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The Calcium Carbonate Geological Samples Study by ^3He NMR

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Abstract

© 2017 Springer-Verlag Wien Geological samples of calcium carbonates (CaCO_3) were investigated by ^3He NMR, nitrogen porosimetry, X-ray diffraction and electron microscopy methods. The integral porosity of the samples was obtained by ^3He nuclear magnetic resonance method and compared with nitrogen adsorption isotherms data. The advantages of ^3He porometry method are discussed.

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