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Lu Zeng, Kai-Jun Zhang, Xian-Chun Tang, Yu-Xiu Zhang, Zhi-Wu Li



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Mid-Permian rifting in Central China: Record of geochronology,
geochemistry and Sr–Nd–Hf isotopes of bimodal magmatism on
NE Qinghai–Tibetan Plateau

Lu Zeng^a, Kai-Jun Zhang^{a, b, *}, Xian-Chun Tang^{a, b, c}, Yu-Xiu Zhang^{a, b}, Zhi-Wu Li^d

^a *Asian Tectonics Research Group, College of Earth Science, University of Chinese Academy of Sciences, Beijing 100049, China;*

^b *Key Laboratory of Computational Geodynamics, Chinese Academy of Sciences, Beijing 100049, China;*

^c *SinoProbe Center, Chinese Geological Survey, Beijing 100030, China;*

^d *State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Chengdu University of Technology, Chengdu 610059, China.*

Abstract

Little has been known regarding ~200-Myr-long geologic history of Central China during the Late Paleozoic between two major continental collisional events marked by ~480–440-Ma North Qinling–North Qaidam and ~230-Ma Dabie–Sulu ultrahigh-pressure (UHP) belts, respectively. The Gonghe basin is juxtaposed with major Chinese continental blocks across several outstanding Tethyan sutures in Central China and may hold answers to many critical questions about the tectonic

* Corresponding author. Tel.: +86 10 88256967, fax: +86 10 88256012. *E-mail addresses:* kaijun@ucas.ac.cn; kai-jun@qq.com (K.J. Zhang).

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