

## Accepted Manuscript

Structures, uplift, and magmatism of the Western Myanmar Arc:  
Constraints to mid-Cretaceous-Paleogene tectonic evolution of  
the western Myanmar continental margin

Peng Zhang, Lianfu Mei, Xiaolin Hu, Renyuan Li, Lulu Wu,  
Zhichao Zhou, Huaning Qiu



PII: S1342-937X(16)30246-5  
DOI: doi: [10.1016/j.gr.2017.09.002](https://doi.org/10.1016/j.gr.2017.09.002)  
Reference: GR 1860

To appear in:

Received date: 3 October 2016  
Revised date: 8 August 2017  
Accepted date: 2 September 2017

Please cite this article as: Peng Zhang, Lianfu Mei, Xiaolin Hu, Renyuan Li, Lulu Wu, Zhichao Zhou, Huaning Qiu, Structures, uplift, and magmatism of the Western Myanmar Arc: Constraints to mid-Cretaceous-Paleogene tectonic evolution of the western Myanmar continental margin, (2017), doi: [10.1016/j.gr.2017.09.002](https://doi.org/10.1016/j.gr.2017.09.002)

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.

Structures, uplift, and magmatism of the Western Myanmar Arc: Constraints to mid-Cretaceous-Paleogene tectonic evolution of the western Myanmar continental margin

Peng Zhang<sup>1</sup>, Lianfu Mei<sup>1\*</sup>, Xiaolin Hu<sup>2</sup>, Renyuan Li<sup>2</sup>, Lulu Wu<sup>1</sup>, Zhichao Zhou<sup>1</sup>, Huaning Qiu<sup>1,3</sup>

1. Key Laboratory of Tectonics and Petroleum Resources of Ministry of Education, China University of Geosciences, Wuhan 430074, China

2. Research Institute, China National Offshore Oil Corporation (CNOOC), Beijing 10027, China

3. Key Laboratory of Isotope Geochronology and Geochemistry, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, Guangzhou 510640, China

\*Corresponding author at: Key Laboratory of Tectonics and Petroleum Resources of Ministry of Education, China University of Geosciences, Wuhan, Hubei 430074, China. Tel: +86 27 67848577; fax: +86 27 67848580

E-mail address: lfmei@cug.edu.cn (L. Mei)

## Abstract

A knowledge of Trans-Himalayan tectono-magmatic evolution is critical to understanding the complex pre-collisional history of southern Eurasia active continental margin. It has been proposed that magmatic rocks of the Trans-Himalayan batholith, extending from southern Tibet to Southeast Asia, are now exposed as the Western Myanmar Arc and Central Granite Belt in Myanmar, yet origin, emplacement,

Download English Version:

<https://daneshyari.com/en/article/5785201>

Download Persian Version:

<https://daneshyari.com/article/5785201>

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