

中国科学引文数据库(CSCD)来源期刊

中文核心期刊

中国科技核心期刊

地质科技情报

2015年 第34卷 第6期

(总第165期)

(卷终)

(国内外公开发行人,双月刊)

2015年11月出版

理事单位

(排名不分先后)

湖北省地质调查院

湖北省页岩气开发有限公司

中国石化江汉油田分公司勘探开发研究院

广东省地质局

贵州省地质调查院

广东省地质调查院

深圳市市政设计研究院有限公司

目次

· 沉积矿产专栏 ·

Rodinia 超大陆裂解、Sturtian 冰期事件和扬子地块东南缘

大规模锰成矿作用 杜远生, 周琦, 余文超,

王萍, 袁良军, 齐靓, 郭华, 徐源(1)

黔东松桃西溪堡南华系大塘坡组超大型锰矿床地质特征与

找矿预测 张遂, 周琦, 张平壹, 沈红钱, 杜远生(8)

黔中地区震旦纪含磷岩系时空变化及沉积模式 陈国勇,

杜远生, 张亚冠, 陈庆刚, 范玉梅, 王泽鹏, 谭华(17)

音频大地电磁法对深部隐伏构造的识别与应用:以贵州省

松桃县李家湾锰矿为例 杨炳南, 周琦, 杜远生,

胡祥云, 谢小峰, 沈小庆, 朱大伟, 王家俊(26)

犁式正断层特征及其在找矿预测中的作用:以黔东松桃西溪堡

大型锰矿床为例 谢小峰, 杨坤光, 周琦,

杜远生, 王佳武, 蒋天锐, 杨炳南(33)

黔东松桃大塘坡地区南华系大塘坡组锰矿相带及分布规律

..... 刘雨, 周琦, 袁良军, 潘文, 张遂,

余文超, 王萍, 徐源, 洪万华(40)

黔东南华纪铁丝坳期—大塘坡期古气候的演变:来自 CIA 的

证据 齐靓, 余文超, 杜远生,

周琦, 郭华, 王佳武, 王萍, 徐源(47)

· 基础地质 ·

辽东湾拗陷东部新生代构造发育与成因机制

..... 李伟, 任健, 刘一鸣, 李春锐(58)

煤系烃源岩与石英次生加大边的形成机理探讨:以鄂尔多斯

盆地东部山西组为例 李艳霞, 张华, 田毓峰(65)

云南文山小平坝矿区花岗岩地球化学特征及成因探讨

..... 赵献昆, 李峰, 坚润堂(70)

川东卧龙河地区长兴晚期自然伽马异常及其环境启示意义

..... 杜翔, 张廷山, 杨巍(79)

右江盆地二叠纪末深水相无脊椎动物凉水分子的发现及其

地质意义 陈斌, 杨廷禄, 吴会婷, 陈冰(86)

洛阳龙门地区寒武系第三统张夏组碳酸盐岩风暴沉积类型及

遗迹化石特征 郑伟, 孙长彦, 白万备,

齐永安, 姚倩, 王敏, 李娟(92)

· 矿产地质 ·

青海大场金矿床地质地球化学找矿模型

…………… 翟玉林, 魏俊浩, 李艳军, 王发明, 李 鹏, 王 文, 李 翔, 柯坤家(100)

川东南地区志留系龙马溪组页岩孔隙结构特征

…………… 徐 勇, 吕成福, 陈国俊, 杨 巍, 仲佳爱, 薛莲花, 沈怀磊(108)

塔里木盆地塔中—古城地区寒武系沉积体系发育特征与演化

…………… 王 坤, 刘 伟, 黄擎宇, 石书缘, 马 奎, 梁东星(116)

昆北油田切六区路乐河组储层连通性研究 …………… 郭建洪, 牟中海, 魏成章, 李晓茹, 李鹏真,

丁 扬, 陈 袁, 苏 秋, 徐 乐, 赵文凯, 贾凤娟(125)

渤海海域渤东凹陷烃源岩特征与勘探潜力 …………… 李宏义, 刘丽芳, 吴克强, 杜宏宇, 林 青(131)

泌阳凹陷古近系核三段页岩层有机质富集规律 …………… 尚 飞, 刘峥君, 解习农, 陈 慧, 黄亚浩(136)

西峰油田长 8 油藏致密油层与非油层注水差异性实验 …………… 高永利(142)

东非大陆边缘构造演化与油气成藏模式探析 …………… 于 璇, 侯贵廷, 代双河, 韩宇春, 谢结来(147)

不同渗透率油藏储层应力敏感性实验研究 …………… 董利飞, 岳湘安, 徐 星, 苏 群, 宋伟新(155)

中国海相层系油气成藏过程与储层沥青耦合关系:以四川盆地为例

…………… 黄文明, 徐邱康, 刘树根, 曾东方, 郑荣才, 马文辛(159)

