

CONTENTS

	Page
ECONOMIC GEOLOGY	
1. J.R. Meyer and P.L. Dean Industrial Minerals in Labrador	1
2. R.R. Miller Letitia Lake Project: Progress Report	9
3. R.R. Miller Geology of the Strange Lake Alkalic Complex and the Associated Zr-Y-Nb-Be-REE Mineralization	11
4. A.F. Howse Marble Assessment - Insular Newfoundland	21
5. J. Tuach Metallogeny of Newfoundland Granites - Studies in the Western White Bay Area and on the Southwest Coast	27
6. J. Tuach and V.A. French Gold Mineralization of Possible Late Precambrian Age in the Jackson's Arm Area (12H/15), White Bay, Newfoundland	39
7. B.F. Kean and D.T.W. Evans Metallogeny of the Tulks Hill Volcanics, Victoria Lake Group, Central Newfoundland	51
8. D.T.W. Evans and B. F. Kean Geology of the Jacks Pond Volcanogenic Sulfide Prospects, Victoria Lake Group, Central Newfoundland	59
9. Allan Huard and Cyril O'Driscoll Epithermal Gold Mineralization in Late Precambrian Volcanic Rocks on the Burin Peninsula	65
REGIONAL GEOLOGY - LABRADOR	
10. B. Ryan and D. Lee Gneiss-Anorthosite-Granite Relationships in the Anaktalik Brook-Kogaluk River Area (NTS 14D/1, 8) Labrador	79
11. Andrew Kerr Plutonic Rocks of the Eastern Central Mineral Belt, Labrador: General Geology and Description of Regional Granitoid Units	89
12. Charles F. Gower, Timothy Van Nostrand, Gordon McRoberts, Loretta Crisby and Stephen Prevec Geology of the Sand Hill River - Batteau Map Region, Grenville Province, Eastern Labrador	101
13. R.J. Wardle and C. Ash Geology of the Goose Bay - Goose River Area	113
14. G.A.G. Nunn, R.F. Emslie, C.E. Lefebvre, N. Noel, and S. Wells The Atikonak River Massif and Surrounding Area, Western Labrador and Quebec	125
REGIONAL GEOLOGY - NEWFOUNDLAND	
15. Ian Knight Ordovician Sedimentary Strata of the Pistolet Bay and Hare Bay Area, Great Northern Peninsula, Newfoundland	147
16. W.D. Boyce Ordovician Biostratigraphic Investigations, Great Northern Peninsula, Western Newfoundland	161
17. W.D. Boyce Biostratigraphic and Paleoenvironmental Significance of Palaeoniscid Fish and Vascular Plant Remains from the Snakes Bight Formation (Anguille Group), Codroy Area, Southwestern Newfoundland	169
18. J.W. Botsford Aspects of Stratigraphy and Shale Geochemistry in Sedimentary Rocks of the Humber Arm Group	173
19. Svend Stouge Conodont Color Variation in the Lower/Middle Ordovician Strata of Western Newfoundland	177
20. Stephen Colman-Sadd Geology of the East Part of the Snowshoe Pond (12A/7) Area	179
21. S.J. O'Brien, W.L. Dickson and R.F. Blackwood Geology of the Central Portion of the Hermitage Flexure Area, Newfoundland	189
22. Arthur K. King Geology of the St. John's Area, Newfoundland	209

GEOCHEMISTRY / GEOPHYSICS

23. John McConnell	Exploration Geochemical Studies of Labrador Granitoids	219
24. James Butler	Geochemical Follow-up Surveys, Labrador Trough	221
25. Andrew Kerr and Peter Davenport	Regional Geochemical Patterns in the Eastern Central Mineral Belt of Labrador	223
26. Joan Tod	VLF-EM Investigations in Insular Newfoundland	239
27. Hugh G. Miller	Gravity Surveys in Insular Newfoundland, 1985	251

QUATERNARY GEOLOGY

28. Martin Batterson and Paul LeGrow	Quaternary Exploration and Surficial Mapping in the Letitia Lake Area, Labrador	257
29. D.G. Vanderveer	Quaternary Mapping/Drift Prospecting, Moran Heights, Labrador	267
30. M. Mihychuk	Quaternary Mapping and Exploration in the Bellburns Map Area (12 I/5 and 6) and Trapper Prospect Areas	271
31. Byron G. Sparkes and Sigrid M. Neuland	Surficial and Glacial Mapping - Peter Snout (11P/13) and King George IV Lake (12A/4) Map Areas, Southwestern Newfoundland	283
32. Fred Kirby	Detailed Aggregate Assessment Project - Insular Newfoundland	287
33. M.J. Ricketts	Detailed Aggregate Mapping Related to Concrete Platform Construction	291
34. Dan Bragg	Reconnaissance Study of Bedrock Aggregate Potential for Offshore and Industrial Use	297

GENERAL PROJECTS

35. A. Harris and S. Cochrane	Core Storage Program, 1985	303
36. C.F. O'Driscoll	Newfoundland Mineral Occurrence Data System	309
37. N.L. Mercer	Mineral Assessment Report Library - Microfiche Project	313
38. Catherine Patey	GEOSCAN - The National Database for Geological Information: The Newfoundland Contribution	314
39. H.A. Wagenbauer	Report of the Geochemical Laboratory for 1985	315
40. Harjit Missan	Activities of the Computer Unit	316

GEOLOGICAL SURVEY OF CANADA ABSTRACTS

41. R.A. Klassen and A.M. Bolduc	Ice Flow Trends and Drift Composition, Flowers River Area, Labrador	317
42. F.J. Thompson and R.A. Klassen	Ice Flow Directions and Drift Composition, Central Labrador	318
43. S. Dunsworth, T. Calon and J. Malpas	Structural and Magmatic Controls on the Internal Geometry of the Plutonic Complex and its Chromite Occurrences in the Bay of Islands Ophiolite, Newfoundland	319
44. J.V. Owen	Geology of the Silver Mountain Area, Western Newfoundland	320
45. C.M. Saunders and D.F. Strong	Assessment of Lead-Zinc Deposits of the Western Newfoundland Carbonate Platform	321
46. D.F. Strong and C.M. Saunders	Geological Setting of Sulphide Mineralization at Tilt Cove, Newfoundland	322
47. H.S. Swinden and P.E. Sacks	Stratigraphy and Economic Geology of the Southern Part of the Roberts Arm Group, Central Newfoundland	323
48. E.J. Zwicker and D.F. Strong	The Great Bend Ophiolite, Eastern Newfoundland: Field Investigations	324