



地质与勘探

4

郭沫若题

2017

GEOLOGY AND EXPLORATION

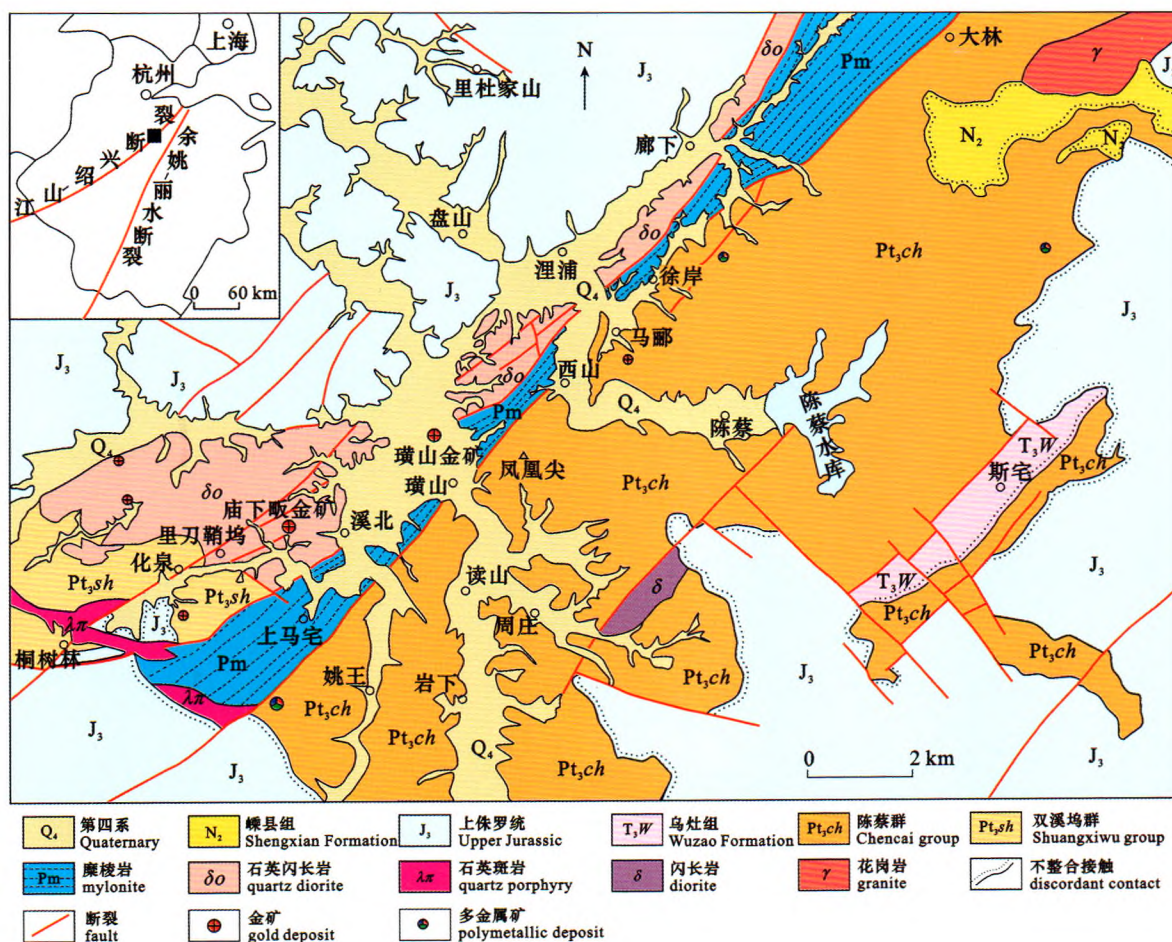
第53卷 总第472期

Since 1957

Vol.53 No.4 Sum472



QK1719848



■ 浙江诸暨璜山金矿构造特征及深部找矿预测

Structural Characteristics and Prediction for Deep Gold Ore Prospecting in the Huangshan Gold Deposit, Zhuji, Zhejiang Province