· 水文地质 ·

高氟孔隙地下水地球化学成因:以山西东山调水工程区为例 …… 邓安利, 王敏黛, 王 帅, 郭清海(169)

我国干热岩资源潜力区深部热结构 …………… 马 峰, 蔺文静, 郎旭娟, 朱 喜, 王贵玲(176)

鲁东地热区氡同位素特征及地热水补给来源 …………… 田 禹(182)

库岸滑坡地下水位时间序列混沌特征识别与 PSO-LSSVM 模型预测

…………… 黄发明, 殷坤龙, 何 涛, 孟颂颂(186)

· 技术方法 ·

火山岩体围岩隧道断层带涌水量计算方法综合研究:以青云山隧道为例

…………… 成建梅, 罗 伟, 徐子东, 胡学夫(193)

青藏高原班公错与达则错水温时间序列分形特征 …… 肖 宇, 谢淑云, 王明达, 贺 跃, 侯居峙(200)

渤海海域中生界火成岩岩性测井识别技术及应用 …………… 韦阿娟(207)

东北界河河岸稳定性评价:以乌苏里江饶河段为例 …… 孟令辉, 董玉森, 陈伟涛, 李显巨, 孙 攀(214)

高温高压欠压实地层烃类检测方法研究:以莺歌海盆地东方 X 区为例

…………… 马光克, 李 芳, 周家雄, 刘 巍, 孙月成(221)

一种识别异常中子、密度孔隙度测井曲线新方法:以中东 W 油田 Mishrif 储层为例

…………… 方鑫鑫, 田中元, 郭 伟, 邓 亚(226)

基于三维地质模型的勘探剖面图快速动态绘制 …………… 张军强, 吴冲龙, 刘 刚, 吴 勇(230)

《地质科技情报》2015 年(第 34 卷)总目次 …………… (I)

主 编:姚书振

副 主 编:杨 勇

责任编辑:刘江霞 杨 勇 禹华珍

英文审稿:葛亚非

绘 图:何建华

期刊基本参数:CN42-1240/P*1982*b*A4*234*zh*P*¥25.00*1000*34*2015-11

GEOLOGICAL SCIENCE AND TECHNOLOGY INFORMATION

(Bimonthly)

Vol. 34 No. 6 Nov. 2015

CONTENTS

- Linking the Cryogenian Manganese Metallogenic Process in the Southeast Margin of Yangtze Block to Break-up of Rodinia Supercontinent and Sturtian Glaciation *Du Yuansheng, Zhou Qi, Yu Wenchao, Wang Ping, Yuan Liangjun, Qi Liang, Guo Hua, Xu Yuan* (1)
- Geological Characteristics and Prospecting Prediction of Xixibao Super-large Manganese Deposit in Songtao, Eastern Guizhou ... *Zhang Sui, Zhou Qi, Zhang Pingyi, Shen Hongqian, Du Yuansheng* (8)
- Spatial and Temporal Variation and Mineralization Model of the Sinian Phosphorus-bearing Sequences in Central Guizhou Province *Chen Guoyong, Du Yuansheng, Zhang Yaguan, Chen Qinggang, Fan Yumei, Wang Zepeng, Tan Hua* (17)
- Identification and Application of Audio Magnetotellurics to the Deep Buried Structure: A Case Study of Lijiawan Manganese Deposit at Songtao County in Guizhou Province *Yang Bingnan, Zhou Qi, Du Yuansheng, Hu Xiangyun, Xie Xiaofeng, Sheng Xiaoping, Zhu Dawei, Wang Jiajun* (26)
- Characteristics of Listric Normal Fault and Its Role in Prospecting Prediction: An Example from Xixibao Large Manganese Deposit, Songtao County, East of Guizhou Province *Xie Xiaofeng, Yang Kunguang, Zhou Qi, Du Yuansheng, Wang Jiawu, Jiang Tianrui, Yang Bingnan* (33)
- Manganese Ore Phase and Distribution of Nanhua Datangpo Formation in Datangpo Area, Songtao, East Guizhou *Liu Yu, Zhou Qi, Yuan Liangjun, Pan Wen, Zhang Sui, Yu Wenchao, Wang Ping, Xu Yuan, Hong Wanhua* (40)
- Paleoclimate Evolution of the Cryogenian Tiesi'ao Formation-Datangpo Formation in Eastern Guizhou Province: Evidence from the Chemical Index of Alteration *Qi Liang, Yu Wenchao, Du Yuansheng, Zhou Qi, Guo Hua, Wang Jiawu, Wang Ping, Xu Yuan* (47)
- Development and Formation Mechanism of Cenozoic Tectonics in the East Area of Liaodong Bay Depression *Li Wei, Ren Jian, Liu Yiming, Li Chunrui* (58)
- Formation Mechanism of Coal Source Rocks and Quartz Overgrowths: An Example of Shanxi Formation in Eastern Ordos Basin *Li Yanxia, Zhang Hua, Tian Yufeng* (65)
- Geochemical Characteristics of Granite in the Xiaopingba Deposit of Wenshan, Yunnan Province and Its Implications for Petrogenesis *Zhao Xiankun, Li Feng, Jian Runtang* (70)
- Natural Gamma-Ray Anomaly and Environmental Implication in Late Changhsingian, Wulonghe Area, Eastern Sichuan Basin *Du Xiang, Zhang Tingshan, Yang Wei* (79)
- Discovery of Cool-Water Deep-Water Facies Invertebrates of the Latest Permian from Youjiang Basin, South China and the Geological Significance *Chen Bin, Yang Tinglu, Wu Huiting, Chen Bing* (86)
- Types of Storm Deposit Sequence of Carbonates and Characteristics of Trace Fossils in Zhangxia Formation of 3rd Epoch of Carbonates in Longmen, Luoyang Region *Zheng Wei, Sun Changyan, Bai Wanbei, Qi yongan, Yao Qian, Wang Min, Li Da* (92)
- Geological and Geochemical Prospecting Model of the Dachang Gold Deposit, Qinghai Province ... *Zhai Yulin, Wei Junhao, Li Yanjun, Wang Faming, Li Peng, Wang Wen, Li Xiang, Ke Kunjia* (100)
- Pore Structure Characteristics in the Organic-Rich Shale of the Silurian Longmaxi Formation in the Southeast Sichuan Basin *Xu Yong, Lü Chengfu, Chen Guojun, Yang Wei, Zhong Jia'ai, Xue Lianhua, Shen Huailei* (108)

