CONTENTS - Volume 18, No. 1

Integrating petrogenesis and weathering to understand regolith chemistry: examples from the Palaeoproterozoic Carson Volcanics, north Kimberley, Western Australia
Paul Morris

Development of partial extraction methods to estimate abundance of copper-iron sulphide minerals in the Escondida Norte porphyry copper deposit, Chile
Richard K. Preece, Martin J. Williams & Jonathan M. Gilligan

Soil-gas and weak partial soil extractions for nickel exploration through transported cover in Western Australia

Heavy metal contamination and health risk assessment in Critical Zone of Luan River Catchment in the North China Plain
Rong Ma, Xiaoni Zhou & Jiansheng Shi

MMI partial extraction geochemistry for the resolution of anthropogenic activities across the archaeological Roman town of Calleva Atrebatum
Graham C. Sylvester, Alan W. Mann, Samantha R. Cook & Clare A. Wilson

Assessment of sulphate and iron reduction rates during reactor start-up for passive anaerobic co-treatment of acid mine drainage and sewage
Peter M. Smyntek, Jeffrey Chastel, Rebecca A. M. Peer, Evan Anthony, Jacob McCloskey, Emily Bach, Rachel C. Wagner, Joel Z. Bandstra & William H. J. Strosnider

Determination of carbonate vein chemistry using portable X-ray fluorescence and its application to mineral exploration
Benjamin S. Andrew & Shaun L. L. Barker

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 2018 (volume 18, 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 2018 to institutions and non-fellows are GEEA Online: £298 +VAT (UK), £337 +VAT (overseas) or GEEA Online + print: £373 +VAT (UK), £421 +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.


© 2018 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 1467-7873/18/$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: Eucalyptus woodland, the dominant landscape of the southern Yilgarn Craton. This image is near the North Mittel Ni sulphide deposit buried 400m below the surface. Photographer: R. Noble.