



地质与勘探

5

郑洪岩题

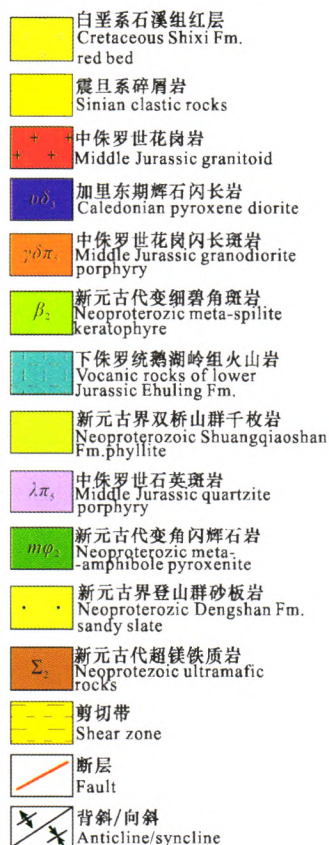
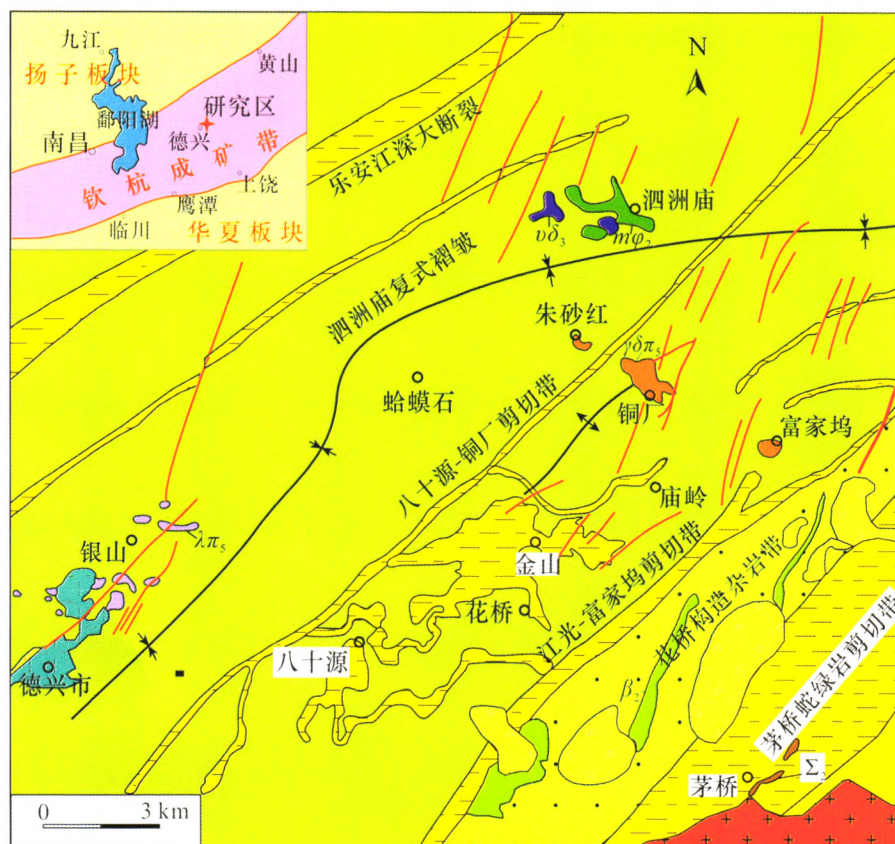
GEOLOGY AND EXPLORATION

2014

第50卷 总第454期

Since 1957

Vol.50 No.5 Sum454



- 江西德兴金山金矿晋宁期花岗质超糜棱岩的发现及意义
Discovery of the Jinningian Granitic Ultramylonite in the Jinshan Gold Deposit of the Dexing Area, Jiangxi Province and its Significance
- 延边刺猬沟金矿1号矿脉地质与元素地球化学特征及其找矿意义
Geological and Elemental Geochemical Characteristics of the Ore Vein No.1 in the Ciweigou Gold Deposit, Yanbian area and their Exploration Significance
- 冀东迁滦地区沉积变质型铁矿床变质作用程度：来自石榴子石的制约
Constraints of Garnets on the Metamorphic Degree of Sedimentary Metamorphic Iron Deposit in the Qian'an-Luanxian Area, East Hebei Province



