These are papers that were presented at the 25th International Applied Geochemistry Symposium (IAGS) held in Rovaniemi, Finland 22-26 August 2011. The issue is edited jointly by Gwendy Hall and Pertti Sarala.

Metal migration at the North Miletel Ni sulphide deposit in the southern Yilgarn Craton: Part 1, regolith and groundwater

Metal migration at the North Miletel Ni sulphide deposit in the southern Yilgarn Craton: Part 2, vegetation and organic soil
M. J. Lintern, R. R. P. Noble, N. Reid & R. R. Anand 87

Metal migration at the North Miletel Ni sulphide deposit in the southern Yilgarn Craton: Part 3, gas and overview

The significance of copper concentrations in natural gold alloy for reconnaissance exploration and understanding gold-depositing hydrothermal systems
N. R. Moles, R. J. Chapman & R. B. Warner 115

Rare earth element and gold exploration in glaciated terrain: example from the Mäkärä area, northern Finland
O. Sarapää & P. Sarala 131

Geochemical assessment of arsenic toxicity in mine site along the proposed Mineral Tramway Project, Camborne, Cornwall
R. J. Bowell, S. B. Rees, A. Barnes, A. Prestia, R. Warrender & B. M. Dey 145

Riparian eucalypt biogeochemical expression of groundwater salinity, Murray River, South Australia
S. M. McLennan, S. M. Hill, M. Hatch, K. Barovich & V. Berens 159