

Accepted Manuscript

Impact of Natural Organic Matter Coatings on the Microbial Reduction of Iron Oxides

Christine Poggenburg, Robert Mikutta, Axel Schippers, Reiner Dohrmann, Georg Guggenberger

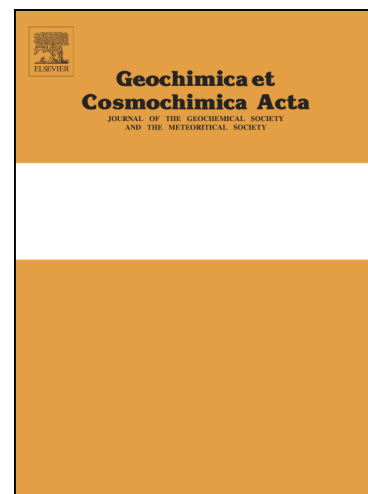
PII: S0016-7037(18)30007-3
DOI: <https://doi.org/10.1016/j.gca.2018.01.004>
Reference: GCA 10606

To appear in: *Geochimica et Cosmochimica Acta*

Received Date: 30 May 2017
Accepted Date: 4 January 2018

Please cite this article as: Poggenburg, C., Mikutta, R., Schippers, A., Dohrmann, R., Guggenberger, G., Impact of Natural Organic Matter Coatings on the Microbial Reduction of Iron Oxides, *Geochimica et Cosmochimica Acta* (2018), doi: <https://doi.org/10.1016/j.gca.2018.01.004>

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.



Impact of Natural Organic Matter Coatings on the Microbial Reduction of Iron Oxides

Christine Poggenburg^{1,2,}, Robert Mikutta³, Axel Schippers⁴,
Reiner Dohrmann^{4,5}, Georg Guggenberger^{1,2}*

¹ Institute of Soil Science, Leibniz University Hannover,
Herrenhäuser Straße 2, 30419 Hannover, Germany

² Centre for Solid State Chemistry and New Materials, Leibniz University Hannover,
Callinstraße 3, 30167 Hannover, Germany

³ Soil Science and Soil Protection, Martin Luther University Halle-Wittenberg,
Von-Seckendorff-Platz 3, 06210 Halle (Saale), Germany

⁴ Bundesanstalt für Geowissenschaften und Rohstoffe (BGR),
Stilleweg 2, 30655 Hannover, Germany

⁵ Landesamt für Bergbau, Energie und Geologie (LBEG),
Stilleweg 2, 30655 Hannover, Germany

*Corresponding author: poggenburg@ifbk.uni-hannover.de, +49 5117622625

Download English Version:

<https://daneshyari.com/en/article/8910875>

Download Persian Version:

<https://daneshyari.com/article/8910875>

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