CONTENTS - Volume 15, No. 2–3

Mobile Metal Ion® analysis of European agricultural soils: bioavailability, weathering, geogenic patterns and anthropogenic anomalies
A. Mann, C. Reimann, P. de Caritat, N. Turner, M. Birke & GEMAS Project Team 99

A comprehensive approach to understanding ore deposits using portable X-ray fluorescence (pXRF) data at the Plutonic Gold Mine, Western Australia

Implications of high-precision Re-Os molybdenite dating of the Navachab orogenic gold deposit, Namibia
N. Steven, R. Creaser, K. Wulf, A. Kisters, B. Eglington & J. Miller 125

Predicting release of total dissolved solids from overburden material using acid-base accounting parameters
J. Odenheimer, J. Skousen, L. M. McDonald, D. J. Vesper, M. Mannix & W. L. Daniels 131

From tree-tops to massive sulphide in the Mabel Lake area, British Columbia, Canada
C. E. Dunn, R. I. Thompson, R. Hetherington, M. Cornelius & C. R. Ringrose 138

Contrasting geochemistry of orogenic gold deposits in Yukon, Canada and Otago, New Zealand
D. Craw, J. Mortensen, D. Mackenzie & I. Pitcairn 150

Pyrochlore and columbite-tantalite as indicator minerals for specialty metal deposits
D. A. R. Mackay & G. J. Simandl 167

Biogeochemical exploration using Triodia pungens in the Tanami Desert, Australia
I. P. Hodkinson, C. E. Dunn, H. M. Waldron, R. Scarlett & C. P. Vose 179

Geochemistry in prospectivity modelling: investigating gold mineralization in the Taupo Volcanic Zone, New Zealand
C. E. Payne & K. J. Peters 193

Gold exploration using heavy minerals in till and weathered bedrock in Petäjäselkä, northern Finland
A. Taivalkoski, P. Sarala & H. Hulkkö 205

Soil gas geochemical exploration in covered terrains of northern Chile: data processing techniques and interpretation of contrast anomalies

Geochemical and mineralogical dispersal in till from the Mount Polley Cu-Au porphyry deposit, central British Columbia, Canada

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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 McChenagahan.