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评熊耳群和西洋河群形成的构造背景 [点此下载全文](#)

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摘要:

1850—1400Ma的熊耳群及西洋河群火山岩建造形成的构造背景, 是认识华北古板块南缘构造发展的关键。近枢等提出的裂谷观点和胡受奚等提出的山弧观点。本文基于对秦岭山系的长期研究, 对两种观点作了较详细的评述认识, 即熊耳群为山弧火山岩建造, 西洋河群为裂谷火山岩建造。裂谷与山弧同时发育, 裂谷与山弧垂直, 属被动型裂

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THE TECTONIC ENVIRONMENT FOR THE FORMATION OF THE XIONGER GROUP AND THE XIYANGHE GROU

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Abstract:

The tectonic setting of the Xionger Group (1 850--1 400 Ma) and xiyangheGroup (1850--1400 Ma) tectonic evolution of the southernmargin of the North China paleo--plate. The knowledge about the X Group leads to two controversial ideas. One of them is the rift model advanced by Sun et al., and th model presented by Huet al. In this paper, these two models are reviewed in detail based on a long-area. A new model--coexistence of volcanic arc and continentalrift, is proposed to outline the tect Group is recognized as an assemblage of arc volcanics, and the Xiyanghe Group is marked by an assem--The rift is a passive rift which developed contemporaneously with and perpendiculary to the volca

Keywords: [Xionger Group](#) [Xiyanghe Group](#) [volcanic rock assemblage](#) [volcanic arc](#) [rift](#) [passive rift](#)

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