

CONTENTS

Page

MINERAL DEPOSITS

1. **J. Conliffe, A. Smith and D. Wilton** Petrographic, geochemical and sulphur isotope studies of gabbro sills, Labrador Trough: Implications for Ni–Cu–PGE exploration. 1
2. **I.W. Honsberger, W. Bleeker, H.A.I. Sandeman and D.T.W. Evans** Structural geology of a gold-bearing quartz vein system, Wilding Lake region, central Newfoundland. 23
3. **A. Kerr and G.C. Squires** Serpentinites and associated rock types near Hopedale, Nunatsiavut: Potential for artisanal carving-stone resources. 39
4. **Z. Magyarosi, B.A. Sparkes, J. Conliffe and G.R. Dunning** The AGS fluorite deposit, St. Lawrence: Paragenetic sequence, fluid-inclusion analysis, structural control, host rock geochronology and implications for ore genesis. 59
5. **H.A.I. Sandeman and W.L. Dickson** An Ordovician, $^{40}\text{Ar}/^{39}\text{Ar}$ step-heating age for fabric-forming hornblende in amphibolite, the Great Bend Complex, central Newfoundland (NTS 2D/5). 85
6. **G.W. Sparkes** Short wavelength infrared spectrometry of hydrothermal alteration zones associated with volcanogenic massive sulphide mineralization, Buchans–Roberts Arm Belt, central Newfoundland. 97
7. **G.J. Stapleton and J.L. Smith** Mineral Inventory Project. 123

REGIONAL GEOLOGY

8. **J.P. Butler** New observations from the Andre Lake area (NTS 23I/12), western Labrador: Tectonic relationships in the Hinterlands of the New Québec Orogen. 131
9. **A. Hinchey and D. Corrigan** Geological setting of the Ingrid group, Labrador. 147
10. **A.J. Mills** Volcanic arc to arc-rift transition at Cutler Head, Sweet Bay area, Bonavista Peninsula. 157
11. **D.M. Rohr, E.A. Measures and W.D. Boyce** New Early and Middle Ordovician gastropods from western Newfoundland. 175

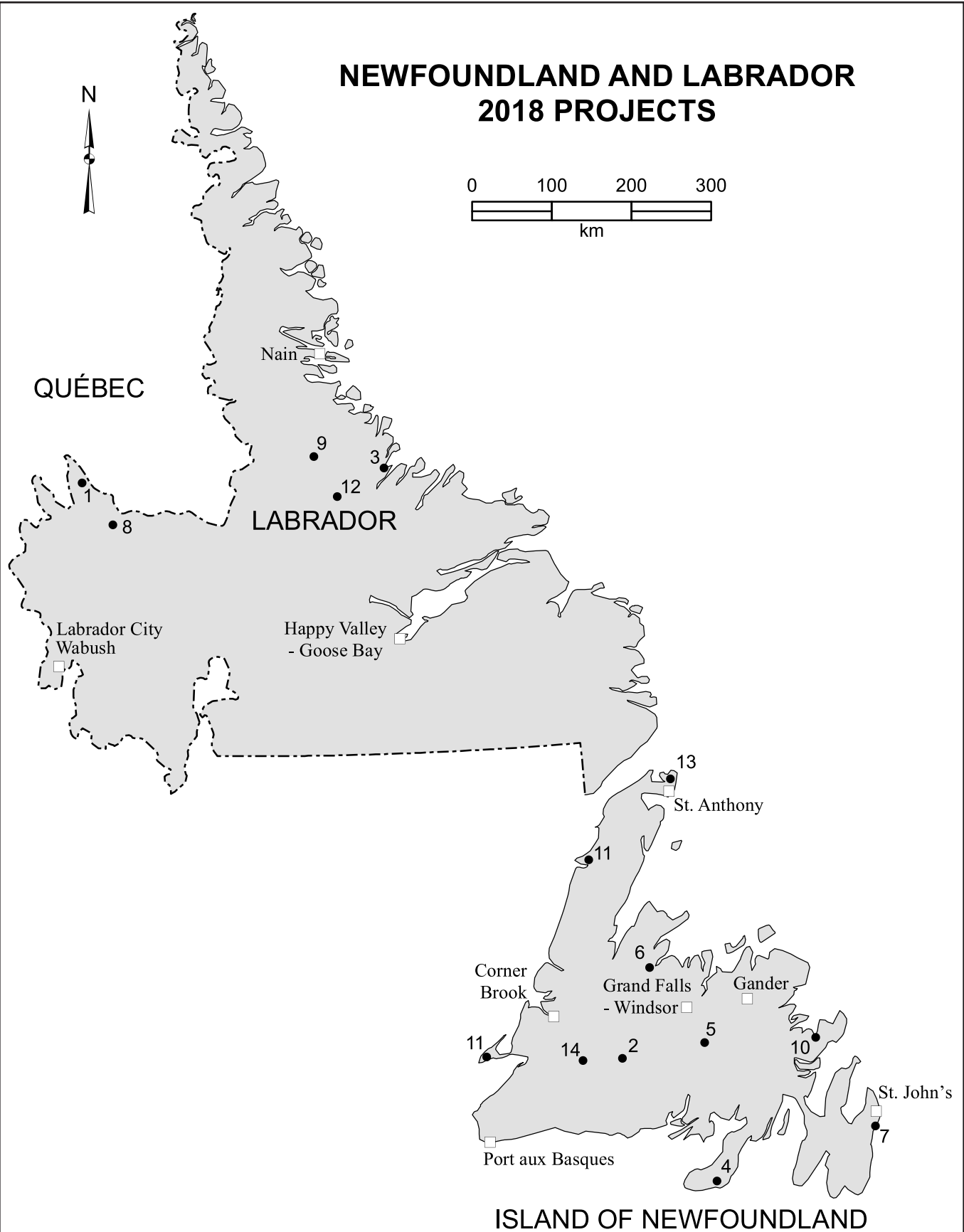
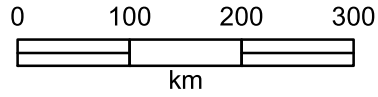
TERRAIN SCIENCES AND GEOSCIENCE DATA MANAGEMENT

12. **H.E. Campbell, M.B. McClenaghan, H.A.I. Sandeman and A. Hinchey** 2017 reconnaissance till-indicator mineral and glacial mapping study, Hopedale Block, NTS map areas 13N and 13M, Labrador. 187
13. **S. Hashmi** Surficial geological survey for assessing mineral resource potential, Great Northern Peninsula: Preliminary results. 211
14. **J.S. Organ and T. Dyke** Quaternary study of the Puddle Pond, Star Lake and Rainy Lake NTS map areas (12A/05, 11 and 14) in west-central Newfoundland. 227

ERRATUM

15. **A.J. Mills and H.A.I. Sandeman** Authors' correction. Table 1 of "Preliminary litho-geochemistry for mafic volcanic rocks from the Bonavista Peninsula, northeastern Newfoundland". 243

NEWFOUNDLAND AND LABRADOR 2018 PROJECTS



QUÉBEC

Nain

LABRADOR

Labrador City
Wabush

Happy Valley
- Goose Bay

St. Anthony

Corner
Brook

Grand Falls
- Windsor

Gander

St. John's

Port aux Basques

ISLAND OF NEWFOUNDLAND