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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 2014 (volume 14, 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 2014 to institutions and non-fellows are GEEA Online: £284.40 +VAT (UK), £268 (overseas) or GEEA Online+print: £327.55 +VAT (UK), £315 (overseas). The current tax rates (for UK and European Union subscribers) and more information can be found on http://www.geolsoc.org.uk/LyellCollection.


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Cover illustration: Miocene white quartz gravels at the foot of Mount St. Bathans in central Otago, New Zealand that were exposed during placer gold mining operations in the late 1800s. When placer mining ceased in the 1930s, the man-made depression was allowed to fill in and Blue Lake was formed. Credit: Beth McClenaghan.