### Accepted Manuscript

Origins of two types of serpentinites from the Qinling orogenic belt, central China and associated fluid/melt-rock interactions

Kai Wu, Xing Ding, Ming-Xing Ling, Wei-dong Sun, Li-Peng Zhang, Yong-Bin Hu, Rui-Fang Huang

PII: S0024-4937(17)30454-1

DOI: https://doi.org/10.1016/j.lithos.2017.12.019

Reference: LITHOS 4518

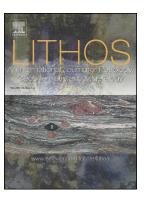
To appear in:

Received date: 4 July 2017

Accepted date: 21 December 2017

Please cite this article as: Kai Wu, Xing Ding, Ming-Xing Ling, Wei-dong Sun, Li-Peng Zhang, Yong-Bin Hu, Rui-Fang Huang, Origins of two types of serpentinites from the Qinling orogenic belt, central China and associated fluid/melt-rock interactions. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Lithos(2017), https://doi.org/10.1016/j.lithos.2017.12.019

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**

# Origins of two types of serpentinites from the Qinling orogenic belt, central China and associated fluid/melt-rock interactions

Kai Wu<sup>a,b</sup>, Xing Ding<sup>c,d\*</sup>, Ming-Xing Ling<sup>c,d\*</sup>, Wei-dong Sun<sup>d,e,f</sup>, Li-Peng Zhang<sup>a,b</sup>,
Yong-Bin Hu<sup>a</sup>, Rui-Fang Huang<sup>a</sup>

<sup>a</sup> CAS Key Laboratory of Mineralogy and Metallogeny, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, 510640 Guangzhou, China

<sup>b</sup> University of Chinese Academy of Sciences, Beijing 100049, China

<sup>c</sup> State Key Laboratory of Isotope Geochemistry, Guangzhou Institute of

Geochemistry, Chinese Academy of Sciences, Guangzhou 510640, China

<sup>d</sup> CAS Center for Excellence in Tibetan Plateau Earth Sciences, Chinese Academy of Sciences, Beijing 100101, China

<sup>e</sup> Center of Deep Sea Research, Institute of Oceanography, Chinese Academy of Sciences, Qingdao 266071, China

<sup>f</sup> Laboratory for Marine Mineral Resources, Qingdao National Laboratory for Marine Science and Technology, Qingdao 266237, China

\*Correspondence: xding@gig.ac.cn (X.D.); mxling@gig.ac.cn (M.X.L.).

**Abstract:** Serpentinites are important volatile and fluid mobile element repositories in oceanic lithosphere and subduction zones, and thus provide significant constraints on

#### Download English Version:

## https://daneshyari.com/en/article/8911686

Download Persian Version:

https://daneshyari.com/article/8911686

Daneshyari.com