■ 鄂尔多斯盆地纳岭沟地区铀矿物赋存形式研究及其地质意义

Occurrence Forms of the Uranium Minerals in the Nalinggou Area of the Ordos Basin and Geological Implications

中国冶金地质总局矿产资源研究院
中国地质学会

主办

GEOLOGY AND EXPLORATION

Vol. 53, No. 4 July, 2017

Contents

METAL ORE DEPOSITS

- Structural Characteristics and Prediction for Deep Gold Ore Prospecting in the Huangshan Gold Deposit, Zhuji, Zhejiang Province Xie Guo-ai, Zhu Yu-huo, Zhang Jin, Zhang Qing-long(615)
- Structural Characteristics of Shangjiao Section and Direction of Deep Prospecting in the Huangsha Uranium Mining Area, Southern Jiangxi Province
..... Dang Fei-peng, Chen Li-ming, Li Zhi-peng, Xu Pu-lin, Cai Chang-hua, Fan Zhe-qiang(624)
- Occurrence Forms of the Uranium Minerals in the Nalinggou Area of the Ordos Basin and Geological Implications
..... Chen Lu-lu, Feng Xiao-xi, Sima Xian-zhang, Li Jian-guo, Guo Hu, Chen Yin, Zhao Hua-lei, Tang Chao, Wang Gui, Liu Zhong-ren, Li Shu-guang(632)
- Zircon U – Pb Dating and Geological Significance for Neoproterozoic Metabasite of the Shigu Group in Northwestern Yunnan Province Luo Gai, Zhang Tong, Xiong Chang-li, Jia Xiao-chuan, Yang Xue-jun, Huang Yong-gao, Huang Bai-xin, Ye Chun-lin(643)
- Controlling Factors and Mineralization Enrichment of the Jiangligou Tungsten Polymetallic Deposit in Qinghai Province Dong Xiang-ping, Chen Hai-fu, Wen Xue-feng, Shi Gen-hong, Guan Bo(657)
- Metallogenic Geological Characteristics of the Laiyuan Complex Rock Mass and Prospecting Direction
..... Wang Chun-tian, Zhang Li, Zhao Hai-long, Wang Li-li, Yang Xin, Ma Cheng(667)
- Diagenetic Age of the Granite Porphyry in Northern Aikengdesite South of East Kunlun and Geological Implications Zhang Xue-ting, Yao Yuan, Zheng Jie, Zhan Shou-zhi, Chen Xi-feng(680)

GEOCHEMISTRY

- Influence of the Processing Method in Soil Survey on Determination of Gold Anomalies and Application: An Example of the Mianhuapo Mining Area in Northeast Hunan
..... Xu Hao, Chen Sheng-chang, Wen Ting, Liu Shou-lin, Wei Xiang-ning(686)
- Mechanism of Geoelectrochemistry Anomalies and Application to Prospecting of Buried Cu – Ni Deposits
..... Liu Ying-dong, Zhang Bi-min, Luo Xian-rong(694)
- Geochemical Characteristics and Sources of Ore – Forming Materials of the Yanlong Bauxite Deposit in Henan Province
..... Li Jian-quan, Feng Shuai, An Chao, Xi Shan-feng, Feng Fei-fan, Zhao Qin, Wang Zhong-yu(704)

Application of Geochemical Soil Survey in the Gongpoquan Gold Deposit at Mazongshan, Gansu Province

..... Yang Yong-chun, Li Yuan-jia, He Jian-ping, Zhang Jian-hua, Zhou Chi-xiang, Lü Jian-liang(715)

Geochemical Evaluation Indicators of Metallogenic Elements of the Sukulu Carbonatite Weathering Crust, Uganda

..... Guo Xiang, Zhu Zhao-yong, Zhang Zhan-lin, Li Wen-hui, Li Zong-yong(731)

The Techniques and Application Achievements in 1:50000 Stream Sediment Survey of the Qimantage Area, Qinghai

