

Geoscience Canada

Journal of the Geological Association of Canada
Journal de l'Association Géologique du Canada



Front Matter

Cindy Murphy

Volume 46, Number 3, 2019

URI: <https://id.erudit.org/iderudit/1065876ar>

[See table of contents](#)

Publisher(s)

The Geological Association of Canada

ISSN

0315-0941 (print)
1911-4850 (digital)

[Explore this journal](#)

Cite this document

Murphy, C. (2019). Front Matter. *Geoscience Canada*, 46(3), i–iii.

GEOSCIENCE CANADA

JOURNAL OF THE GEOLOGICAL ASSOCIATION OF CANADA
JOURNAL DE L'ASSOCIATION GÉOLOGIQUE DU CANADA



Gros Morne National Park – Outings in its Ancient Oceanic Crust

The Bathurst Mining Camp – A Canadian Giant Revisited

The Reign of Dinosaurs – From Triassic Beginnings to the K-T Boundary

Editor/Rédacteur en chef

Andrew Kerr
Department of Earth Sciences
Memorial University
St. John's, NL, Canada, A1B 3X5
E-mail: akerr@mun.ca

Managing Editor/directrice de rédaction

Cindy Murphy
Department of Earth Sciences
St. Francis Xavier University
Antigonish, NS, Canada, B2G 2W5
E-mail: cmurphy@stfx.ca

Publications Director/Directrice de publications

Karen Dawe
Geological Association of Canada
St. John's, NL, Canada, A1B 3X5
Tel: (709) 864-2151
E-mail: kfmdawe@mun.ca

Copy Editors/Rédacteurs copie

Stephen Amor, Lawson Dickson,
Rob Raeside, Paul Robinson

Associate Editors/Rédacteurs associés

Sandy Cruden, Fran Haidl, Jim Hibbard, John Hinckley, Stephen Johnston, Fraser Keppie

Assistant Editors/Directeurs adjoints

Columnist: Paul F. Hoffman
- The Tooth of Time
Outreach: Pierre Verpaelst (Québec)
Beth Halfkenny (Ontario)
Godfrey Nowlan (Prairies)
Eileen van der Flie-Keller (BC)
Sarah Laxton (North)
Professional Affairs for Geoscientists:
Oliver Bonham
Views from Industry: Elisabeth Kosters
Series:
Andrew Hynes Series: Tectonic Processes:
Stephen Johnston and Brendan Murphy
Classic Rock Tours: Andrew Kerr
Climate and Energy: Andrew Miall
Economic Geology Models: Elizabeth Turner
Geology and Wine
Geoscience Medallist: Andrew Kerr
Great Canadian Lagerstätten:
David Rudkin and Graham Young
Great Mining Camps of Canada:
Stephen McCutcheon
Heritage Stone:
Dolores Pereira and Brian R. Pratt
Igneous Rock Associations: Jaroslav Dostál
Modern Analytical Facilities: Keith Dewing,
Robert Linnen and Chris R.M. McFarlane
Remote Predictive Mapping:
Jeff Harris and Tim Webster

Illustrator/Illustrateur

Peter I. Russell, Waterloo, ON

Translator/Traductrice

Evelise Bourlon, Laggan, NS

Typesetter/Typography

Bev Strickland, St. John's, NL

Publisher/Éditeur

Geological Association of Canada
Alexander Murray Blvd., Rm ER4063
Memorial University of Newfoundland
St. John's, NL, Canada, A1B 3X5
Tel: (709) 864-7660
Fax: (709) 864-2532
gac@mun.ca
www.gac.ca

© Copyright 2019

Geological Association of Canada/
L'Association géologique du Canada
Except Copyright Her Majesty the Queen
in right of Canada 2019 where noted.
All rights reserved/
Tous droits réservés
Print Edition: ISSN 0315-0941
Online Edition: ISSN 1911-4850

Volume 46

A journal published quarterly by the Geological Association of Canada, incorporating the Proceedings.

