

Stratabound Gold Deposit in Cambrian Strata in Western Shandong Province, China

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A new type of gold deposit—stratabound gold deposit, which is of broad ore-search prospects, is discovered in Cambrian strata in Tongshi, Pingyi County, western Shandong Province. The deposit is located on the western and southern edges of Mesozoic medium-meta-alkaline Tongshi Complex, while the ore body occurs in the thick-bedded dolostone of lower Cambrian. Its ore-bearing bed, with flat occurrence is stable and widely distributed. Gold-bearing grade is generally $3\text{--}13 \times 10^{-6}$, with the highest of 76×10^{-6} . Lime-dolostone is the ore-bearing rock with contemporaneous rubble structure. This paper discusses the features and genesis of the new type gold deposit.

Key words: stratabound gold deposit features genesis Shandong, China