Accepted Manuscript

Title: Low Arsenic Bioaccessibility by fixation in Nanostructured Iron (Hydr)oxides: Quantitative identification of As-bearing phases

Authors: Virginia S.T. Ciminelli, Daphne C. Antônio, Claudia L. Caldeira, Erico T.F. Freitas, Itamar Daniel Delbem, Marcus M. Fernandes, Massimo Gasparon, Jack C. Ng

PII: S0304-3894(18)30189-4

DOI: https://doi.org/10.1016/j.jhazmat.2018.03.037

Reference: HAZMAT 19257

To appear in: Journal of Hazardous Materials

Received date: 25-9-2017 Revised date: 28-2-2018 Accepted date: 20-3-2018

Please cite this article as: Ciminelli VST, Antônio DC, Caldeira CL, Freitas ETF, Delbem ID, Fernandes MM, Gasparon M, Ng JC, Low Arsenic Bioaccessibility by fixation in Nanostructured Iron (Hydr)oxides: Quantitative identification of As-bearing phases, *Journal of Hazardous Materials* (2010), https://doi.org/10.1016/j.jhazmat.2018.03.037

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.



Low Arsenic Bioaccessibility by fixation in Nanostructured Iron (Hydr)oxides: quantitative identification of As-bearing phases

Virginia S.T. Ciminelli^{a,b*}, Daphne C. Antônio^a, Claudia L. Caldeira ^{a,b}, Erico, T. F. Freitas^a, Itamar Daniel Delbem^a, Marcus M. Fernandes^d, Massimo Gasparon^{b,d}, Jack C. Ng^e

^aUniversidade Federal de Minas Gerais, Belo Horizonte 31270901, Brazil, ciminelli@demet.ufmg.br. Tel: +55 3134091825.

^bNational Institute of Science and Technology on Minerals Resources, Water and Biodiversity, INCT-Acqua, Brazil

°Centro de Inovação e Tecnologia SENAI FIEMG – CITSF / Campus CETEC Belo Horizonte 31035536, MG, Brazil,

^dThe University of Queensland, School of Earth and Environmental Sciences, St Lucia 4072, Australia,

^eThe University of Queensland, Queensland Alliance for Environmental Health Sciences (QAEHS), Brisbane 4108, Australia.

*Corresponding author

Graphical abstract

Download English Version:

https://daneshyari.com/en/article/6968523

Download Persian Version:

https://daneshyari.com/article/6968523

Daneshyari.com