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ABOUT THE COVER: Projection of the 3D

model of a tomographic

epoxy-clay nanocomposite,

generated from a tilt series

Colors represent individual,

exfoliated clay layers. From Drummy LF, Koerner H,

Farmer BL, Vaia RA (2007)

Advanced morphology

characterization of CPN.

In: Carrado KA, Bergaya F

(eds) Clay-Based Polymer

Minerals Society, Chantilly, VA, pp 97-140. REPRODUCED

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Nano-composites, Clay

of electron micrographs.

reconstruction of an

Bentonites – Versatile Clays

Derek C. Bain, Guest Editor



Bentonite and Its Impact on Modern Life

Don D. Eisenhour and Richard K. Brown



Bentonites – Clays for Molecular Engineering

Necip Güven



Geological Aspects and Genesis of Bentonites

George E. Christidis and Warren D. Huff



Bentonite, Bandaids, and Borborygmi

Lynda B. Williams, Shelley E. Haydel, and Ray E. Ferrell Jr.



Bentonite Clay Keeps Pollutants at Bay

Will P. Gates, Abdelmalek Bouazza, and G. Jock Churchman



Acid Activation of Bentonites and Polymer-Clay Nanocomposites

Kathleen A. Carrado and Peter Komadel



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