

Geochemistry

EXPLORATION, ENVIRONMENT,
ANALYSIS

The journal is abstracted and/or indexed in *AGI's Bibliography and Index of Geology*, *Chemical Abstracts*, *Current Contents*, *Engineering Index*, *GEODATA*, *GeoRef*, *Mineralogical Abstracts*, *PASCAL/CNRS*, *GeoArchive*, *Thomson ISI database (SCIE, CC/PC & ES)*

CONTENTS - Volume 17, No. 1

Geochemical and mineralogical controls on metal(loid) dispersion in streams and stream sediments in the Prairie Creek district, NWT

Kristina Skeries, Heather Jamieson, Hendrik Falck, Suzanne Paradis & Stephen Day

1

Geochemical and mineralogical controls on metal(loid) mobility in the oxide zone of the Prairie Creek Deposit, NWT

Drew Stavinga, Heather Jamieson, Daniel Layton-Matthews, Suzanne Paradis & Hendrik Falck

21

Editor: **K. Kyser**, Queen's University, Canada
(e-mail: kyserk@queensu.ca)

Associate Editors: **M. Leybourne** (Laurentian University, Canada), **J. Carranza** (James Cook University, Australia)

Production Editor: **Jessica Pollitt**, Geological Society Publishing House, Bath, UK
(e-mail: jessica.pollitt@geolsoc.org.uk)

Hydrogeochemical assessment of groundwater quality in the Soutpansberg Basin around Tshikondeni, Limpopo Province, South Africa

Ntokoza Malaza

35

The Blackwater gold-spessartine-pyrolusite glacial dispersal train, British Columbia, Canada: Influence of sampling depth on indicator mineralogy and geochemistry

Stuart A. Averill

43

Geochemistry: Exploration, Environment, Analysis (ISSN 1467-7873) is published in February, May, August and November by the Geological Society Publishing House the Geological Society, London and the Association of Applied Geochemists.

Subscription rates 2017 (volume 17, 4 parts): All correspondence relating to trade subscriptions should be addressed to the Journal Subscriptions Department, Geological Society Publishing House, Unit 7, Brassmill Enterprise Centre, Brassmill Lane, Bath, UK, BA1 3JN (Tel: +44 (0) 1225 445046; Fax: +44 (0) 1225 442836; e-mail: sales@geolsoc.org.uk). The subscription prices for 2017 to institutions and non-fellows are GEEA Online: £281 +VAT (UK), £318 +VAT (overseas) or GEEA Online + print: £337 +VAT (UK), £382 +VAT (overseas). The current tax rates (for UK and European Union subscribers) and more information can be found at <http://www.geolsoc.org.uk/lcaccess>.

Periodical postage paid at Middlesex, N.J. *Postmaster:* send address changes to *Geochemistry: Exploration, Environment, Analysis*. The Geological Society, c/o Pronto Mailers, PO Box 177, Middlesex, NJ 08846.

© 2017 The Geological Society of London and AAG. Except as otherwise permitted under the Copyright, Designs and Patents Acts, 1988, this publication may only be reproduced, stored or transmitted, in any form or by any means, with the prior permission in writing of the Publishers or in the case of reprographic reproduction in accordance with the terms of licences issued by the Copyright Licensing Agency Ltd, Saffron House, 6–10 Kirby Street, London EC1N 8TS, UK. Enquiries concerning reproduction outside these terms should be sent to the Publishers at the Bath address. Users registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA: The item-fee code for this journal is 1467-7873/17/\$15.00.

The Geological Society and AAG make no representation, express or implied, with regard to the accuracy of the information contained in this publication and cannot accept any legal responsibility for any errors or omissions that may be made.

Cover illustration: Champagne pool – gold deposit in the making. North island, New Zealand. Photographer: R. Bowell.