

贵州盘县地区峨眉山玄武岩铜矿的成矿地质条件

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摘要: 以峨眉山玄武岩底部与中二叠统茅口组灰岩接触界面上赋存的黄见坑-哈树富铜矿带为例, 论述了这一新类型玄武岩铜矿的成矿地质条件及峨眉山玄武岩浆喷-溢对Cu (Au、Pb、Zn、Pt、Pd、Sb、F等) 元素的富集和后期热液改造成矿作用, 以扩大找矿思路。

关键词: 峨眉山玄武岩; 铜矿; 凝灰岩类矿源层; 后期热液改造成矿作用; 找铜方向

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Geological conditions of copper deposits associated with the Emeishan basalt in the
Panxian area, Guizhou

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Abstract: Take for example the Huanjiankeng-Hashu rich copper belt occurring on the contact surface between the base of the Emeishan basalt and limestone of the Middle Permian Maokou Formation, the paper discusses the geological conditions of this new type of basalt copper deposit and the effects of the eruption of the Emeishan basaltic magma on the concentration of elemental Cu (Au, Pb, Zn, Pt, Pd, Sb, Fe etc.) and modification of mineralization by late-stage hydrothermal fluids.

Key words: Emeishan basalt; copper deposit; ore source bed of tuffs; modification of mineralization by late-stage hydrothermal fluids; direction in copper exploration