CONTENTS – Volume 45, Part 1, February 2012

Editorial
M.G. Winter

Photographic feature
A field guide to the engineering geology of the French Alps, Grenoble
D. Giles

Research Articles
Hydrogeological insights from groundwater level hydrographs in SE Ireland
K.M. Tedd, B.D.R. Missiear, C. Coxon, D. Daly & N.H. Hunter Williams

Groundwater resources of aquifers with extensive confined regions illustrated by the Woburn Sands, Bedfordshire, UK
K.R. Ruston & R.C. Carter

Geochemical and mineralogical properties of the Lower Callovian (Jurassic) Kellaways Sand, variations in trace element concentrations and implications for hydrogeological risk assessment

Chlorofluorocarbons as tracers of landfill leachate in surface and groundwater
A.E. Foley, T.C. Atkinson & Y. Zhao

Swelling tests on material from the Guabirotuba Formation, Parana, Brazil, with suction control
E.M. Pereira, O.J. Pejon & L.V. Zuquette

Assessing the potential for future first-time slope failures to impact the oil and gas pipeline corridor through the Makarov Mountains, Sakhalin Island, Russia

Laboratory investigation of wave run-up caused by landslides in dam reservoirs
A. Najafi-Jilani & B. Ataie-Ashtiani

Mapping and predicting electrical conductivity variations across southern England using airborne electromagnetic data
D. Beamish & J.C. White

Technical Notes
Modelling the decrease of total soluble salts of clayey soils during long-term soaking
S.S. Razouki, D.K. Kuttah & N.W. Jassim

Groundwater flood or groundwater-induced flood?
N.S. Robins & J.W. Finch

Discussion
Discussion on ‘The application of analytical solutions to the thermal plume from a well doublet ground source heating or cooling scheme’ by D. Banks, Quarterly Journal of Engineering Geology and Hydrogeology, 44, 191–197.
J. Barker

S. Hosseyni, N. Torii, E.N. Bromhead, M. E. Barton & P. Garvey