

## 湖南桂东-汝城地区钨多金属矿床成矿地质条件及找矿前景

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中文摘要:近年来在桂东-汝城地区发现了钨多金属矿床10余个,在矿床类型和矿床规模上均有较大的突破,矿床类型有:矽卡岩型、蚀变花岗岩型、构造蚀变带型、石英脉型、云英岩型、层控型等多种。该区地层出露齐全,岩层厚度巨大,具有钨的矿源层(震旦系、寒武系及泥盆系)。该区经历了多旋回构造变动,构造发育,岩浆岩活动强烈,大面积出露复式花岗岩体,特别是燕山期花岗岩与成矿关系最密切。本文在介绍地质背景的基础上,对区内的钨多金属矿床特征进行了概略的总结,对其成矿地质条件进行了初步分析,认为该区具有较大的找矿前景。

中文关键词:钨多金属矿 成矿地质条件 找矿前景 桂东-汝城地区

## Metallogenic Geological Conditions and Tungsten-Polymetallic Ore Prospecting in Guidong-Rucheng Area, Hunan Province

**Abstract:**In recent years, a number of tungsten polymetallic ore deposits were discovered in Guidong—Rucheng area, resulting in a remarkable breakthrough in the expansion of ore deposit type and ore deposit size. The ore deposits are of skarn type, altered granite type, structural alteration belt type, quartz vein type, greisen type, bedded type etc. In this area, strata are complete, rock layer thickness is huge, and tungsten mineral resource horizons occur in Sinian, Cambrian and Devonian strata. There exist in this area multi-cycle tectonic disturbance, well-developed structures, intense magmatic activities and large areas of complex granite bodies, especially the Yanshanian granites which are closely related to mineralization. Based on a description of the geological background, this paper deals with the characteristics of tungsten polymetallic ore deposits in this area, tentatively analyzes ore-forming geological conditions and, on such a basis, points out that there exist considerable ore-search prospects in this area.


**keywords:**[tungsten polymetallic ore deposit](#) [metallogenic geological condition](#) [ore-search prospects](#) [Guidong -Rucheng area](#)

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