中国冶金地质总局
中国地质学会

主办

GEOLOGY AND EXPLORATION

Vol. 50, No. 5 September, 2014

Contents

METAL ORE DEPOSITS

- Discovery and of Jinningian Granitic Ultramylonite in Jinshan Gold Deposit, Dexing Area, Jiangxi Province its
Significance Zhao Yuan - yi, Li Xiao - sai, Wu De - xin, Xu Hong, Sha Jun - sheng(0805)
- Geological and Elemental Geochemical Characteristics of the Ore Vein No. 1 in the Ciweigou Gold Deposit,
Yanbian area and their Exploration Significance
..... Zou Xin - tong, Ren Yun - sheng, Wang Chao, Hou He - nan, Hao Yu - jie(0823)
- Zircon Fission Track dating Evidence for Tectonic Events in the Hariza Polymetallic Ore District, Eastern
Kunlun Mountains, Qinghai - Tibet Plateau Tian Cheng - sheng, Zhang Ai - kui,
Yuan Wan - ming, Feng Yun - lei, Cao Jian - hui, Zhang Li - ting, Cheng Xue - qin,
Chen Xiao - ning, Duan Hong - wei, Wang Wei, Hao Na - na, Ma Zhong - yuan(0833)
- Geological Characteristics and Ore - Forming Material Sources of the Shuicaogou Copper Deposit in the
Jianshui area of Yunnan Province
..... Liu Jun - gang, Zhang Bao - lin, Shen Xiao - li, Hai Lian - fu, Liu Rui - lin(0840)
- Geological Characteristics and Genesis of the Najihe Pb - Zn - Ag Deposit in Elunchun County, Inner
Mongolia Province Wu De - cheng, Liu Xiao - qing(0855)
- A Further Discussion on the genesis of the Jingtieshan Iron Ore Deposit in Gansu Province
Guo Shao - feng, Han Jun, Sui Xin - xin, Fei Shu - min, Liu Xin - yu, Chen Chun - lei, Li Yue - hui(0864)
- Characteristics of Cryptoexplosive Breccias in the Zhengguang Gold Deposit of Heilongjiang Province and
Their Geological Implications
..... Gao Rong - zhen, Lv Xin - biao, Yang Yong - sheng, Li chun - cheng(0874)
- Progress and Examples of Three - dimensional Geological Mapping in Australia
..... Chen Ying - jun, Yan Jia - yong(0884)
- Discovery of A New Type of Weathering Crust Ion Adsorption Type Rare - earth Deposit in the
Heshagntian Ore District of Guagndong Province and its Significance
..... Huang Hua - gu, Hu Qi - feng, Cheng Liang - kai, Luo Zi - sheng(0893)
- Metallogenic Rules of Copper Deposits in the Wudang - Tongbai - Dabie Metallogenic Belt
..... Gong Yin - jie, Peng San - guo, Zhu Jiang, Qiu Xiao - fei, Li Wei - dong(0902)
- A Metallogenic Prediction Model Based on GIS Technique and Comprehensive Information for the Tongshi
Gold Ore Field in Western Shandong Province Si Rong - jun,
Mao Guang - yu, Xiang Zhong - lin , Gan Yan - jing, Du Xian - biao, Liu Bang - jun(0910)
- The Metallogenic Type of the Xiaohuli Shan Molybdenum Polymetallic Ore Deposit in the Beishan Area,
Inner Mongolia and Prospecting Direction Wang Ji - chun,
Xiao Rong - ge, Wang Jing - fan, Li Chao, Xu Yong - wang, Liu Yang(0921)
- Discovery of the Large Concealed Pb - Zn Deposit in the Guojiagou Ore District and Its Geological
Significance Wang Xiao - guo,
Yang Wu - ping, Xie Jian - jun, Bian Xiang - hui, Xi Zhen - zhu, Long Xia(0932)

Constrains of Garnets on the Metamorphic Degree of Sedimentary Metamorphic Iron Deposit in the
 Qian,an – Luanxian Area, East Hebei Province Zhang Long – fei,
 Xu Ying – xia, Gao Xiao – min, Li Hou – min, Li Li – xing, Jia Dong – suo(0938)

GEOCHEMISTRY

Characteristics of Stable Isotopes S, Pb, O, and H isotopes in the Yaogangxian Tungsten Deposits, Hunan
 Province Zhu Xin – you,
 Wang Jin – bin, Wang Yan – li, Cheng Xi – yin, Fu Qi – bin, Fu Mi, Yu Zhi – feng(0947)

GEOPHISICS

The Genesis for Anomalous Values of K from Gamma – Ray Spectrometric Survey in the Hetai Gold Deposit
 Zhu Jiang – jian, Lin Ge, Zeng Qiao – song, Gong Gui – lun, Liu Bin,Zhang Jing(0961)
 The Differential Evolution Algorithm in Geophysical Inversion
 Wang Tian – yi, Yang Jin, Yan Ting – jie, Liu Guo – hui(0971)
 Application of the High – Precision Magnetic Technique to Exploration in the Xicheng Lead – Zinc Deposit,
 Gansu Province Chen Jing,Wang Wan – yin,Li Zeng – tao,Tan Ying – fan,Wang Guo – dong(0976)
 Two – Dimensional Numerical Simulation and Application of the High – Intensity Resistivity Method
 Jin Cong, Liu Jiang – ping(0984)

HYDROLOGY, ENGINEERING AND ENVIRONMENT

Research Progress and Directions of the Anti – high Temperature Foam Drilling Fluid
 Dong Hai – yan, Shan Wen – jun, Li Yan – ning, Yue Wei – min, Zhao Zhi – tao(0991)

PETROLEUM RESOURCES

Provenance of the Permian Shanxi Formation 1st Member and Shihezi Formation 8th Member in the Yanchi
 Area, West of Ordos Basin Wang xing – zhi, Lin Gang, Yao Jing – li, Liu Xin – she, Xie Lin(0997)

