

赣北萍乐拗陷是对冲构造还是巨型构造窗?

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摘要: 对“板溪群”构造属性的认识存在多种观点, 各家观点都有证据支持, 但相互之间又有矛盾。综合分析多家研究成果, 多方面证据显示江西境内的萍乐拗陷很可能是一个巨型构造窗, 沿萍乡至乐平一带出露的晚古生代至早三叠纪地层是原地系统, 附近的“板溪群”是外来系统, 上古生界中的对冲构造可能是另一期的构造。这一带的“板溪群”既包含有前震旦纪变质岩系, 同时更可能包含有中生代的构造混杂岩的成分。

关键词: 板溪群; 萍乐拗陷; 构造窗; 江西

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Is the Pingle depression a ramp faults zone or a huge tectonic window?

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Abstract: There are several views regarding the tectonic significance of the Banxi Group. Each of them is supported by some evidence but conflicts with other geological facts. An integrated analysis of the research results obtained by previous researchers, combined with the authors' reconnaissances in several areas, shows that the Pingle depression in Jiangxi is most likely to be a huge tectonic window rather than a ramp faults zone. The Late Paleozoic-Early Triassic strata exposed in the Pingxiang-Leping area might be an autochthon, while the "Banxi Group" nearby might be an allochthon. The ramp structure in the Upper Paleozoic might be an earlier structure. The "Banxi" Group in the area consists of both pre-Sinian metamorphic series and more possibly Mesozoic tectonic mélangé.

Key words: Banxi Group; Pingle depression; tectonic window