

TABLE OF CONTENTS

|  | <u>PAGE</u> |
|--|-------------|
| I. BEDROCK GEOLOGY.....                                | 1           |
| BURIN-BONAVISTA BELT.....                              | 2           |
| Burin Bonavista Project.....                           | 2           |
| B.A. Greene  |             |
| Harbour Breton Map Area.....                           | 3           |
| B.A. Greene  |             |
| The Marystown-Grand Bank-St. Lawrence Area.....        | 10          |
| D.F. Strong  |             |
| HERMITAGE AREA.....                                    | 12          |
| Geological Mapping-Bay D'Espeir Area.....              | 12          |
| S.P. Colman-Sadd                                       |             |
| ST. GEORGE'S BAY CARBONIFEROUS BELT.....               | 22          |
| Geological Mapping, Northern Part of St. George's      |             |
| Bay Carboniferous Basin.....                           | 22          |
| C. Fong and C. Douglas                                 |             |
| Geological Mapping, Carboniferous Rocks, Cape Anguille |             |
| Mountains, Southwest Newfoundland.....                 | 31          |
| I. Knight  |             |
| BURLINGTON PENINSULA.....                              | 42          |
| Geology of the Nipper's Harbour Map Sheet (2E/13)..... | 42          |
| J.R. DeGrace, B.F. Kean, E. Hsu and D.M. Besaw         |             |
| SEAL LAKE-MAKKOVIK BELT, LABRADOR.....                 | 51          |
| Geological Mapping in the Central Mineral Belt,        |             |
| Labrador: Redefinition of the Croteau Group.....       | 51          |
| W.R. Smyth, B.E. Marten and B. Ryan                    |             |
| Geology of the Letitia Lake Area, Labrador.....        | 75          |
| B.E. Marten  |             |

|  | <u>PAGE</u> |
|--|-------------|
| II. SURFICIAL GEOLOGY.....   | 87          |
| Surficial and Glacial Mapping, Southwest Newfoundland..  | 88          |
| D.G. Vanderveer  |             |
| Surficial and Glacial Mapping, Burin Peninsula.....  | 92          |
| D.G. Vanderveer  |             |
| III. MINERAL EVALUATION.....   | 95          |
| Limestone - Dolostone Evaluation.....  | 96          |
| D.M. Besaw and J.R. DeGrace  |             |
| Silica in Newfoundland.....  | 101         |
| A.J. Butler and B.A. Greene  |             |
| Barite - Celestite Evaluation.....   | 104         |
| J.G. McArthur  |             |
| Uranium Potential of the Basal Unconformity of the<br>Seal Lake Group, Labrador.....                           | 106         |
| B.E. Marten and W.R. Smyth   |             |
| A Reconnaissance Survey of Clay Deposits on the<br>Island of Newfoundland.....                                 | 116         |
| D.G. Vanderveer and R. Harvey  |             |
| Mineral Occurrence Maps.....   | 120         |
| C. Douglas and E. Hsu  |             |
| IV. GEOCHEMISTRY.....  | 123         |
| Geochemical Reconnaissance Survey of the Eastern<br>Burlington Peninsula.....                                  | 124         |
| P.H. Davenport, A.J. Butler and E.H.W. Hornbrook   |             |
| Geochemical Reconnaissance Survey of the Codroy-<br>Bay St. George Carboniferous Basin.....                    | 128         |
| J.G. McArthur and P.H. Davenport   |             |
| Index to Authors.....  | 132         |
| Index to Projects Conducted under the Canada/Newfoundland<br>Mineral Exploration and Evaluation Agreement..... | 133         |