Accepted Manuscript

First evidence of hydrous silicic fluid films around solid inclusions in gemquality diamonds

Paolo Nimis, Matteo Alvaro, Fabrizio Nestola, Ross J. Angel, Katharina Marquardt, Greta Rustioni, Jeff W. Harris, Federica Marone

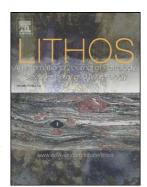
PII: S0024-4937(16)30104-9

DOI: doi: 10.1016/j.lithos.2016.05.019

Reference: LITHOS 3937

To appear in: LITHOS

Received date: 29 February 2016 Accepted date: 24 May 2016



Please cite this article as: Nimis, Paolo, Alvaro, Matteo, Nestola, Fabrizio, Angel, Ross J., Marquardt, Katharina, Rustioni, Greta, Harris, Jeff W., Marone, Federica, First evidence of hydrous silicic fluid films around solid inclusions in gem-quality diamonds, *LITHOS* (2016), doi: 10.1016/j.lithos.2016.05.019

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

First evidence of hydrous silicic fluid films around solid inclusions in gemquality diamonds

Paolo Nimis^a,*, Matteo Alvaro^{a,b}, Fabrizio Nestola^a, Ross J. Angel^a, Katharina Marquardt^c, Greta Rustioni^b, Jeff W. Harris^d, Federica Marone^e

^a Department of Geosciences, University of Padua, Via G. Gradenigo 6, 35131 Padua, Italy.

^b Department of Earth and Environmental Sciences, University of Pavia, Via A. Ferrata, 1, 27100 Pavia, Italy.

^c Bayerische Geoinstitut, University Bayreuth, 95440 Bayreuth, Germany.

^d School of Geographical and Earth Sciences, University of Glasgow, Glasgow, G12 8QQ, UK.

^e Swiss Light Source, Paul Scherrer Institut, 5232 Villigen, Switzerland.

* Corresponding author.

Authors' e-mail addresses:

paolo.nimis@unipd.it

matteo.alvaro@gmail.com

fabrizio.nestola@unipd.it

rossjohnangel@gmail.com

Katharina.Marquardt@uni-bayreuth.de

greta.rustioni@gmail.com

Download English Version:

https://daneshyari.com/en/article/6440315

Download Persian Version:

https://daneshyari.com/article/6440315

Daneshyari.com