

目 次

物 探 与 化 探

WUTAN YU HUATAN

ISSN 1000 - 8918

CN11 - 1906/P

(双月刊)

第 35 卷 第 6 期

2011 年 12 月 出版

1979 年 2 月 创刊

《中文核心期刊要目总览》入编期刊

《中国科学引文数据库》(CSCD) 来源期刊

《中国学术期刊综合评价数据库》(CAJCED) 来源期刊

《中国科技论文统计源期刊》数据库来源期刊

《中文科技期刊数据库》来源期刊

《万方数据 - 数字化期刊群》入网期刊

《中国期刊全文数据库》(CJFD) 全文收录期刊

《中国学术期刊(光盘版)》入编期刊

《中文电子期刊服务资料库》(CEPS) 收录期刊

美国《化学文摘》(CA) 来源期刊

俄罗斯《文摘杂志》(PK) 来源期刊

美国《地质光盘数据库》(GeoRef) 收录期刊

主 编 熊盛青

责任编辑 李 颖

主 管 国土资源部

主 办 中国国土资源航空物探遥感中心

编 辑 《物探与化探》编辑部

地址:北京学院路 29 号航遥中心

邮编:100083

电话:(010)62060192;62060193

传真:(010)62060193

E-mail:whbjb@sina.com

http://www.wutanyuhuatian.com

出 版 地质出版社

印 刷 北京印刷学院实习工厂

国 内 总 发 行 北京市邮政局

国 外 总 发 行 中国国际图书贸易总公司
(北京 399 信箱)

国外发行代号 BM5551

订 阅 全国各地邮局

广 告 证 京海工商广字第 0333 号

刊 名 题 字 孙大光

封面照片供稿 焦恩富

资源勘查

- 全国尾矿地球化学调查:需求及工作思路 张学君,孙彬彬,程志中,等 (715)

- 云南省惠民铁矿床地球物理找矿模型及资源量估算 杨功,李开毕,陈元坤 (718)

- 罕达盖砂卡岩型铁铜矿体与围岩稀土元素地球化学特征 唐世新,马生明,朱立新,等 (727)

- 沟系土壤地球化学测量在内乡韭菜沟矿区勘查中的应用 王小高,贺笑余,陈鹏,等 (733)

- 电、磁综合方法在南方硬岩型铀矿勘查中的应用 刘祜,程纪星,腰善丛,等 (739)

- 广域电磁法深部找矿实验效果 朱裕振,许聪悦 (743)

- 老挝 NM 地区地球物理勘查效果 贾润幸,陈贤武,罗发科,等 (747)

- CSAMT 在福建贵安地热勘查中的应用 邓国泉,程云涛 (751)

- EH4 电磁系统在西南抗旱救灾找水中的应用 杨剑,王永华,焦彦杰,等 (754)

区域地质调查

- 河北省冀西面和深部构造与矿集区的关系 刘俊长,龚红蕾,刘军恒 (758)

- 道朗和都格地区重磁场特征与找矿远景区 邹振华,张凤旭,吴燕冈 (762)

- 青海格尔木红石山地区水系沉积物测量异常特征及优找选矿靶区

- 张辉善,张杰,史俊波,等 (768)

- 连续电磁剖面法在赛什腾山前逆掩推覆构造识别中的应用 李耀华,杨进,陈迎宾 (773)

- 李耀华,杨进,陈迎宾 (773)

方法技术研究

- 局部波数在磁异常解释应用中的方法技术 崔莉,王万银 (779)

- 地表一致性静校正量误差分析 尹奇峰,潘冬明,夏暖,等 (785)

- 退火遗传算法在剩余静校正中的应用 何超群,王卿,张品,等 (789)

- 基于模拟退火法的弯曲射线追踪 周竹生,谢金伟 (793)

- 几种叠前深度偏移技术效果的对比 黄元溢,罗仁泽,王进海,等 (798)

- 利用地质统计学反演进行薄砂体储层预测 何火华,李少华,杜家元,等 (804)

- CSAMT 法在实际应用中的若干问题 许广春 (809)

- 重复中位数估计 Robust 算法在长周期大地电磁中的应用 张刚,王绪本,张伟,等 (813)

- 地气(氯气)测量方法寻找隐伏含矿断裂试验 陈希泉,陈颉,罗先熔,等 (817)

- 超高密度电阻率法在岩溶及破碎带探测中的应用 胡树林,陈烜,帅恩华 (821)

- 海底沉积物酸解样分析方法 贺行良,朱志刚,张媛媛 (825)

生态环境地质调查

- 奉节脐橙种植区土壤地球化学特征 栾进华,程军,王伟,等 (829)

- 唐山市区近地表降尘重金属的分布特征及成因 陈智贤,栾文楼 (833)

计算技术与信息处理

- 非地震地球物理软件发展现状与趋势 王林飞,熊盛青,何辉,等 (837)

- 核磁共振 T_2 谱反演影响因素 葛成,郭新军,赵海波,等 (845)

- 基于静态小波变换的趋势面构造 蒋开明,顾民,葛良全,等 (848)

- 深入解析 SEGY 格式地震数据转化的精度问题 詹泽东,胥德平,吴海洋,等 (851)

- 气煤孔隙度与 Thomsen 各向异性参数高阶交错网格数值模拟 李东会,董守华,赵小翠,等 (855)

- 时间域拉东变换的实现及其改进 王跃,许庆国 (860)

- 《物探与化探》2011 年总目录 (i)

