

PREFACE

This publication presents the preliminary results of the 1990 research program of the Geological Survey Branch of the Newfoundland Department of Mines and Energy. The 1990 program comprised some thirty projects, about half of which included a field component.

Major results of the program include the publication of a new geological map of Newfoundland, the first since 1967; release of the first surficial-geology map for the Island; identification of a number of industrial-mineral deposits, including deposits to meet the requirements of the Hibernia project for mineral aggregate; production of a new aeromagnetic datafile for Newfoundland for use with image-analysis software; and release of the first geochemical atlas for the province.

A new federal-provincial minerals agreement, the Canada-Newfoundland Cooperation Agreement on Mineral Development, was signed in September, 1990. The new agreement provides 17.5-million dollars for mineral-development activities in the province for the period 1991-1995. Approximately half of the total expenditure will be on geoscience, the remainder on mining technology, mineral economics, and direct assistance to the mineral industry. The provincial geoscience program, which has been operating at a reduced level since the end of the last agreement in 1989, will therefore see a significant increase in 1991.

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