Accepted Manuscript

Complex Conductivity Response to Silver Nanoparticles in Partially Saturated Sand Columns

Gamal Abdel Aal, Estella A. Atekwana, D. Dale Werkema Jr

PII: DOI: Reference: S0926-9851(16)30643-7 doi:10.1016/j.jappgeo.2016.12.013 APPGEO 3164

To appear in: Journal of Applied Geophysics

Received date:20 ApRevised date:15 NoAccepted date:9 Dec

20 April 2016 15 November 2016 9 December 2016



Please cite this article as: Aal, Gamal Abdel, Atekwana, Estella A., Werkema Jr, D. Dale, Complex Conductivity Response to Silver Nanoparticles in Partially Saturated Sand Columns, *Journal of Applied Geophysics* (2016), doi:10.1016/j.jappgeo.2016.12.013

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.

Complex Conductivity Response to Silver Nanoparticles in Partially Saturated Sand

Columns

Gamal Abdel Aal^{1,2}, Estella A. Atekwana¹, D. Dale Werkema Jr.³

¹Oklahoma State University, Stillwater, Oklahoma, USA ²Geology Department, Faculty of Science, Assuit University, Assiut, Egypt, ³U.S. Environmental Protection Agency, ORD, NERL, EMMD, ECB, Las Vegas, Nevada, USA

> Corresponding author: estella.atekwana@okstate.edu, 405-744-6358 ph; 405-744-7841 fax. Boone Pickens School of Geology Oklahoma State University 105 Noble Research Center Stillwater, Oklahoma 74078, USA

Download English Version:

https://daneshyari.com/en/article/5787179

Download Persian Version:

https://daneshyari.com/article/5787179

Daneshyari.com