

CONTENTS

Page

MINERAL DEPOSITS

1. J. Conliffe The Sawyer Lake iron-ore deposit, Western Labrador: Potential for future high-grade iron-ore deposits in the Labrador Trough.	1
2. J.G. Hinchey The Long Lake Group: Preliminary U–Pb geochronology and lithogeochemistry, and implications for tectonostratigraphic architecture and VMS mineralization.	15
3. A. Kerr and M.A. Hamilton Rare-earth element (REE) mineralization in the Mistastin Lake and Smallwood Reservoir areas, Labrador: Field relationships and preliminary U–Pb zircon ages from host granitoid rocks.	45
4. H.A. Sandeman The timing of mineralization at the Jaclyn Zone gold deposit, Central Newfoundland: Constraints from ⁴⁰ Ar/ ³⁹ Ar studies of white mica alteration adjacent the auriferous quartz veins.	63
5. H.A. Sandeman, J.R. Hull and D.H.C. Wilton Geology, lithogeochemistry and mineralization at the South Wood Lake gold prospect (Staghorn property), Exploits–Meelpaeg subzones boundary, western-central Newfoundland.	79
6. G.W. Sparkes and G.R. Dunning Late Neoproterozoic epithermal alteration and mineralization in the western Avalon Zone: A summary of mineralogical investigations and new U/Pb geochronological results.	99
7. G.J. Stapleton, J.L. Smith and T. Adams Mineral Inventory Project.	129

REGIONAL GEOLOGY

8. A.J. Mills Preliminary results from bedrock mapping in the Sweet Bay area (Parts of NTS map areas 2C/5 and 2C/12), Western Bonavista Peninsula, Newfoundland.	135
9. B.H. O’Brien and G.R. Dunning Lithostratigraphic status of the Hammerdown Basalt of the Western Notre Dame Bay volcanic belt, King’s Point area (NTS map area 12H/9), Newfoundland.	155
10. T.S. van Nostrand and W. Bradford Geology of the northeastern Ashuanipi Complex, western Labrador (Parts of NTS 1:50 000-scale map areas 23J/6, 7, 10, 11, 14 and 23O/3).	189

TERRAIN SCIENCES

11. M. Irvine Coastal monitoring in Newfoundland and Labrador: 2013 Update.	217
12. J.S. Organ Springdale–Sheffield Lake surficial ice-flow mapping results with potential implications for glacial Lake Howley.	231
13. M.J. Ricketts Granular-aggregate mapping in the Sweet Bay and Port Blandford map areas (NTS 2C/5 and 2D/8), Eastern Newfoundland.	249

**NEWFOUNDLAND AND LABRADOR
2013 PROJECTS**

