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紫金山地区的斑岩-浅成热液成矿系统 点此下载全文

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摘要：

紫金山地区绢云母-冰长石型浅成热液矿床、酸性硫酸盐型浅成热液矿床和斑岩矿床是以花岗闪长斑岩侵
系统的产物。其中,斑岩矿床与发育于花岗闪长斑岩顶部的高盐度岩浆流体有关;酸性硫酸盐型浅成热液矿床是近
成的含岩浆挥发份的热水中淀积形成的;而绢云母-冰长石型浅成热液矿床则是被侵入体侧向加热、侧向流动的中
于远成热液矿床)。

关键词：绢云母-冰长石型 酸性硫酸盐型 浅成热液矿床 斑岩矿床 紫金山地区 福建

The Porphyry-Epithermal Metal logenic System in the Zijinshan Region, Fujian Provin

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Abstract:

The sericite-adularia type epithermal Ag-Au deposit, acid-sulfate type Cu-Au epithermal dep
deposit constitute an intrusion-centered hydrothermal system in the Zijinshan region. The porphyr
to the magmatic high-salinity and high-temperature fluid developed at the top of granodiorite por
Cu-Au epithermal deposit was formed by precipitation of an acid, low-salinity and low-temperature
was near the magmatic source, formed after reformed porphyry copper and carrying magmatic volatil
type epithermal Ag-Au deposit was a product of a neutral or slightly acid, low-salinity and low-t
fluid, which was laterally heated up by a granodiorite porphyry intrusion and laterally flowing.

Keywords:sericite-adularia type epithermal deposit acid-sulfate type epithermal deposit porphy
deposit Zijinshang Fujian

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