Province Zhao Juan, Wang Tai-shan, Li De-biao, Ma Zheng-ting, Wei Li-qiong(739)

GEOFYSICS

Prospecting Potential at Depth of the Taohua Gold Deposit in Guangxi: An Analysis Based on CSAMT Survey

..... Zhou Pu-hong, Zhou Hui, Hu Hua-qing, Li Jian-liang(746)

Application of Integrated Geophysical Methods to Exploration in the Wutongjing Iron – Copper Polymetallic Deposit

of Gansu Province Li Rong-liang, Tian Jian-rong, Liu Yang, Ren Jie, Bai Shun-bao, Liu Xiao-feng(755)

Suppression of Seismic Random Noise Based on the Improved Wavelet Threshold Method Using Chaotic Fruit Fly

Optimization ... Liu Jun, Zheng Cheng-long, Wu Xin-hua, Guan Xian, Yang Zhi-chao, Yang Feng(765)

HYDROLOGY, ENGINEERING AND ENVIRONMENT

Experimental Study on the Ultra – High Temperature Polysulfonated Drilling Fluid System Suitable for Deep Coring

Drilling Huang Yu-ming, Zhang Jin-chang, Zheng Wen-long(773)

An Experimental Study on Thermal Physical Properties of Sandstone Under High – Temperature Heating

..... Lü Chao, Sun Qiang, Deng Shu, Zhang Wei-qiang, Geng Ji-shi(780)

Research of Processing Technology for Transforming Abandoned Wells into Geothermal Wells

..... Wang Pei-yi, Ma Peng-peng, Liu Jin-xia, Shang Lei, Zhou Zong-ying, Zhao Wei(788)

Application of Drilling Technology in the Bishop Manganese Ore Mining Area, South Africa Chang Hong-lun,

Hong Guang, Chen Xiao-hong, Jia San-shi, Ma Kai-bo, Li Jian-feng, Wen Peng(794)

Analysis on Influential Factors of Supercritical Carbon Dioxide Flooding in Heavy – Oil Reservoirs

..... Zhang Li-ya, Song Zhao-jie, Ma Ping-hua, Jiang Shuai(801)

PETROLEUM RESOURCES

Quantitative Calculation of Porosity Evolution and Formation Mechanism of Tight Sandstone in the Chang 6₃ Reser-

voirs of the Huaqing Area, Ordos Basin Zhang Xi, Sun Wei, Ren Da-zhong(807)

A New Method for Choice of Water – Control Fracturing Segments in Horizontal Wells Based on the BP Neural Net-

work System Yang Zhi-hao, Li Zhi-ping(818)

地质与勘探

2017 年 07 月 第 53 卷 第 4 期

目 录

金属矿产

- 浙江诸暨横山金矿构造特征及深部找矿预测 解国爱,朱愉火,张 进,张庆龙(615)
- 赣南黄沙铀矿区上窖地段构造特征及深部找矿方向 党飞鹏,陈黎明,李志鹏,许谱林,蔡昌华,樊哲强(624)
- 鄂尔多斯盆地纳岭沟地区铀矿物赋存形式研究及其地质意义
..... 陈路路,冯晓曦,司马献章,李建国,郭 虎,陈 印,赵华雷,汤 超,王 贵,刘忠仁,李曙光(632)
- 滇西北石鼓岩群新元古代变质基性岩锆石 U - Pb 定年及地质意义
..... 罗 改,张 彤,熊昌利,贾小川,杨学俊,黄永高,黄柏鑫,叶春林(643)
- 青海江里沟钨多金属矿成矿控制因素及矿化富集规律 董想平,陈海福,文雪峰,施根红,管 波(657)
- 涇源杂岩体的成矿地质特征及找矿方向 王春天,张 丽,赵海龙,王丽丽,杨 鑫,马 程(667)
- 东昆仑南坡埃北花岗岩斑岩的成岩年龄及其地质意义 张雪亭,姚 远,郑 杰,湛守智,陈喜峰(680)

