

PREFACE

This publication is the tenth in the Mineral Development Division's annual Report of Activities series.

In 1982, the Division continued, at a slightly reduced level, the program of geoscientific studies begun under the 1976-1982 Canada-Newfoundland Mineral Development Subsidiary Agreement. Geological mapping concentrated on the Grenville Province in Labrador and on the south-central part of the island of Newfoundland, but projects were also started in the Torngat Mountains in Labrador, and were continued in the Cambro-Ordovician carbonates on the west coast of the island. Geochemical field studies concentrated on detailed follow-up studies of anomalies over granitic terranes on the island; the Geological Survey of Canada conducted a major lake sediment geochemical survey in southwestern Labrador.

The Mineral Deposits Section continued its metallogenetic study of clastic-hosted mineral deposits in Newfoundland, and started a new study of volcanogenic sulfide deposits in western Notre Dame Bay. The section continued its mineral commodity assessment work, concentrating this year on barite, as well as its mineral inventory program.

The Environmental Geology Section moved from reconnaissance level assessment of aggregate deposits to more detailed surveys of aggregate resources in critical areas. The program of surficial mapping was continued in the Buchans area. The Publications and Information Section's activities were highlighted by the publication of the first five in the Division's colored geological map series, and by the completion of construction of drill core libraries at Pasadena and Goose Bay.

In 1982, a new, two-year cooperative geoscientific program was started with the Federal Department of Energy, Mines and Resources. Projects carried out under this cooperative program are identified in this report. Some of these projects were funded by the Geological Survey of Canada and led by G.S.C. personnel. We thank the Geological Survey of Canada for permission to include reports on these projects in this publication.

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