

## Accepted Manuscript

Neoproterozoic magmatic Ni–Cu–(PGE) sulfide deposits related to the assembly and breakup of the Rodinia supercontinent in China: an overview

Lin-su Lü, Hong-bo Li, Xiao-nan Yang, Jun Liu, Bing Mao, Bao-long Li

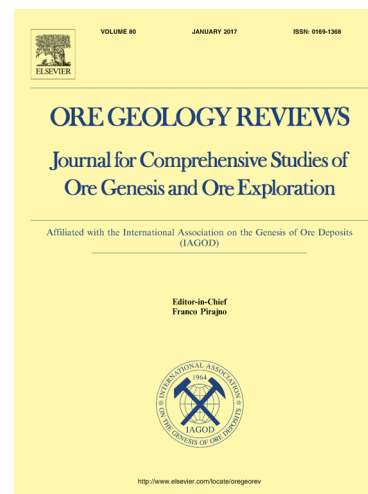
PII: S0169-1368(17)30549-8  
DOI: <https://doi.org/10.1016/j.oregeorev.2018.06.015>  
Reference: OREGEO 2609

To appear in: *Ore Geology Reviews*

Received Date: 17 July 2017  
Revised Date: 27 May 2018  
Accepted Date: 20 June 2018

Please cite this article as: L-s. Lü, H-b. Li, X-n. Yang, J. Liu, B. Mao, B-l. Li, Neoproterozoic magmatic Ni–Cu–(PGE) sulfide deposits related to the assembly and breakup of the Rodinia supercontinent in China: an overview, *Ore Geology Reviews* (2018), doi: <https://doi.org/10.1016/j.oregeorev.2018.06.015>

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.



# Neoproterozoic magmatic Ni–Cu–(PGE) sulfide deposits related to the assembly and breakup of the Rodinia supercontinent in China: an overview

Lin-su Lü <sup>a,\*</sup>, Hong-bo Li <sup>a</sup>, Xiao-nan Yang <sup>a</sup>, Jun Liu <sup>b</sup>, Bing Mao <sup>a</sup>, Bao-long Li <sup>c</sup>

<sup>a</sup> *Department of Mineralogy & Petrology, The Geological Museum of China, Beijing 100034, China*

<sup>b</sup> *School of Civil Engineering, Anhui Jianzhu University, Hefei 230601, Anhui, China*

<sup>c</sup> *Institute of Mineral Resources, Chinese Academy of Geological Sciences, Beijing 100037, China*

## **ABSTRACT**

The tectonic affinity of Neoproterozoic magmatic Ni–Cu–PGE sulfide deposits and their related mafic–ultramafic intrusions can provide insights into furthering our understanding of the assembly and breakup of the Rodinia supercontinent. A significant number of Chinese Neoproterozoic magmatic Ni–Cu–(PGE) sulfide deposits are located along the margins of three Precambrian continental cratons, namely the North China, Yangtze, and Tarim cratons (NCC, YC, and TC, respectively). These deposits are hosted by six metallogenic belts: (1) the Longshoushan metallogenic belt within the western margin of the NCC, (2) the South Qinling metallogenic belt within the northern margin of the YC, (3) the West Jiangnan metallogenic belt within the southeastern margin of the YC, (4) the Kangdian

Download English Version:

<https://daneshyari.com/en/article/8909485>

Download Persian Version:

<https://daneshyari.com/article/8909485>

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