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# Geology and fluid inclusion geochemistry of the Zijinshan High-sulfidation epithermal Cu-Au deposit, Fujian Province, SE China: Implication for deep exploration targeting

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**Abstract** The giant Zijinshan Cu-Au deposit in the Zijinshan orefield, Fujian Province, southeastern China, is the first high-sulfidation epithermal deposit identified in mainland China. The Cu and Au orebodies occur as veins and pods in the NW-trending faults and breccias zones. Intensive and pervasive alteration is characterized by downward and outward zoning from intensively leached silicic alteration (or vuggy quartz, Q), through

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