

CONTENTS

Page

GEOCHEMISTRY, GEOPHYSICS AND TERRAIN SCIENCES

1. **S.D. Amor** Lake-sediment and water-sampling survey in the Fraser Lake region, western Labrador 1
2. **S.D. Amor** Investigation of four till anomalies, Newfoundland. 15
3. **D. Brushett** Quaternary geology of Weir's Pond and surrounding areas (NTS map areas 2D/15, 2E/01, 2E/02 and 2F/04). 33
4. **J.W. McConnell** Highlights of a high-density lake-sediment and water survey in southeastern Labrador. 43
5. **M.J. Ricketts** Granular-aggregate mapping along the Trans-Labrador Highway from Cartwright Junction to the Churchill River. 69

GEOSCIENCE DATA MANAGEMENT

6. **P. Honarvar, L.W. Nolan, L. Crisby-Whittle and G. Simms** The Geoscience Atlas: Toward a comprehensive geoscience knowledge-base for Newfoundland and Labrador. 89

MINERAL DEPOSITS

7. **J.G. Hinchey** Visible/infrared spectroscopy (VIRS) of volcanogenic massive sulphide hydrothermal alteration products, Tunks Volcanic Belt, central Newfoundland: An additional exploration technique? 97
8. **A. Kerr** Rare-earth-element (REE) mineralization in Labrador: A review of known environments and the geological context of current exploration activity. 109
9. **A. Kerr, H. Rafuse, G. Sparkes, J. Hinchey and H. Sandeman** Visible/infrared spectroscopy (VIRS) as a research tool in economic geology: Background and pilot studies from Newfoundland and Labrador. 145
10. **H.A. Sandeman and H. Rafuse** The geological setting of Au–Ag–Te mineralization at the Aucoin prospect (NTS map area 13N/6) Hopedale Block, Labrador. 167
11. **G.W. Sparkes** Uranium mineralization in Newfoundland: An overview of geological characteristics and metallogenic affinities. 185

REGIONAL GEOLOGY

12. **W.D. Boyce, L.M.E. McCobb and I. Knight** Stratigraphic studies of the Watts Bight Formation (St. George Group), Port au Port Peninsula, western Newfoundland. 215
13. **R.J. Bullock, J.R. Morris and D. Selby** New findings of body and trace fossils in the St. Bride's area, Cape St. Mary's Peninsula, Newfoundland. 241
14. **C.F. Gower** The making of the geological map of eastern Labrador. 253

15.	L.S. Normore	Preliminary findings on the geology of the Trinity map area (NTS 2C/06), Newfoundland.	273
16.	P. Valley, F. Bulle and D. Skipton	Geology of the Southeastern Churchill Province, western Labrador.	295
17.	T. van Nostrand and A. MacFarlane	Geology of the west-central Seal Lake Group, central Labrador (including parts of NTS map areas 13K/4, 5 and 12, and 13L/1, 8 and 9).	313

GENERAL TOPICS

18.	A. Harris and S. Cochrane	Core-storage program, 2010.	337
19.	G.J. Stapleton, J.L. Smith and H.M. Rafuse	Mineral Occurrence Data System.	341

**NEWFOUNDLAND AND LABRADOR
2010 PROJECTS**

