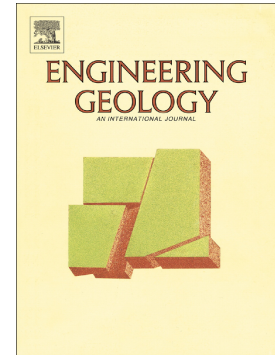


Accepted Manuscript

Application of photoacoustic spectroscopy to characterize thermal diffusivity and porosity of caprocks

Mayka Schmitt, Claudio M. Poffo, João Cardoso de Lima, Celso Peres Fernandes, Viviane Sampaio Santiago dos Santos



PII: S0013-7952(17)30179-5
DOI: doi: [10.1016/j.enggeo.2017.02.003](https://doi.org/10.1016/j.enggeo.2017.02.003)
Reference: ENGEO 4483

To appear in: *Engineering Geology*

Received date: 15 May 2016
Revised date: 1 February 2017
Accepted date: 2 February 2017

Please cite this article as: Mayka Schmitt, Claudio M. Poffo, João Cardoso de Lima, Celso Peres Fernandes, Viviane Sampaio Santiago dos Santos , Application of photoacoustic spectroscopy to characterize thermal diffusivity and porosity of caprocks. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Enggeo(2017), doi: [10.1016/j.enggeo.2017.02.003](https://doi.org/10.1016/j.enggeo.2017.02.003)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Application of photoacoustic spectroscopy to characterize thermal diffusivity and porosity of caprocks.

Mayka Schmitt^{1*}, Claudio M. Poffo², João Cardoso de Lima², Celso Peres Fernandes¹, Viviane Sampaio Santiago dos Santos³

¹*Porous Media and Thermophysical Properties Laboratory (LMPT), Mechanical Engineering Department, Federal University of Santa Catarina, 88040-900 Florianópolis, SC, Brazil.*

²*Physics Department, Federal University of Santa Catarina, 88040-900 Florianópolis, SC, Brazil.*

³*Leopoldo Américo Miguez de Mello Research and Development Centre (CENPES-Petrobras), 21941-598 Rio de Janeiro, RJ, Brazil.*

* Corresponding author. Tel.: +55(48)3721-7709, Fax: +55(48)3721-7615. E-mail address: maykadole@yahoo.com.br (Mayka Schmitt). Permanent address: Rua João Henrique Pauli, 518, CEP: 88180-000, Antônio Carlos / SC, Brazil.

Download English Version:

<https://daneshyari.com/en/article/5787600>

Download Persian Version:

<https://daneshyari.com/article/5787600>

[Daneshyari.com](https://daneshyari.com)