American Journal of Science

DECEMBER 2007

CONTENTS

Geochronologic constraints on the chronostratigraphic framework of the Neoproterozoic Huqf Supergroup, Sultanate of Oman 1097
Samuel A. Bowring, John P. Grotzinger, Daniel J. Condon, Jahandar Ramezani, Mark J. Newall, and Philip A. Allen

Applicability of averaged concentrations in determining geochemical reaction rates in heterogeneous porous media 1146
Li Li, Catherine A. Peters, and Michael A. Celia

Stratigraphic record of Triassic-Jurassic collisional tectonics in the Blue Mountains province, northeastern Oregon 1167
Rebecca J. Dorsey and Todd A. LaMaskin

ERRATA
Near surface hydrologic response for a steep, unchanneled catchment near Coos Bay, Oregon: 1. Sprinkling experiments 1194
Brian A. Ebel, Keith Loague, William E. Dietrich, David R. Montgomery, Raymond Torres, Suzanne P. Anderson, and Thomas W. Giambelluca

Author Index 1197
Subject Index 1204
Volume Contents iii