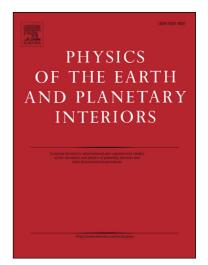
Accepted Manuscript

The Effect of Nickel on the Strength of Iron Nickel Alloys: Implications for the Earth's Inner Core

Mary M. Reagan, Arianna E. Gleason, Jin Liu, Michael J. Krawczynski, James A. Van Orman, Wendy L. Mao

PII:	S0031-9201(17)30238-8
DOI:	https://doi.org/10.1016/j.pepi.2018.08.003
Reference:	PEPI 6179
To appear in:	Physics of the Earth and Planetary Interiors
Received Date:	2 August 2017
Revised Date:	18 July 2018
Accepted Date:	5 August 2018



Please cite this article as: Reagan, M.M., Gleason, A.E., Liu, J., Krawczynski, M.J., Van Orman, J.A., Mao, W.L., The Effect of Nickel on the Strength of Iron Nickel Alloys: Implications for the Earth's Inner Core, *Physics of the Earth and Planetary Interiors* (2018), doi: https://doi.org/10.1016/j.pepi.2018.08.003

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

Title:

The Effect of Nickel on the Strength of Iron Nickel Alloys: Implications for the Earth's Inner Core

Authors:

Mary M. Reagan^{1*}, Arianna E. Gleason², Jin Liu¹, Michael J. Krawczynski³, James A.

Van Orman⁴, Wendy L. Mao^{1,5}

¹Department of Geological Sciences, 450 Serra Mall, Braun Hall, Building 320, Stanford

University, Stanford, CA 94305, USA

²Shock and Detonation Physics, Los Alamos National Laboratory, Los Alamos, NM 87545, USA

³Department of Earth and Planetary Sciences, 1 Brookings Drive, Washington University, St. Louis, MO 63130, USA

⁴Department of Earth, Environmental and Planetary Sciences, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH 44106, USA

⁵Stanford Institute for Materials and Energy Sciences, SLAC National Accelerator Laboratory, Menlo Park, CA 94025, USA

^{*} Corresponding Author: mreagan@stanford.edu

Download English Version:

https://daneshyari.com/en/article/8915652

Download Persian Version:

https://daneshyari.com/article/8915652

Daneshyari.com