
Front Matter

Volume 46, Number 1, 2019

URI: <https://id.erudit.org/iderudit/1059897ar>

[See table of contents](#)

Publisher(s)

The Geological Association of Canada

ISSN

0315-0941 (print)

1911-4850 (digital)

[Explore this journal](#)

Cite this document

(2019). Front Matter. *Geoscience Canada*, 46(1), i–iii.



Geoscience Canada - Active well into Middle Age

Oblique Convergence East of Superior - A New Angle on an Old Problem

Attributes of Appinites and Ascending Asthenosphere

Ten Thousand Holes in British Columbia?

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
 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 Hinchey
 Stephen Johnston, Fraser Keppie

Assistant Editors/Directeurs adjoints

Columnist: Paul F. Hoffman
 - The Tooth of Time

Outreach: Pierre Verpaelt (Québec)
 Beth Halfkenny (Ontario)
 Godfrey Nowlan (Prairies)
 Eileen van der Flier-Keller (BC)
 Sarah Laxton (North)

Professional Affairs for Geoscientists:
 Oliver Bonham

Views from Industry: Elisabeth Kusters
 Series:

Andrew Hynes Series: Tectonic Processes:
 Stephen Johnston, Brendan Murphy and
 Boswell Wing

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 Dostal

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 Bournon, Laggan, NS

Typesetter/Typographe

Bev Strickland, St. John's NL

Publisher/Éditeur

Geological Association of Canada
 c/o Department of Earth Sciences
 Memorial University of Newfoundland
 St. John's, NL, Canada, A1B 3X5
 Tel: (709) 864-7660
 Fax: (709) 864-2532
 gacpub@mun.ca
 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), 1 Yonge Street, Suite 1900, Toronto, Ontario M5E 1E5, phone (416) 868-1620. 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 reprographier 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), 1 Yonge Street, suite 1900, Toronto, Ontario M5E 1E5, Tél.: (416) 868-1620. 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: Dry karst stream and canyon in limestone of the Quatsino Formation, Tahshish River, Vancouver Island, British Columbia, Canada. Photo credit: Paul Griffiths.

GEOSCIENCE CANADA

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

Editorial	1
Geoscience Canada – Forty-Five Years Young <i>A. Kerr</i>	
ANDREW HYNES SERIES: TECTONIC PROCESSES	
Structural Features of the Central Labrador Trough: A Model for Strain Partitioning, Differential Exhumation and Late Normal Faulting in a Thrust Wedge under Oblique Shortening <i>E. Konstantinovskaya, G. Ivanov, J.L. Feybesse and J.L. Lescuyer</i>	5
Age, Geochemistry and Origin of the Ardara Appinite Plutons, Northwest Donegal, Ireland <i>J.B. Murphy, R.D. Nance, L.B. Gabler, A. Martell and D.A. Archibald</i>	31
Article	49
An Overview of the Karst Areas in British Columbia, Canada <i>T.R. Stokes and P.A. Griffiths</i>	
Acknowledgements	67
<i>Thank You to 2017–2018 Guest Editors and Reviewers</i>	