

## The Calcium Carbonate Geological Samples Study by $^3\text{He}$ NMR

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### Abstract

© 2017 Springer-Verlag Wien Geological samples of calcium carbonates ( $\text{CaCO}_3$ ) were investigated by  $^3\text{He}$  NMR, nitrogen porosimetry, X-ray diffraction and electron microscopy methods. The integral porosity of the samples was obtained by  $^3\text{He}$  nuclear magnetic resonance method and compared with nitrogen adsorption isotherms data. The advantages of  $^3\text{He}$  porometry method are discussed.

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