

Accepted Manuscript

Crustal Recycling by Subduction Erosion in the central Mexican Volcanic Belt

Susanne M. Straub, Arturo Gómez-Tuena, Ilya N. Bindeman, Louise L. Bolge, Philipp A. Brandl, Ramón Espinasa-Perena, Luigi Solari, Finlay M. Stuart, Paola Vannucchi, Georg F. Zellmer

PII: S0016-7037(15)00384-1
DOI: <http://dx.doi.org/10.1016/j.gca.2015.06.001>
Reference: GCA 9316

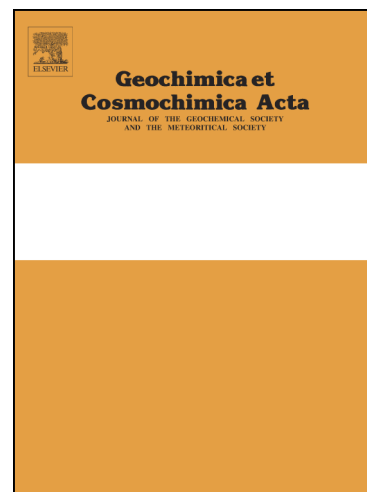
To appear in: *Geochimica et Cosmochimica Acta*

Received Date: 26 October 2014

Accepted Date: 1 June 2015

Please cite this article as: Straub, S.M., Gómez-Tuena, A., Bindeman, I.N., Bolge, L.L., Brandl, P.A., Espinasa-Perena, R., Solari, L., Stuart, F.M., Vannucchi, P., Zellmer, G.F., Crustal Recycling by Subduction Erosion in the central Mexican Volcanic Belt, *Geochimica et Cosmochimica Acta* (2015), doi: <http://dx.doi.org/10.1016/j.gca.2015.06.001>

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.



Crustal Recycling by Subduction Erosion in the central Mexican Volcanic Belt

Susanne M. Straub*^{1,2}, Arturo Gómez-Tuena³, Ilya N. Bindeman⁴, Louise L. Bolge¹, Philipp A. Brandl⁵, Ramón Espinasa-Perena⁶, Luigi Solari³, Finlay M. Stuart⁷, Paola Vannucchi⁸ and Georg F. Zellmer⁹

¹Lamont Doherty Earth Observatory at the Columbia University, 61 Route 9W, Palisades NY 10964, U.S.A.

²Institute of Earth Sciences, Academia Sinica, 128 Academia Road, Sec. 2, Nankang, Taipei 11529, Taiwan, ROC

³Centro de Geociencias, Universidad Nacional Autónoma de México, Querétaro 76230, México

⁴Department of Geological Sciences, University of Oregon, Eugene, Oregon, 97403-1272, U.S.A.

⁵Research School of Earth Sciences, Mills Road, The Australian National University, Canberra ACT 0200, Australia

⁶Centro Nacional de Prevención de Desastres, Secretaría de Gobernación, Av. Delfín Madrigal 665, Col. Pedregal de Santo Domingo C.P.04360, Delegación Coyoacán, México D.F

⁷Isotope Geosciences Unit, Scottish Universities Research and Reactor Centre, East Kilbride G75 0QF, UK

⁸Department of Earth Sciences, Royal Holloway, University of London Egham, Surrey, TW20 0EX, UK

⁹Institute of Agriculture and Environment, Massey University, Palmerston North 4442, New Zealand

*corresponding author:

e-mail: smstraub@ldeo.columbia.edu

Phone: +845 365 8464

Fax: +845 365 8155

Abstract: 333 words; Text: 10,048 words, 4 Tables, 16 Figures, and Electronic Appendix

revised manuscript, submitted May 2015

Download English Version:

<https://daneshyari.com/en/article/6437800>

Download Persian Version:

<https://daneshyari.com/article/6437800>

[Daneshyari.com](https://daneshyari.com)