GEOPHYSICAL AND GEOCHEMICAL EXPLORATION

Vol. 35 , No. 6

CONTENTS

Nationwide Geochemical Survey of Mine Tailings: Demands and Ideas	ZHANG Xue-jun, SUN Bin-bin, CHENG Zhi-zhong, et al	(715)
Geophysical Ore-Prospecting Model and Resource Estimation of the Huimin Iron Deposit in Lancang County, Yunnan Province	YANG Gong, LI Kai-bi, CHEN Yuan-kun	(718)
REE Geochemical Characteristics of the Handagai Skarn-type Iron-Copper Ore Body and Wall Rocks	TANG Shi-xin, MA Sheng-ming, ZHU Li-xin, et al	(727)
The Application of Valley Soil Geochemical Survey to the Jiucaigou Ore District in Neixiang	WANG Xiao-gao, HE Xiao-yu, CHEN Peng,	(733)
The Application of Integrated Geophysical Methods Composed of AMT and Magnetic Survey to the Exploration of Hard Rock-Hosted Uranium Deposits in Southern China	LIU Hu, CHENG Ji-xing, YAO Shan-cong, et al	(739)
The Experimental Application of Wider Field Electromagnetic Method to the Prospecting for Deep Ore Deposits	ZHU Yu-zhen, XU Cong-yue	(743)
The Application Effect of Geophysical Methods in NM Area of Laos	JIA Run-xing, CHEN Xian-wu, LUO Fa-ke, et al	(747)
The Application of CSAMT to the Exploration of Geothermal Resources in GuiAn, Fujian Province	DENG Guo-quan, CHENG Yun-tao	(751)
The Application of EH4 Electromagnetism to Water Resource Exploration and Drought Resistance in Southwest China	YANG Jian, WANG Yong-hua, JIAO Yan-jie, et al	(754)
The Relationship of the Moho and the Deep-Seated Structure to Ore Concentration Areas in Hebei Province	LIU Jun-zhang, GONG Hong-lei, LIU Jun-heng	(758)
Gravity and Magnetic Field Characteristics and Ore-search Prospect Districts in Daolang and Duge Area	TAI Zhen-hua, ZHANG Feng-xu, WU Yan-gang	(762)
Anomaly Characteristics of Stream Sediment Survey in Hongshishan Area of Golmud, Qinghai Province, and the Optimization of Prospecting Target Areas	ZHANG Hui-shan, ZHANG Jie, SHI Jun-bo, et al	(768)
The Application of CEMP Method to Identifying Overthrust Nappe Structure in Front of the Saishiteng Mountain	LI Yao-hua, YANG Jin, CHEN Ying-bin	(773)
The Technique for Application of Local Wavenumber to Magnetic Interpretation	CUI Li, WANG Wan-yin	(779)
An Analysis of Surface Consistency Static Error	YIN Qi-feng, PAN Dong-ming, XIA Nuan, et al	(785)
The Application of Annealing Genetic Algorithms to Residual Statics Correction	HE Chao-qun, WANG Qing, ZHANG Pin, et al	(789)
Bending Ray-Tracing Based on Simulated Annealing Method	ZHOU Zhu-Sheng, XIE Jin-Wei	(793)
A Comparison of the Application Effects of Several Prestack Depth Migration Techniques	HUANG Yuan-yi, LUO Ren-ze, WANG Jin-hai, et al	(798)
The Application of Geostatistic Inversion Method to Predicting the Thin Sandstone Reservoir	HE Huo-hua, LI Shao-hua, DU Jia-yuan, et al	(804)
A Discussion on Some Problems Concerning Practical Application of CSAMT Method	XU Guang-chun	(809)
The Application of Robust Algorithm Based on Repeated Median Estimator in the Long-Period Magnetotelluric Survey	ZHANG Gang, WANG Xu-ben, ZHANG Wei, et al	(813)
The Tentative Application of the Geogas (Radon) Measuring Method to the Prospecting for Concealed Ore-Bearing Fractures	CHEN Xi-quan, CHEN Jie, LUO Xian-rong, et al	(817)
The Application of the Ultra-High Density Resistivity Method to the Investigation of Karst Caves and Fracture Zones	HU Shu-lin, CHEN Xuan, SHUAI En-hua	(821)
The Analytical Method for Acidolysis Hydrocarbons in Marine Sediments	HE Xing-liang, ZHU Zhi-gang, ZHANG Yuan-yuan	(825)
Soil Geochemistry of the Growing Area of Fengjie Navel Orange	LUAN Jin-hua, CHENG Jun, WANG Wei, et al	(829)
Distribution Characteristics and Genetic Analysis of Heavy Metals in Near-Surface Atmospheric Dustfall in Tangshan	CHEN Zhi-xian, LUAN Wen-lou	(833)
Current Status and Future Trends of Non-Seismic Geophysical Software	WANG Lin-fei, XIONG Sheng-qing, HE Hui, et al	(837)
Factors Influencing Spectrum Inversion from NMR Data	GE Cheng, GUO Xin-jun, ZHAO Hai-bo, et al	(845)
The Construction Method of Trend Surface Based on Static Wavelet Transformation	JIANG Kai-Ming, GU Min, GE Liang-quan, et al	(848)
Deep Analysis About Accuracy Problem for SEGY Format Conversion of Seismic Data	ZHAN Ze-dong, XU De-ping, WU Hai-yang, et al	(851)
Numerical Simulation With Staggered Grid High-Order Difference Method for Porosity and Thomsen Anisotropic Coefficients of Gas Coal	LI Dong-hui, DONG Shou-hua, ZHAO Xiao-cui, et al	(855)
The Implementation and Improvement of the Time Domain Radon Transformation	WANG Yue, XU Qing-guo	(860)

Edited by

Editorial Office of Geophysical and Geochemical Exploration

(China Aero Geophysical Survey and Remote Sensing Center for Land and Resources,
29 College Road, Beijing, China, 100083)

Published by

Geological Publishing House (Beijing, China, 100083)