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# METALLOGENIC ANALYSIS

(Project 4-6, Canada-Newfoundland Mineral Exploration & Evaluation Program)

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## Introduction

Project 4-6 was initiated in May of 1973. The goal of the project is "to generate useful information to guide exploration and to direct Government and other funds towards the areas and problems with the most direct implications for mineral exploration". Within these rather broad constraints, a number of sub-projects were undertaken in 1973.

1. J. R. DeGrace and B.F. Kean undertook regional and detailed studies of metallogenic environments in the Central Mobile Belt. Geologic maps were completed for areas around Pipestone Pond, Gander River, Great Bend, and King George IV Lake.

2. R.K. Stevens and I. Knight of Memorial University undertook an evaluation of the economic potential of West Newfoundland.

3. C. Douglas and D. Fogwill began the preparation of a folio of mineral occurrence maps of Newfoundland and Labrador at a scale of 1:250,000, to be based on information recorded in the mineral inventory files (project 1).

In 1974, field work will be concentrated on the Burlington Peninsula, where detailed geologic and metallogenic investigations will be undertaken by J. R. DeGrace, B.F. Kean, and E. Hsu.