Accepted Manuscript


# Recalibration of the Mars Science Laboratory ChemCam instrument with an expanded geochemical database

Samuel M. Clegg, Roger C. Wiens, Ryan Anderson, Olivier Forni, Jens Frydenvang, Jeremie Lasue, Agnes Cousin, Valérie Payré, Tommy Boucher, M. Darby Dyar, Scott M. McLennan, Richard V. Morris, Trevor G. Graff, Stanley A. Mertzman, Bethany L. Ehlmann, Ines Belgacem, Horton Newsom, Ben C. Clark, Noureddine Melikechi, Alissa Mezzacappa, Rhonda E. McInroy, Ronald Martinez, Patrick Gasda, Olivier Gasnault, Sylvestre Maurice

PII: S0584-8547(16)30391-3
DOI: doi: 10.1016/j.sab.2016.12.003
Reference: SAB 5183

To appear in: *Spectrochimica Acta Part B: Atomic Spectroscopy*

Received date: 10 March 2016
Revised date: 8 December 2016
Accepted date: 11 December 2016

Please cite this article as: Samuel M. Clegg, Roger C. Wiens, Ryan Anderson, Olivier Forni, Jens Frydenvang, Jeremie Lasue, Agnes Cousin, Valérie Payré, Tommy Boucher, M. Darby Dyar, Scott M. McLennan, Richard V. Morris, Trevor G. Graff, Stanley A. Mertzman, Bethany L. Ehlmann, Ines Belgacem, Horton Newsom, Ben C. Clark, Noureddine Melikechi, Alissa Mezzacappa, Rhonda E. McInroy, Ronald Martinez, Patrick Gasda, Olivier Gasnault, Sylvestre Maurice, Recalibration of the Mars Science Laboratory ChemCam instrument with an expanded geochemical database, *Spectrochimica Acta Part B: Atomic Spectroscopy* (2016), doi: 10.1016/j.sab.2016.12.003

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

# Recalibration of the Mars Science Laboratory ChemCam Instrument with an Expanded Geochemical Database

Samuel M. Clegg[a], Roger C. Wiens[a], Ryan Anderson[b], Olivier Forni[c], Jens Frydenvang[a], Jeremie Lasue[c], Agnes Cousin[c], Valérie Payré[d], Tommy Boucher[e], M. Darby Dyar[f], Scott M. McLennan[g], Richard V. Morris[h], Trevor G. Graff[h], Stanley A. Mertzman[i], Bethany L. Ehlmann[j,k], Ines Belgacem[l], Horton Newsom[l], Ben C. Clark[m], Noureddine Melikechi[n], Alissa Mezzacappa[o], Rhonda E. McInroy[a], Ronald Martinez[a], Patrick Gasda[a], Olivier Gasnault[c], and Sylvestre Maurice[c]

a. Los Alamos National Laboratory

b. USGS Flagstaff

c. L'Institut de Recherche en Astrophysique et Planétologie

d. Universite de Lorraine

e. University of Massachusetts

f. Mt. Holyoke College

g. SUNY Stony Brook

h. Johnson Space Center

i. Franklin & Marshall College

j. Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, CA 91125, USA.

k. Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA 91109, USA.

l. University of New Mexico

m. Space Science Institute

n. University of Massachusetts Lowell

o. The College of New Jersey

Download English Version:

https://daneshyari.com/en/article/5140326

Download Persian Version:

https://daneshyari.com/article/5140326

Daneshyari.com