

CONTENTS

Page

MINERAL DEPOSITS

J. Conliffe, H.A.I. Sandeman, I.W. Honsberger and C. Laflamme Orogenic gold mineralization in southern and central Newfoundland: Petrographic, fluid inclusion and sulphur isotope studies.	1
N. Lachance Mineral Inventory Project.	39
Z. Magyarosi and N. Rayner New geochronology data from the REE occurrences and associated rocks in the Port Hope Simpson–St. Lewis area, southeastern Labrador.	45
M. Schofield and D. Diekrup Preliminary investigations into the distribution of magmatic Ni–Cu–PGE mineralization in ultramafic–mafic rocks of the Florence Lake Group, Hopedale Block, Labrador.	63
G.W. Sparkes Advanced argillic alteration zones of the Burin Peninsula, Newfoundland: New insights utilizing field-based shortwave infrared spectrometry.	79

REGIONAL GEOLOGY

D. Diekrup, A.M. Hinchey, G.W. Sparkes, H.E. Campbell, L.G. Scorsolini and M. Schofield Preliminary results of satellite multispectral-supported bedrock mapping in northern Labrador.	105
A.M. Hinchey, S. Serna Ortiz, D. Skipton and D. Mendoza Marin Metasedimentary sequences in the Long Range Inlier: Detrital zircon evidence for post-Grenvillian sedimentary deposition.	115
A. Mills and J.J. Álvaro Stratigraphy and petrochemical evolution of volcanic rocks from the Long Harbour Group and Rencontre Formation, Avalon Zone, Newfoundland.	131
G.S. Santos Shared structural history between the Gander Group and Bay d’Espoir Group, south-central Newfoundland.	153
L.G. Scorsolini, A.M. Hinchey and D. Diekrup Deformation, metamorphism and magmatic activity in the southern Torngat Orogen, Labrador.	169
S. Serna Ortiz, A.M. Hinchey and N. Rayner Detrital zircon U–Pb geochronology and geochemistry of Orosirian sedimentary rocks, Aillik Group, Makkovik Province: Implications for provenance and tectonic setting.	183

TERRAIN SCIENCES AND GEOSCIENCE DATA MANAGEMENT

M. Arshian Processing merged aeromagnetic data, central Labrador, to assist with bedrock mapping, and mineral-deposit identification.	205
H.E. Campbell, J.S. Organ and J. Conliffe Fine-fraction indicator mineralogy in tills overlying mineralization from northeastern and southwestern Newfoundland: Implications for gold and critical-mineral exploration.	223
S. Jenkins, G. Roberts, D. Taylor, G. Kilfoil and R. Hazarika The Geoscience Atlas and geoscience data updates: 2024.	249
J.S. Organ Surficial geology along the Labrador–Island Transmission Link: Island Pond (NTS 12H/07) to Main River (NTS 12H/14), Great Northern Peninsula, Newfoundland.	255

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 28, 2025 to be considered for inclusion in Report 2026-1.

NEWFOUNDLAND AND LABRADOR 2024 PROJECTS

