Weathering of chlorite: I. Reactions and products in microsystems controlled by the primary mineral

Mehrooz F. Aspandiar and Richard A. Eggleton

Weathering of chlorite: II. Reactions and products in microsystems controlled by solution avenues

Mehrooz F. Aspandiar and Richard A. Eggleton

Zeolitization of a phonolitic ash flow by groundwater in the Laach volcanic area, Eifel, Germany

Franz Bernhard and Ulrike Barth-Wirsching

Clay mineralogy of Spodosols with high clay contents in the Subalpine forests of Taiwan

Ching-Wei Lin, Zeng-Yei Hseu and Zueng-Sang Chen

Formation of sepiolite-palygorskite and related minerals from solution

Rezan Birsoy

Transmission electron microscopy evidence for experimental illitization of smectite in K-enriched seawater solution at 50°C and basic pH

A. Drief, F. Martinez-Ruiz, F. Nieto and N. Velilla Sanchez

Transmission and analytical electron microscopy evidence for high Mg contents of 1M illite: absence of 1M polytypism in normal prograde diagenetic sequences of pelitic rocks

Donald R. Peacor, Blanca Bauluz, Hailiang Dong, David Tillick and Yonghong Yan

Chemical disaggregation of kaolinitic claystones (tonsteins and flint clays)

Don M. Triplehorn, Bruce F. Bohor and William J. Bettrton

Effect of acid and alkali treatments on surface areas and adsorption energies of selected minerals

Grzegorz Jozefaciuk and Grzegorz Bowanko

Influence of gibbsite surface area and citrate on Ni sorption mechanisms at pH 7.5

Noriko U. Yamaguchi, Andreas C. Scheinost and Donald L. Sparks

Emanation thermal analysis of natural and chemically-modified vermiculite

J. Poyato, L. A. Pérez-Maqueda, A. Justo and V. Balek

Preparation and characterization of Eu-magadiite intercalation compounds

Naoko Mizukami, Masashi Tsujimura, Kazuyuki Kuroda and Makoto Ogawa

Diagenesis and rheology of a Recent–Pleistocene volcanogenic sedimentary sequence, Mexican Basin

Liberto de Pablo-Galán, Juan J. de Pablo and M. de Lourdes Chávez-García

Technical Referees, Volume 50, 2002

Comprehensive Subject and Author Index, Volume 50, 2002

Forthcoming papers

Contents of Volume 50, 2002