地球化学

- 土壤测量样品处理方法对金异常圈定的影响与应用——以湘东北棉花坡矿区为例
..... 徐 昊,陈盛昌,文 亭,刘守林,魏湘宁(686)
- 地电化学在隐伏铜镍矿勘查中的应用及异常形成机理探讨 刘映东,张必敏,罗先熔(694)
- 河南省偃龙铝土矿床地球化学特征及成矿物质来源分析 李建全,冯 帅,安 超,席善峰,冯非凡,赵 钦,王中宇(704)
- 土壤地球化学测量在马鞍山公婆泉东金矿的应用 杨永春,李元家,何建平,张建华,周驰翔,吕建良(715)
- 乌干达苏库卢碳酸岩风化壳成矿元素地球化学评价指标 郭 祥,朱赵勇,张占林,李文辉,李宗勇(731)
- 青海祁漫塔格地区 1:5 万水系沉积物测量方法技术及应用成果 赵 娟,王泰山,李德彪,马正婷,魏丽琼(739)

地球物理

- 广西桃花金矿床深部找矿前景分析——基于 CSAMT 测量 周普红,周 辉,胡华清,李建良(746)
- 综合物探方法在甘肃梧桐井铁铜多金属矿勘查中的应用 李荣亮,田建荣,刘 洋,任 杰,白顺宝,刘晓峰(755)
- 基于改进混沌果蝇优化小波阈值法地震信号随机噪声压制 刘 军,郑成龙,吴新华,管 弦,杨志超,杨 凤(765)

水文·工程·环境

- 适于深部取心钻探井超高温聚磺钻井液体系研究 黄丰铭,张金昌,郑文龙(773)
- 砂岩热物理性质的温度作用效应试验研究 吕 超,孙 强,邓 舒,张卫强,耿济世(780)
- 废弃井改造为地热井工艺技术研究 王培义,马鹏鹏,刘金侠,尚 磊,周总瑛,赵 伟(788)
- 南非 Bishop 锰矿区钻探方法的应用探讨 常洪伦,洪 光,陈晓红,贾三石,马凯波,李建峰,文 鹏(794)
- 稠油油藏注超临界二氧化碳驱油影响因素分析 张丽雅,宋兆杰,马平华,姜 帅(801)

油气资源

- 鄂尔多斯盆地华庆地区长 6₃ 储层成藏期孔隙度定量演化及致密成因机理 张 茜,孙 卫,任大忠(807)
- 基于 BP 神经网络的底水油藏控水压裂选段新方法 杨志浩,李治平(818)

《地质与勘探》第五届编委会

The Fifth Editorial Committee of GEOLOGY AND EXPLORATION

特邀编委 (按字母表顺序) Members of Specially Invited Editorial Committee (in alphabetical order):

陈毓川 CHEN Yuchuan	何继善 HE Jishan	刘光鼎 LIU Guangding	刘广志 LIU Guangzhi
莫宣学 MO Xuanxue	孙 枢 SUN Shu	王德滋 WANG Dezi	阎凤增 YAN Fengzeng
叶天竺 YE Tianzhu	殷鸿福 YIN Hongfu	翟裕生 ZHAI Yusheng	张洪涛 ZHANG Hongtao
赵鹏大 ZHAO Pengda			

主 任 Director of Editorial Committee:

闫学义 YAN Xueyi

副主任 Deputy Directors of Editorial Committee:

朱立新 ZHU Lixin	郝梓国 HAO Zigu	琚宜太 JU Yitai	骆华宝 LUO Huabao
---------------	--------------	--------------	----------------

编 委 (按字母表顺序) Members of Editorial Committee (in alphabetical order):

