# 河南马超营-独树一带银铅锌成矿地质条件及找矿前景

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提要：马超营-独树一带位于华北陆块南缘，为一元古宙-古生代裂陷槽。官道口群、栾川群和陶湾群为滨海、浅海、陆棚相陆缘碎屑一碳酸盐岩沉积建造，强烈的浅源火山喷（气）发活动，形成多层硅质条带（团块）、硅质岩以及含Ag、Pb、Zn矿化的层状夕卡岩带。该带是比较典型的地球化学急变带与地球物理梯度带交叉区，壳、幔富含Mo、Pb、Zn、Au

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关　键　词：银铅锌金矿；形成条件；找矿前景；马超营-独树；河南省

## Ore-forming geological conditions and ore prospects of silver-lead-zinc-gold deposits in the Maochaoying-Dushu area, Henan

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Abstract: The Maochaoying-Dushu area on the southern margin of the North China block is a Proterozoic-Paleozoic aulacogen, where there occur littoral, neritic and shelf continental-margin clastic-carbonate formations of the Guandaokou Group, Luanchuan Group and Taowan Group. Strong shallow-source volcanic eruption (exhalation) gave rise to multi-layer chert bands (nodules), siliceous rocks and silver-lead-zinc mineralization-bearing layered skarn in the area. This area is a relatively typical district where a geochemical abrupt change zone and a geophysical gradient zone intersect. The earth's mantle and crust beneath the area are enriched in Mo, Pb, Zn and Au. From the ore-forming geological conditions of silver-lead-zinc-gold deposits, it is inferred that the area has good ore prospects.

Key words: silver-lead-zinc-gold deposit: ore-forming conditions; ore prospects; Maochaoying-Dushu: Henan Province