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during the breakup of the continental basement. This study provide the evidence that the strong magmatic activity has occurred in the paleoproterozoic in the Shidiquan area and confirmed that the age of the Dakendaban Group may extend down to the late Neoproterozoic.

Keywords: Gabbro Geochemistry Zircon U-Pb dating Shidiquan area

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First author: YANG Zhangzhang, male, born in 1988, assistant engineer, researchfield: regional geological. Email: 124772454@qq.com Corresponding author: LI Silong, male, born in 1987, assistant engineer, major in geology, researchfield: structure. Email: 1173231870@qq.com

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