Accepted Manuscript

The origin of Late Ediacaran post-collisional granites near the Chad Lineament, Saharan Metacraton, South-Central Chad

J. Gregory Shellnutt, Meng-Wan Yeh, Tung-Yi Lee, Yoshiyuki Iizuka, Ngoc Ha T. Pham, Chih-Cheng Yang

PII: S0024-4937(18)30068-9

DOI: doi:10.1016/j.lithos.2018.02.020

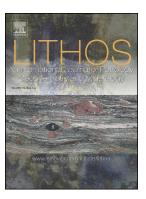
Reference: LITHOS 4579

To appear in:

Received date: 16 August 2017 Accepted date: 18 February 2018

Please cite this article as: J. Gregory Shellnutt, Meng-Wan Yeh, Tung-Yi Lee, Yoshiyuki Iizuka, Ngoc Ha T. Pham, Chih-Cheng Yang, The origin of Late Ediacaran post-collisional granites near the Chad Lineament, Saharan Metacraton, South-Central Chad. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Lithos(2018), doi:10.1016/j.lithos.2018.02.020

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

The origin of Late Ediacaran post-collisional granites near the Chad Lineament, Saharan Metacraton, South-Central Chad

J. Gregory Shellnutt^a*, Meng-Wan Yeh^{a,b}, Tung-Yi Lee^a, Yoshiyuki Iizuka^c, Ngoc Ha T. Pham^a Chih-Cheng Yang^d

^aNational Taiwan Normal University, Department of Earth Science, 88 Tingzhou Road Section 4, Taipei 11677, Taiwan

^bCenter for General Education, National Taiwan Normal University, 162 Heping East Road Section 1, Taipei 106, Taiwan

^cAcademia Sinica, Institute of Earth Science, 128 Academia Road Section 2, Nankang Taipei 11529, Taiwan

^dChinese Petroleum Corporation-Taiwan, Exploration and Development Research Institute, Wen Fa Road, Miaoli 36042, Taiwan

*Corresponding author (e-mail: jgshelln@ntnu.edu.tw); Tel: +886-2-7734-6386; Fax: +886-2-2933-3315

Abstract

The southern Saharan Metacraton is one of the least geologically constrained regions in the world as bedrock exposures are rare. To the west of Lake Fitri near the communities of Ngoura and Moyto in south-central Chad there are two granitic inliers that form a series of lenticular to ellipsoidal low laying hills. Very little is known about the Lake Fitri inliers and their regional

Download English Version:

https://daneshyari.com/en/article/8911724

Download Persian Version:

https://daneshyari.com/article/8911724

<u>Daneshyari.com</u>