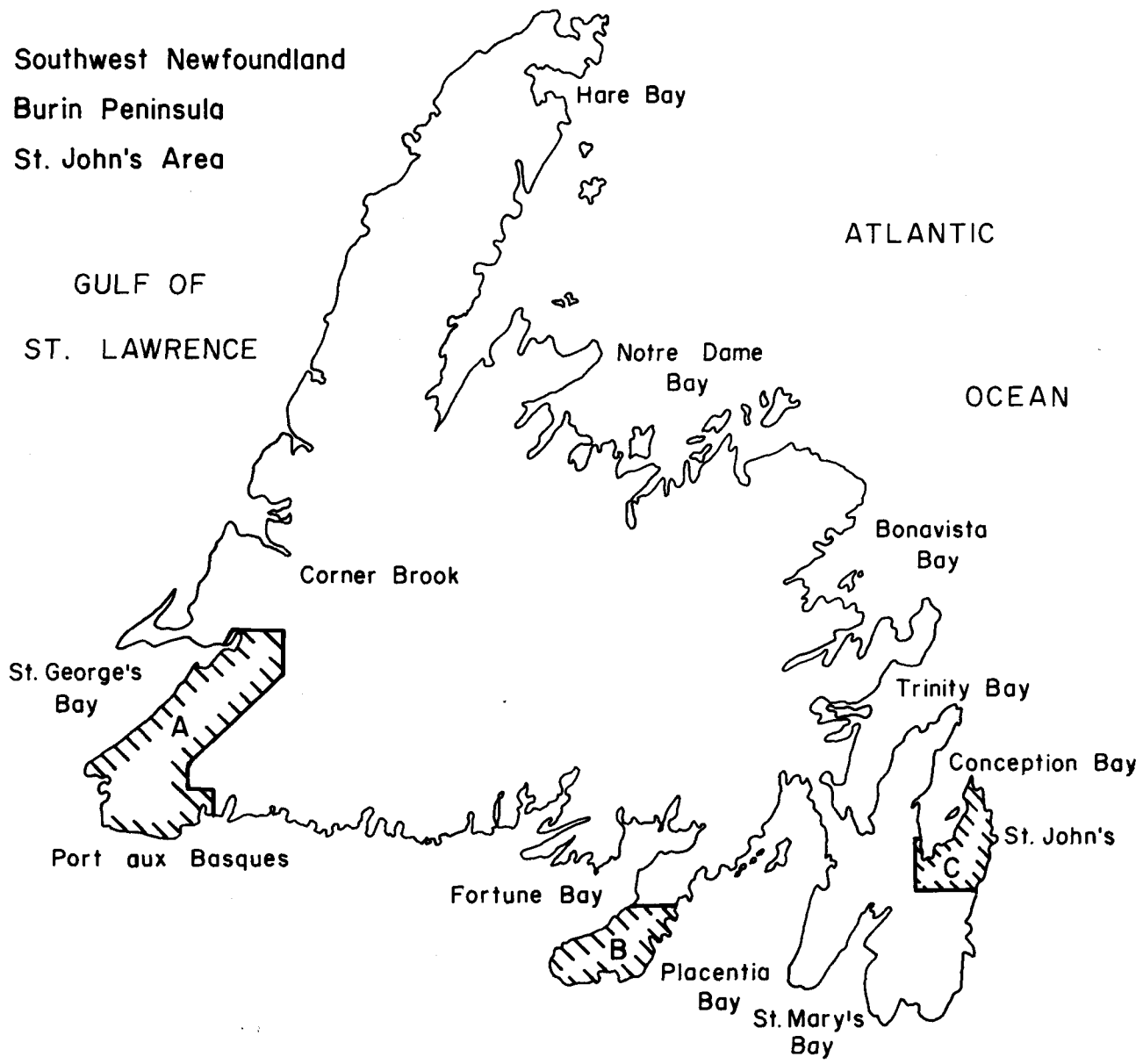B. Burin Peninsula
C. St. John's Area

GULF OF

ST. LAWRENCE

Hare Bay

ATLANTIC

Notre Dame
Bay

OCEAN

Bonavista
Bay

Corner Brook

St. George's
Bay

A

Trinity Bay

Conception Bay

St. John's

C

Port aux Basques

Fortune Bay

B

Placentia
Bay

St. Mary's
Bay

Fig. 1

References

Henderson, E.P.
1972:   Surficial geology of Avalon Peninsula, Newfoundland; Geol. Surv.
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1975:   Surficial and glacial mapping, Burin Peninsula, in Report of
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