PREFACE

The 2010 edition of Current Research is a substantial volume, both in terms of pages, and in content. The number of contributions is in part due to a very active field season. Additional funding for geoscience mapping identified in Budget 2008 enabled fourteen Geological Survey field projects to be mounted in the summer of 2009, the greatest number in more than a decade. These projects span a wide geographical and subject range and are described in a series of papers in this volume.

The Bonavista Peninsula was the subject of intensive study with new bedrock-mapping and mineral-deposits projects (Normore, J. Hinchey). Further bedrock-mapping projects took place in northwest Newfoundland (O'Brien); western Newfoundland (A. Hinchey, Knight, Boyce) and western Labrador (van Nostrand, Valley). Surficial and geochemical mapping took place in central Newfoundland (Brushett, Smith) and Labrador (Amor); and aggregate mapping in eastern Newfoundland (Ricketts). Mineral-deposits studies ranged from gold in central Newfoundland and Labrador (Sandeman, Kerr) to uranium in Labrador (Sparkes). The Survey also took part in an international reconnaissance soil-geochemistry programme (Amor).

Geological Survey of Newfoundland and Labrador papers are complemented by contributions from Memorial University, and the Geological Survey of Canada. Three papers (Blundon, Minnett, Putt) are from graduate students working on projects closely aligned with Survey objectives, and with supervision from Survey staff.

Geological Survey of Canada contributions are part of the third Targeted Geoscience Initiative (TGI-3), and highlight work in the Buchans and Baie Verte areas (Zagorevski, Skulski). The federal Geomapping for Energy and Minerals program (GEM) has resulted in significant improvements in our knowledge of the geology of western Labrador. The Federal contribution consisted of a major aeromagnetic survey, published jointly by the GSC, GSNL and Géologie Québec. The Geological Survey of Newfoundland and Labrador contribution to this project consisted of geological and geochemical mapping, outlined in three papers here (Amor, van Nostrand, Valley).

Other papers describe the Branch's core-storage program (Harris), the status of the Mineral Occurrence Data System (Stapleton) and the application of geological understanding of sea-level change to land-use planning (Batterson).

The past year thus has seen major advances in understanding the geology of our Province led by the Geological Survey of Newfoundland and Labrador with support from our partners. Understanding the geological evolution of Newfoundland and Labrador assists the mining industry in their efforts to locate new mines, and is also important in ensuring government decisions on land-use and other areas, are based on sound geological information.

David Liverman
Director

Readers who would like to write a rebuttal to, or discussion of, any report contained in this volume are invited to submit it to the editor by November 1, 2010, to be considered for inclusion in Report 2011-1.