Accepted Manuscript

Effects of Shock and Martian Alteration on Tissint Hydrogen Isotope Ratios and Water Content

L.J. Hallis, G.R. Huss, K. Nagashima, G.J. Taylor, D. Stöffler, C.L. Smith, M.R. Lee

PII: S0016-7037(16)30744-X

DOI: http://dx.doi.org/10.1016/j.gca.2016.12.035

Reference: GCA 10087

To appear in: Geochimica et Cosmochimica Acta

Received Date: 30 November 2015 Accepted Date: 24 December 2016



Please cite this article as: Hallis, L.J., Huss, G.R., Nagashima, K., Taylor, G.J., Stöffler, D., Smith, C.L., Lee, M.R., Effects of Shock and Martian Alteration on Tissint Hydrogen Isotope Ratios and Water Content, *Geochimica et Cosmochimica Acta* (2016), doi: http://dx.doi.org/10.1016/j.gca.2016.12.035

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

Effects of Shock and Martian Alteration on Tissint Hydrogen Isotope Ratios and Water Content

L. J. Hallis^{1,2,5*}, G. R. Huss^{1,2}, K. Nagashima², G. J. Taylor^{1,2}, D. Stöffler³, C. L. Smith⁴, M. R. Lee⁵

*Corresponding author: lydia.hallis@glasgow.ac.uk

¹NASA Astrobiology Institute, Institute for Astronomy, University of Hawai'i, 2680 Woodlawn Drive,
Honolulu, Hawaii 96822-1839, United States.

²Hawai'i Institute of Geophysics and Planetology, Pacific Ocean Science and Technology (POST)

Building, University of Hawai'i, 1680 East-West Road, Honolulu, HI 96822, United States.

³Museum of Natural History, Invalidenstrasse 43 Leibniz-Institut Für Evolutions-Und Biodiversitätsforschung, 10115 Berlin, Germany.

⁴Department of Earth Sciences, The Natural History Museum, Cromwell Road, London, SW7 5BD, UK

⁵School of Geographical and Earth Science, University of Glasgow, Gregory Building, Lillybank Gardens, Glasgow, G12 8QQ, Scotland, United Kingdom.

Manuscript to be re-submitted to:

Geochimica et Cosmochimca Acta

Oct 2016

Total pages including abstract, text, references, table and figure captions: 40

Total words in body text (excluding abstract, references and figure captions): 6615

Total References: 70

Download English Version:

https://daneshyari.com/en/article/5783576

Download Persian Version:

https://daneshyari.com/article/5783576

<u>Daneshyari.com</u>