Accepted Manuscript

Chemical and textural overprinting of ancient stromatolites: timing, processes, and implications for their use as paleoenvironmental proxies

D.A. Petrash, L.J. Robbins, R.S. Shapiro, S.J. Mojzsis, K.O. Konhauser

PII: S0301-9268(16)30023-7

DOI: http://dx.doi.org/10.1016/j.precamres.2016.03.010

Reference: PRECAM 4470

To appear in: Precambrian Research

Received Date: 3 October 2015 Revised Date: 1 March 2016 Accepted Date: 19 March 2016



Please cite this article as: D.A. Petrash, L.J. Robbins, R.S. Shapiro, S.J. Mojzsis, K.O. Konhauser, Chemical and textural overprinting of ancient stromatolites: timing, processes, and implications for their use as paleoenvironmental proxies, *Precambrian Research* (2016), doi: http://dx.doi.org/10.1016/j.precamres.2016.03.010

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.

ACCEPTED MANUSCRIPT

1	Chemical and textural overprinting of ancient stromatolites: timing, processes, and
2	implications for their use as paleoenvironmental proxies
3	
4	
5	Petrash, D.A. ¹ ; Robbins, L.J. ¹ ; Shapiro, R.S. ² ; Mojzsis, S.J. ^{3,4} Konhauser, K.O. ¹
6	
7 8	¹ Department of Earth and Atmospheric Sciences, University of Alberta, Edmonton, AB, Canada
9	² Geological and Environmental Sciences Department, California State University, Chico, CA,
10	USA
11	
12	³ Collaborative for Research in Origins (CRiO), Department of Geological Sciences, University
13	of Colorado, UCB 399, 2200 Colorado Avenue, Boulder, Colorado, 80309-0399 USA
14	
15	⁴ Institute for Geological and Geochemical Research, Research Center for Astronomy and Earth
16	Sciences, Hungarian Academy of Sciences, 45 Budaörsi Street, H-1112 Budapest, Hungary
17	
18	
19	
20	Keywords: Paleoproterozoic, Superior Province, Animikie Basin, Gunflint Formation,
21	stromatolites, Rare Earth Elements and Yttrium (REE+Y), Trace element geochemistry

Download English Version:

https://daneshyari.com/en/article/6442217

Download Persian Version:

https://daneshyari.com/article/6442217

<u>Daneshyari.com</u>