

# CONTENTS

## Feature of This Issue

A new model of Late Paleozoic tectonic evolution in the Alxa Block: Records from magmatic and sedimentary rocks ...  
..... QIU Ruizhao, LI Tingdong, XIAO Qinghui (1)

## General Geology

Analysis of mineral composition characteristics of the Upper Triassic in eastern part of the North Qiangtang Basin and its geological significance .....  
..... LIU Zhongrong, ZHANG Qiyang, LIU Xiao, HE Zhiyong, FAN Zhiwei, WU Hao, GE Tianzhu (13)

## Economic Geology

Age and petrogenesis of the mafic dykes and their relationships with gold mineralization in the Chang'an gold deposit in southern Ailaoshan orogenic belt: Implications for exploration .....  
..... ZHANG Xingpei, DONG Yuntao, ZHAO Chengfeng, ZHOU Yunman,  
WANG Yanning, ZHANG Shengze, ZHANG Fahong (24)

Pore characteristic and its controlling factors of the shales in Permian Longtan Formation in Xuancheng area, Anhui Province, China .....  
..... ZHANG Xu, WU Linqiang, HONG Dajun, SUN Yankun, YANG Zhicheng,  
CHEN Kefu, XIAO Wanfeng, LIU Hong, HUANG Suhe, ZHANG Kai (41)

Analysis on main controlling factors of reservoir physical properties of He 8 member in East area of Sulige gas field ...  
..... JIN Xiaojie, MAO Zhaorui, CHENG Yu, CHEN Zhonghong (53)

## Overseas Exploration

Geological characteristics and prospecting prospect analysis of VMS-type deposits in Gogne mining area, Eritrea .....  
..... CAO Qiang, WANG Chensheng, ZHANG Zicheng, QIN Xiufeng (60)

Geological characteristics and prospecting signs of greenstone belt type gold deposit of PL10451 area mining in Tanzania .....  
..... GENG Tongsheng, LU Xiaoli, LUO Qingwei, QUAN Cheng, QIN Deyu, YUAN Yaowei (73)

## Exploration Technology

Re-discussion on the innovation and application effect of three core theories of blind ore prospecting by structural superimposed halo .....  
..... WEI Jiang, LI Hui, YU Bin, REN Liangliang, WANG Xu, WEI Zixin, LI Yongcai,  
WANG Xijun, SI Shuyun, YANG Yajuan, LUO Xuefei, YAO Yuewen, XU Liyun (82)

- Study on tectonic superimposed halo of the Jinqingding deposit in Mouru metallogenic belt, Jiaodong .....  
..... ZHANG Yu, WANG Yongjun, HUANG Xin, XU Chang, LU Changyong, KONG Fanshun, WU Xingyu (92)
- Optimization of buried hill type dry hot rock targets in Jiyang Depression based on comprehensive geophysical exploration .....  
..... YANG Yonghong, SONG Tao, LIU Hehua, SHI Meng, ZHAO Song, WU Jianfeng (107)

## Technical Method

- Research and application of portable XRF in rapid identification of rhenium-bearing ore bodies in Sichuan Basin .....  
..... FAN Junbo, HAO Xuefeng, YANG Rong, LIANG Bin, PENG Yu, PAN Meng, TANG Yi (117)

## Standard and Review

- Discussion on the problem of the inferred resources of the orebody's extrapolation .....  
..... LI Haiguang, NI Qian, ZHANG Cai, LI Chao, WANG Junfeng (127)
- The current situation of development and utilization of natural mineral water resources for drinking in China and study of the “Three Rates” standard .....  
..... DUAN Changsheng (133)

## Hydrogeology, Engineering and Environmental Geology

- Study on ecological restoration technology of stope boundary interface in the Zijinshan high-sulfur (HS) epithermal Cu-Au deposit, Fujian Province .....  
..... ZHU Qihua, XIE Guifang, LAN Xiaocong, LAN Xuanqing, XU Huibiao,  
..... YANG Hongxiang, LAI Longhui, WEI Xiaofeng, CAO Wenjia (141)
- Evaluation of geological disaster susceptibility based on IOE-IV coupling model: A case of Chenggu County, Shaanxi Province .....  
..... LIU Runsheng, GUO Youjin (150)

## New Letters

- A major breakthrough in prospecting of carbonate-hosted clay-type lithium deposit in Anning Area, Yunnan Province .....  
..... CHENG Yunmao, ZHAI Xin, LI Weiqing, YANG Xu, ZHAO Yanlin, CUI Yinliang, ZHAI Junwei, ZHENG Xiaojun (161)