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东秦岭东段新发现的沙坡岭细脉浸染型钼矿地质特征、Re-Os同位素年龄及其地质意义 点此下载全了

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摘要:

豫西洛宁沙坡岭钼矿床位于华北克拉通南缘东秦岭钼矿带东段,是新近发现的赋存于太古宙太华群变质是其地质特征进行了研究,并初步测定了1个辉钼矿样品的Re—0s同位素年龄,获得模式年龄为126.8±1.7Ma,表近金堆城、雷门沟钼矿的形成时代,Re同位素含量显示其地幔来源的特征。沙坡岭钼矿形成机制错综复杂,有程程验证工作,对于验证深部是否隐伏着与成矿相关的斑岩体、储量更大的斑岩型钼矿有着重要作用,找矿潜力目

关键词: Re-0s同位素 钼矿 东秦岭 沙坡岭 燕山期

Geological Features, Re-Os Isotopic Dating and Its Geological Significance of Newly Veinlet-Disseminated Mo Deposit in Eastern Part of the Eastern Qinling Mountains

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Abstract:

The Shapolin Mo deposit in Luoning in western Henan Province, which is located in eastern particle molybdenum ore belt in southern margin of the North China craton, is a veinlet-disseminated type a discovered in the hypometamorphic rocks of Archean Taihua Group. With the research of geological isotopic dating of one sample, the results obtained show that the model age of molybdenite in the 1.7Ma. It shows that the Shapoling molybdenum deposit was formed mainly in the stage of Yanshan, Leimengou Mo deposit. According to the content of Re isotope, the ore forming materials mainly deconsidering the complication of formation mechanism of the Shapoling molybdenum deposit, further a drilling is also necessary so that we can verify the existence of deep-concealed porphyry bodies a orefield of larger reserves and the potential of prospecting and exploration is great.

Keywords: Re-Os isotopic dating Molybdenum East Qinling Shapoling Stage of Yanshan

相关附件: 图1-矿区地质图 图2-平硐矿体图