Une revue trimestrielle publiée par l'Association géologique du Canada et qui en diffuse les actes.

Subscriptions: Receiving four issues of Geoscience Canada per year for \$50 is one of the benefits of being a GAC member. To obtain institutional subscriptions, please contact Érudit: www.erudit.org

Abonnement: Recevoir quatre numéros par année pour 50,00 \$ du magazine Geoscience est l'un des avantages réservés aux membres de l'AGC. Pour les abonnements institutionnels, s'il vous plaît contacter Érudit: www.erudit.org

Photocopying: The Geological Association of Canada grants permission to individual scientists to make photocopies of one or more items from this journal for non-commercial purposes advancing science or education, including classroom use. Other individuals wishing to copy items from this journal must obtain a copying licence from Access Copyright (Canadian Copyright Licensing Agency), 69 Yonge Street, Suite 1100, Toronto, Ontario M5E 1K3, phone (647) 503-4664. This permission does not extend to other kinds of copying such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Send permission requests to Geoscience Canada, at the Geological Association of Canada (address above).

La photocopie: L'Association géologique du Canada permet à tout scientifique, de rephotographier une ou des parties du présent périodique, pour ses besoins, à condition que ce soit dans un but non-commercial, pour l'avancement de la science ou pour des buts éducatifs, y compris l'usage en classe. Toute autre personne désirant utiliser des reproductions du présent périodique doit préalablement obtenir une licence à cet effet d'Access Copyright (Canadian Copyright Licensing Agency), 69 Yonge Street, suite 1100, Toronto, Ontario M5E 1K3, Tél.: (647) 503-4664. L'autorisation susmentionnée exclut toute autre reproduction, telle la reproduction pour fins de distribution générale, de publicité ou de promotion, pour la création de nouveaux travaux collectifs ou pour la revente. Faites parvenir vos demandes d'autorisation à Geoscience Canada, au soin de l'Association géologique du Canada (voir l'adresse indiquée ci-dessus).

Those wishing to submit material for publication in Geoscience Canada should refer to the Instructions to Authors on the journal's website, www.geosciencecanada.ca

AUTHORS PLEASE NOTE:

Please use the web address <http://journals.hil.unb.ca/index.php/GC/index> for submissions; please do not submit articles directly to the editor.

The Mission of the Geological Association of Canada is to facilitate the scientific well-being and professional development of its members, the learned discussion of geoscience in Canada, and the advancement, dissemination and wise use of geosciences in public, professional and academic life. Articles in Geoscience Canada are freely available one year after their publication date, unless authors have arranged for immediate open access. Opinions expressed and interpretations presented are those of the authors and do not necessarily reflect those of the editors, publishers and other contributors. Your comments are welcome.

Cover Image: The Moho in Gros Morne National Park, western Newfoundland; the grey rocks to the left are gabbro of the oceanic crust, and dark brown rocks to the right are mafic and ultramafic cumulates transitional into the upper mantle. Photo credit: John Waldron.

GEOSCIENCE CANADA

JOURNAL OF THE GEOLOGICAL ASSOCIATION OF CANADA

JOURNAL DE L'ASSOCIATION GÉOLOGIQUE DU CANADA

SERIES

Classic Rock Tours 2.

101

Exploring a Famous Ophiolite:

A Guide to the Bay of Islands Igneous Complex in Gros Morne National Park, Western Newfoundland, Canada

A. Kerr

Great Mining Camps of Canada 7.

137

The Bathurst Mining Camp, New Brunswick, Part 1: Geology and Exploration History

S.R. McCutcheon and J.A. Walker

REVIEW

The Rise and Fall of the Dinosaurs: A New History of a Lost World

155

T. Rivers

2019

VOLUME 46

GSCNA7 46 101-158

PRINT EDITION ISSN 0315-0941

ONLINE EDITION ISSN 1911-4850