

李建中, 高兆奎. 西秦岭中泥盆世沉积环境及其与铅—锌矿的关系[J]. 地质论评, 1993, 39(2): 156-164

西秦岭中泥盆世沉积环境及其与铅—锌矿的关系 [点此下载全文](#)

[李建中](#) [高兆奎](#)

甘肃有色金属地质研究所 兰州

基金项目:

DOI:

摘要:

西秦岭中泥盆世沉积环境可分为深海—次深海盆地相区、碳酸盐台地及浅海陆棚相区和浅海盆地相区三大部分, 其中又可划出若干相、亚相及微相。对于铅—锌矿产至关重要是断陷滞流盆地相及碳酸盐台地相。矿床的形成与沉积环境关系密切: 热水沉积型铅—锌矿床生成于断陷滞流盆地环境中, 受生长断裂、热水沉积作用及断陷滞流盆地的联合控制; 热水沉积改造型铅—锌矿床生成于碳酸盐台地边缘生物礁亚相中, 受碳酸盐台地、生物礁及热水沉积改造作用的控制。

关键词: [中泥盆世](#) [沉积环境](#) [铅锌矿床](#)

THE MIDDLE DEVONIAN SEDIMENTARY ENVIRONMENT OF THE WEST QINLING MOUNTAINS AND ITS RELATIONSHIP WITH LEAD AND ZINC DEPOSITS [Download Fulltext](#)

[Li Jianzhong](#) [Gao Zhaokui](#) [Gansu Non-Ferrous Geological Institute](#) [Lanzhou](#) [Gansu](#)

Fund Project:

Abstract:

The Middle Devonian sedimentary environment of the West Qinling Mountains can be divided into the abyssal-bathyal basin facies district, carbonate platform facies district and shallow-sea shelf facies district. These facies districts can be further divided into some facies, sub-facies and micro-facies. The down-faulted stagnant basin facies and carbonate platform facies have close relationship with lead and zinc deposits. The formation of lead and zinc ore deposits is closely related to the sedimentary environment: thermal water sedimentary lead and zinc deposits were formed in the down-faulted stagnant basin environment and controlled by growth faults, thermal water sedimentation and faulted stagnant basin; reformed thermal water sedimentary lead and zinc deposits were formed in reef sub-faces on margins of the carbonate platform and controlled by the carbonate platform, organic reefs and thermal water sedimentation-reformation.

Keywords: [the West Qinling Mountains](#) [Middle Devonian](#) [sedimentary environment](#) [Pb--Zn deposit](#)

[查看全文](#) [查看/发表评论](#) [下载PDF阅读器](#)

您是第690291位访问者 版权所有《地质论评》

地址: 北京阜成门外百万庄路26号 邮编: 100037 电话: 010-68999804 传真: 010-68995305

本系统由北京勤云科技发展有限公司设计