地质与勘探

2014 年 9 月 第 50 卷 第 5 期

目 录

金属矿产

- 江西德兴金山金矿晋宁期花岗质超糜棱岩的发现及意义 赵元艺, 李小赛, 吴德新, 许 虹, 沙俊生 (0805)
- 延边刺猬沟金矿 I 号矿脉地质与元素地球化学特征及其找矿意义
..... 邹欣桐, 任云生, 王 超, 侯鹤楠, 郝宇杰 (0823)
- 青海东昆仑哈日扎多金属矿区构造活动的锆石裂变径迹定年分析
..... 田承盛, 张爱奎, 袁万明, 冯云磊, 曹建辉, 张丽婷, 程学芹, 陈小宁, 段宏伟, 王 威, 郝娜娜, 马忠元 (0833)
- 云南建水水草冲铜矿床地质特征及成矿物质来源 刘军港, 张宝林, 沈晓丽, 海连富, 刘瑞麟 (0840)
- 内蒙古鄂伦春旗那吉河铅锌银矿床地质特征及成因 吴德成, 刘清清 (0855)
- 再论甘肃镜铁山铁矿成因 郭少丰, 韩 军, 随新新, 费书民, 刘新宇, 陈春雷, 李跃辉 (0864)
- 黑龙江争光金矿床隐爆角砾岩特征及其地质意义 高荣臻, 吕新彪, 杨永胜, 李春诚 (0874)
- 澳大利亚三维地质填图进展与实例 陈应军, 严加永 (0884)
- 广东禾尚田矿区新类型风化壳离子吸附型稀土矿的发现及意义 黄华谷, 胡启锋, 程亮开, 罗子声 (0893)
- 武当-桐柏-大别成矿带铜矿成矿规律 龚银杰, 彭三国, 朱 江, 邱啸飞, 李卫东 (0902)
- 基于 GIS 技术的鲁西铜石金矿聚集区综合信息成矿预测模型
..... 司荣军, 毛广钰, 向中林, 甘延景, 杜显彪, 刘邦君 (0910)
- 北山地区小狐狸山钼多金属矿床成矿类型及找矿方向 王继春, 肖荣阁, 王兢繁, 李 超, 许永旺, 刘 洋 (0921)
- 郭家沟大型隐伏铅锌矿床的发现与意义 王孝国, 杨悟平, 谢建军, 边祥会, 席振铎, 龙 霞 (0932)
- 冀东迁滦地区沉积变质型铁矿床变质作用程度: 来自石榴子石的制约
..... 张龙飞, 许英霞, 高孝敏, 李厚民, 李立兴, 贾东锁 (0938)

地球化学

- 湖南瑶岗仙钨矿稳定同位素地球化学研究 祝新友, 王京彬, 王艳丽, 程细音, 傅其斌, 傅 迷, 于志峰 (0947)

地球物理

- 河台金矿伽马能谱 K 异常成因探讨 朱江建, 林 舸, 曾乔松, 龚贵伦, 刘 彬, 张 婧 (0961)
- 地球物理反演中的差分进化算法 王天意, 杨 进, 顾廷杰, 刘国辉 (0971)
- 高精度磁测技术在甘肃西成铅锌矿勘探中的应用 陈 靖, 王万银, 李增涛, 谈应范, 王国栋 (0976)
- 二维高密度电阻率法数值模拟与应用 金 聪, 刘江平 (0984)

水文、工程、环境

- 耐高温泡沫钻井液技术研究概况及研究方向探讨 董海燕, 单文军, 李艳宁, 岳伟民, 赵志涛 (0991)

油气资源

- 鄂尔多斯盆地盐池地区二叠系山 1-盒 8 段物源分析 王兴志, 林 刚, 姚泾利, 刘新社, 谢 林 (0997)

《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 Ziguo	锯宜太 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 Ziguo	侯增谦 HOU Zengqian
胡瑞忠 HU Ruizhong	华宣奎 HUA Xuankui	锯宜太 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	V.I.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 Shushi	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

中国地质学会

承 办 中国冶金地质总局矿产资源研究院

编辑出版 《地质与勘探》编辑部

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

邮 编 101300

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

英文审译 高祥林

美术编辑 王寒梅

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 国内外公开发刊

Managed by

Sponsored by

Operated by

Edited and Published by

Post code

Tel

Fax

Email

Http

Editor in Chief

Executive Editor in Chief

Associate Editor in Chief

Editor

English Consultant

Art Editor

Printed by

Distributed by

Distributed abroad by

Subscription handled by

China Iron and Steel Association

China Metallurgical Geology Bureau (CMGB)

Geological Society of China

Institute of Mineral Resources Research, CMGB

GEOLOGY AND EXPLORATION Editorial Board

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

No. 2 Airport East Road, Shunyi District, Beijing, P.R. China

101300

010 - 53296110 53296111

010 - 53296000

dzykt@vip.sina.com

www.dzykt.com

Lu Jin

Sun He

Wang Mei

Hao Qingqing

Gao Xianglin

Wang Hanmei

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

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



定价: 45.00元