
Mixed-Layer Kaolinite-Montmorillonite: A Comparison of Observed and Calculated Diffraction Patterns

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Abstract: X-ray diffraction patterns for mixed-layer kaolinite-glycerine-saturated montmorillonite were calculated, taking into account the differences of scattering power of kaolinite and montmorillonite layers. The data were compared with the experimental results for two kaolinite-montmorillonite mixed-layer minerals. The probability parameters and the total number of layers in crystals were established.

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