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试论层状铜矿的三种主要成因模式 [点此下载全文](#)

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摘要:

层状铜矿是铜矿资源中仅次于斑岩铜矿的重要矿床类型, 包含多种成因机制, 历来有同生与后生之争。本文式, 即“沉积-成岩”、“沉积-喷气”和“沉积-改造”模式, 讨论了它们的不同特征和机制, 以及三者之间的“造”模式进行了重点讨论, 并强调了这一成矿作用的意义。

关键词: [层状铜矿](#) [沉积成岩](#) [沉积改造](#) [成因模式](#) [铜矿](#)

ON THE THREE MAJOR GENETIC MODELS OF STRATIFORM COPPER DEPOSITS [Download Fulltext](#)

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Abstract:

Stratiform copper deposits, as the world's most important copper source next to porphyry copper deposits, and whether their origin is syngenetic or epi-genetic has been disputed for a long time. Three genetic models of stratiform copper deposits, i. e. the "sedimentation-diagenesis", "sedimentation-reworking", are proposed for the first time based on the author's own work as well as a compilation of data from extensive literature all over the world. Different characteristics and mechanisms and their mutual relations are discussed; thus the essential relation between syngenetic and epigenetic deposits and gives detailed description and discussion on it in order to emphasize the importance of the "sedimentation-reworking" model.

Keywords: [stratiform copper deposits](#) [sedimentation-diagenesis](#) [sedimentary-exhalation](#) [sedimentation-reworking model](#)

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