

CONTENTS

Page

MINERAL DEPOSITS

1. **W.L. Dickson** The Silurian Indian Islands Group and its relationships to adjacent units. 1
2. **P. Honarvar and G. Squires** Preliminary analysis of mineral potential modelling of the Victoria Lake Supergroup volcanic rocks: A weights of evidence approach. 25
3. **V.J. McNicoll, G.C. Squires, R.J. Wardle, G.R. Dunning and B.H. O'Brien** U–Pb geochronological evidence for Devonian deformation and gold mineralization in the eastern Dunnage Zone, Newfoundland. 45
4. **A. Kerr** Mesothermal gold mineralization in the Silurian Sops Arm group, western Newfoundland: A descriptive and historical overview. 61
5. **A. Kerr** Silurian rocks of the Sops Arm group, western Newfoundland: Some new food for future digestion. 91
6. **A. Kerr, O. van Breemen and R.A. Creaser** The timing of gold mineralization at the Rattling Brook deposit, White Bay: constraints from Re–Os and ⁴⁰Ar–³⁹Ar geochronology. 119
7. **J. Lake and D.H.C. Wilton** Structural and stratigraphic controls on mineralization at the Beaver Brook antimony deposit, central Newfoundland. 135

GEOCHEMISTRY, GEOPHYSICS AND TERRAIN SCIENCES

8. **M. Batterson, S. McCuaig and D Taylor** Mapping and assessing risk of geological hazard on the northeast Avalon Peninsula and Humber Valley, Newfoundland. 147
9. **M. Batterson, D. Taylor, T. Bell, D. Brushett and J. Shaw** Regional ice-flow mapping, surficial geology and till geochemistry of the northern Burin Peninsula and adjacent Placentia Bay. 161
10. **D. Liverman, M. Batterson, T. Bell, L. Nolan, A. Marich and M. Putt** Digital elevation models from shuttle radar topography mission data – new insights into the Quaternary history of Newfoundland. 177
11. **J. McConnell** Highlights of a detailed lake-sediment and water survey for PGE, gold and base metals in western Labrador. 191
12. **S. McCuaig** Glacial spillway deposits in the Gander Lake–Gambo area. 209

REGIONAL GEOLOGY

13. **W.D. Boyce and W.L. Dickson** Recent fossil finds in the Indian Islands Group, central Newfoundland. 221
14. **E. Gillis and E. Burden** New insights into the stratigraphy of the Blow Me Down Brook formation, western Newfoundland. 233
15. **B.H. O'Brien** Geometry of a fold-and-thrust belt near Lake Bond (NTS map areas 12H/1;12A/16), central Newfoundland. 243

16. **S.J. O'Brien, A.F. King and H.J. Hofmann** Lithostratigraphic and biostratigraphic studies on the eastern Bonavista Peninsula: An update. 257
17. **G.W. Sparkes** Late Neoproterozoic geology of the east coast of Conception Bay, Newfoundland Avalon Zone. 265

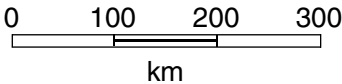
GENERAL TOPICS

18. **A. Harris and S. Cochrane** Core-storage program, 2005. 281
19. **C. Patey and C. Saunders** Documents and databases at the Publications and Information Section. 287
20. **G.J. Stapleton and J.L. Smith** Mineral Occurrence Data System. 289

DISCUSSION

21. **I.A. Brookes** Discussion on deglacial history of northern St. George's Bay; reply by **M. Batterson and K. Sheppard**. 293

NEWFOUNDLAND AND LABRADOR 2005 PROJECTS



QUÉBEC

Nain

LABRADOR

Labrador City
Wabush ● 11

Goose Bay



St. Anthony

● 10

● 6

● 4,5

● 10

● 15

● 1,13

Corner Brook

● 8

● 14

Grand Falls

● 7

● 3

Gander

● 12

● 16

● 21

● 10

● 2

● 10

Port aux
Basques

● 9

● 10

● 17

St. John's

● 8

18,19, 20

ISLAND OF NEWFOUNDLAND