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

Editor: G. E. M. Hall, Geological Survey of Canada, Ottawa, Canada (e-mail: GHall@NRCan.gc.ca)

Associate Editors: M. Leybourne (GNS Science, New Zealand), J. Carranza (ITC, The Netherlands)

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

CONTENTS - Volume 10, No. 3

Introduction
R. J. Howarth 211

John Stuart Webb, FREng, and Applied Geochemistry at the Imperial College of Science and Technology, London
R. J. Howarth 213

Early years in the Geochemical Prospecting Research Centre, Imperial College of Science and Technology, London: exploration geochemistry in Zambia in the late 1950s; a personal recollection
G. J. S. Govett 237

Analytical methodology in the Applied Geochemistry Research Group (1950–1988) at the Imperial College of Science and Technology, London
M. Thompson 251

Gas geochemistry and deeply buried mineral deposits: the contribution of the Applied Geochemistry Research Group, Imperial College of Science and Technology, London
M. Hale 261

The legacy of John Webb and the Applied Geochemistry Research Group, Imperial College of Science and Technology, London, to geochemical exploration in Australia
C. R. M. Butt & R. H. Mazzucchelli 269

A synthesis of Applied Geochemistry Research Group and consequent research at the Imperial College of Science and Technology, London, into establishing geochemical exploration techniques for marine minerals
D. S. Cronan 279

Statistical analysis and data display at the Geochemical Prospecting Research Centre and Applied Geochemistry Research Group, Imperial College, London
R. J. Howarth & R. B. Garrett 289

Research in Applied Environmental Geochemistry, with particular reference to Geochemistry and Health
I. Thornton 317

Geochemical exploration in Cornwall and Devon: a review
C. J. Moon 331

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

Subscription rates 2010 (volume 10, 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 2010 to institutions and non-fellows are GEEA Online: £199 + VAT (UK), £225/US$450 (overseas) or GEEA Online+print: £209 + VAT (UK), £236/US$473 (overseas). The current tax rates (for UK and European Union subscribers) and more information can be found on http://www.geolsoc.org.uk/LyellCollection.


© 2010 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 1467-7873/10/$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: Airborne hyperspectral (Hymap) image showing hydrothermal alteration associated with high-sulfidation epithermal gold mineralization near Rodalquilar, Almeria province, Spain. Red: Intens alteration, alunite and kaolinite; Green: Alteration, illite; Blue: Unaltered volcanic and sedimentary rock. Viewing direction is east. Width of floodplain approximately 500 m. Vertical exaggeration is 2. Pixel size of the image: 4x4 m. Map produced by F. van Ruitenbeek, ITC, The Netherlands.