

Volcanic ash as source material for clay and zeolite mineral formation

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Abstract: Clay and zeolite minerals can be derived from volcanic source materials by a wide variety of geologic processes: chemical weathering, diagenesis and paragenesis. Examples of papers appropriate for this session include low-temperature ash diagenesis (experimental, field, and modeling studies), fluid-rock interactions (experimental and modeling studies), and field studies (volcanic soil, saline alkaline lake, low-grade metamorphic and hydrothermal systems).