A.M.Nikishen (Russia)	白万成 BAI Wancheng	CHANG Zhaoshan (Australia)	陈 汉 CHEN Han
陈建文 CHEN Jianwen	陈仁义 CHEN Renyi	邓 军 DENG Jun	高 山 GAO Shan
高献计 GAO Xianji	巩恩普 GONG Enpu	郝梓国 HAO Zigu	侯增谦 HOU Zengqian
胡瑞忠 HU Ruizhong	华宣奎 HUA Xuankui	琚宜太 JU Yitai	李 波 LI Bo
李广雪 LI Guangxue	李建伦 LI Jianlun	李继亮 LI Jiliang	刘建明 LIU Jianming
骆华宝 LUO Huabao	马延明 MA Yanming	毛景文 MAO Jingwen	NIU Yaoling (UK)
欧阳志鸿 OUYANG Zhihong	彭齐鸣 PENG Qiming	秦克章 QIN Kezhang	邱小平 QIU Xiaoping
孙 峰 SUN Feng	孙丰月 SUN Fengyue	VI.Starostin (Russia)	V.V.Avtonin (Russia)
王安建 WANG Anjian	王京彬 WANG Jingbin	王炯辉 WANG Jionghui	王 驹 WANG Ju
王汝成 WANG Rucheng	王瑞江 WANG Ruijiang	王小烈 WANG Xiaolie	王训练 WANG Xunlian
王 研 WANG Yan	韦星林 WEI Xinglin	吴淦国 WU Ganguo	武 胜 WU Sheng
谢连平 XIE Lianping	徐水师 XU Shuishi	徐占海 XU Zhanhai	薛迎喜 XUE Yingxi
闫学义 YAN Xueyi	杨茂华 YANG Maohua	杨志刚 YANG Zhigang	伊丕厚 YI Pihou
袁从建 YUAN Congjian	曾普胜 ZENG Pusheng	张成江 ZHANG Chengjiang	张金带 ZHANG Jindai
张立飞 ZHANG Lifei	ZHOU Meifu (Hong Kong)	朱谷昌 ZHU Guchang	朱立新 ZHU Lixin

主 管 中国钢铁工业协会

主 办 中国冶金地质总局矿产资源研究院
中国地质学会

编辑出版 《地质与勘探》编辑部

办公地址 北京市顺义区机场东路2号国家地理
信息科技产业园2A组团3号楼 101300

通讯地址 北京市朝阳区首都机场航食路2号
100621-2 邮箱 100621

电 话 010-53296110 53296111

传 真 010-53296000

电子信箱 dzykt@vip.sina.com

网 址 www.dzykt.com

主 编 卢 进

执行主编 孙 赫

副 主 编 王 梅

编 辑 郝情情 陈伟军 衣骏杰 吴 磊

英文审译 高祥林

印 刷 北京印匠彩色印刷有限公司

国内发行 北京市报刊发行局

国外发行 中国出版对外贸易公司 (北京782信箱)

订 阅 全国各地邮局 (邮发代号: 82-504)

发行范围 国内外公开发行业

Managed by

Sponsored by

Edited and Published by

Postal Address

Tel

Fax

Email

Http

Editor in Chief

Executive Editor in Chief

Associate Editor in Chief

Editors

English Consultant

Printed by

Distributed by

Distributed Abroad by

Subscription Handled by

China Iron and Steel Association

Institute of Mineral Resources Research, CMGB

Geological Society of China

GEOLOGY AND EXPLORATION Editorial Board

Building 3, Group 2A, National Geomatics Industrial Park,

No. 2 Airport East Road, Shunyi District, Beijing

Mailbox 100621-2, No. 2 Hangshi Road, Capital Airport,

Chaoyang District, Beijing 100621

010-53296110 53296111

010-53296000

dzykt@vip.sina.com

www.dzykt.com

Lu Jin

Sun He

Wang Mei

Hao Qingqing Chen Weijun Yi Junjie Wu Lei

Gao Xianglin

Beijing Yinjiang Color Printing Co., Ltd

Beijing Bureau for Distribution of Newspapers and Journals

China National Publishing Industry Trading Corporation

(P.O.Box 782, Beijing, China)

Local Post offices in China (82-504)

ISSN 0495-5331



9 770495 533000

定价: 45.00元

国内刊号: CN 11-2043/P 国际刊号: ISSN 0495-5331

万方数据