Accepted Manuscript

Influence of colloids on metal concentrations and radiogenic strontium isotopes in groundwater and oil and gas-produced waters

Thai T. Phan, J. Alexandra Hakala, Daniel J. Bain

PII: S0883-2927(18)30134-3

DOI: 10.1016/j.apgeochem.2018.05.018

Reference: AG 4095

To appear in: Applied Geochemistry

Received Date: 7 February 2018

Revised Date: 2 May 2018

Accepted Date: 23 May 2018

Please cite this article as: Phan, T.T., Hakala, J.A., Bain, D.J., Influence of colloids on metal concentrations and radiogenic strontium isotopes in groundwater and oil and gas-produced waters, *Applied Geochemistry* (2018), doi: 10.1016/j.apgeochem.2018.05.018.

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.



1	Influence of colloids on metal concentrations and radiogenic
2	strontium isotopes in groundwater and oil and gas-produced waters
3	
4	
5	Thai T. Phan ^{a-c*} , J. Alexandra Hakala ^a , Daniel J. Bain ^b
6 7	
8 9	^a National Energy Technology Laboratory, U.S. Department of Energy, Pittsburgh, PA 15236, USA
9 10 11 12 13 14 15 16 17 18 19 20	^b Department of Geology and Environmental Science, University of Pittsburgh, Pittsburgh, PA 15260, USA ^c Department of Earth and Environmental Sciences, University of Waterloo, ON, N2L 3G1, Canada
21	*Corresponding author:
22 23 24 25	Thai T. Phan Department of Earth and Environmental Sciences, University of Waterloo 200 University Ave. W, Ontario, N2L 3G1, Canada Email: <u>thai.phan@uwaterloo.ca</u>

Download English Version:

https://daneshyari.com/en/article/8863068

Download Persian Version:

https://daneshyari.com/article/8863068

Daneshyari.com