Number 7

Diffusion metasomatism and mineral reaction zones: general principles and application to feldspar alteration  
John H. Weare, John R. Stephens, and Hans P. Eugster 767

Bimetasomatism resulting from intergranular diffusion: I. A theoretical model for monomineralic reaction zone sequences  
John D. Frantz and H. K. Mao 817

Metamorphism of calcareous sediments in the Waterville-Vassalboro area, south-central Maine: mineral reactions and graphical analysis ......................................................... J. M. Ferry 841

Comparison of methods for calculating and extrapolating equilibria in P–T–X_{CO2} space ............ D. M. Kerrick and J. Slaughter 883

DISCUSSION

Stream characteristics in Eastern Jamaica, an environment of seasonal flow and large floods ................................................................. P. A. Wood 917

Reply .............................................................................................................. Avijit Gupta 918

REVIEWS

Glacial and Periglacial Geomorphology, 2d ed.—v. 1, Glacial Geomorphology, v. 2. Periglacial Geomorphology; by Clifford Embleton and C. A. M. King  
Arthur L. Bloom 919

Ice Ages: Ancient and Modern; edited by A. E. Wright and F. Moseley  
Max D. Crittenden, Jr. 919

The Mechanics of Frozen Ground; by N. A. Tsytovitch; edited by G. K. Swinow  
N. R. Morgenstern 921

Rock Mechanics: The American Northwest; edited by Barry Voight and Mary Anne Voight ......................................................... Thomas C. Nichols, Jr. 922

Death Valley; Geology, Ecology, Archeology; by Charles B. Hunt  
Lauren Wright 923

The Emergence of Agricultural Science—Justus Liebig and the Americans, 1840-1880; by Margaret W. Rossiter ............................................. Sterling Hendricks 925