- Development Characteristics and Evolution of the Cambrian Sedimentary System in Tazhong and Gucheng Area, Tarim Basin... *Wang Kun, Liu Wei, Huang Qingyu, Shi Shuyuan, Ma Kui, Liang Dongxing* (116)
- Reservoir Connectivity in the Lulehe Formation of the Qie-6 Block of Kunbei Oilfield
..... *Guo Jianhong, Mu Zhonghai, Wei Chengzhang, Li Xiaoru, Li Pengzhen, Ding Yang, Chen Yuan, Su Qiu, Xu Le, Zhao Wenkai, Jia Fengjuan* (125)
- Characteristics of Source Rocks and Exploration Potential in Bodong Sag, Bohai Sea Area
..... *Li Hongyi, Liu Lifang, Wu Keqiang, Du Hongyu, Lin Qing* (131)
- Enrichment Characteristics of Organic Matter of Shale Series in He-3 Member of Paleogene Hetaoyuan Formation, Biyang Depression ... *Shang Fei, Liu Zhengjun, Xie Xinong, Chen Hui, Huang Yahao* (136)
- Experimental Study on Water Injection Response Differences Between Oil and Non-Oil Formations of Chang-8 Tight Oil Reservoir of Xifeng Oilfield *Gao Yongli* (142)
- Tectonic Evolution and Hydrocarbon Pooling Patterns Analysis in East Africa Continental Margin
..... *Yu Xuan, Hou Guiting, Dai Shuanghe, Han Yuchun, Xie Jiulai* (147)
- Experimental Study on the Stress Sensitivity in Different Permeability Reservoirs
..... *Dong Lifei, Yue Xiang'an, Xu Xing, Su Qun, Song Weixin* (155)
- Coupling Relationship Between Oil&Gas Accumulation Process and Reservoir Bitumen of Marine System: Taking Sichuan Basin as An Example
..... *Huang Wenming, Xiu Qiukang, Liu Shugen, Zeng Dongfang, Zheng Rongcai, Ma Wenxin* (159)
- Geochemical Genesis of High-Fluoride Groundwater: A Case Study in the Import Region of the Dongshan Water Transfer Project, Shanxi Province *Deng Anli, Wang Mindai, Wang Shuai, Guo Qinghai* (169)
- Deep Geothermal Structures of Potential Hot Dry Rock Resources Area in China
..... *Ma Feng, Lin Wenjing, Lang Xujuan, Zhu Xi, Wang Guiling* (176)
- Features of Hydrogen and Oxygen Isotopes and the Make-up Source for Geothermal Water in East Shandong Geothermal Area *Tian Yu* (182)
- Chaotic Characteristics Identification and Prediction Using PSO-LSSVM Model of Reservoir Landslide Groundwater Level Time Series *Huang Faming, Yin Kunlong, He Tao, Meng Songsong* (186)
- Calculation Method for Water Inflow of Typical Fault Zone in Volcanic Rock Tunnel: Case Study of Qingyunshan Tunnel *Cheng Jianmei, Luo Wei, Xu Zidong, Hu Xuefu* (193)
- Characteristics of Water Temperature Based on Fractal and R/S Method in Bangong Co and Dagze Co
..... *Xiao Yu, Xie Shuyun, Wang Mingda, He Yue, Hou Juzhi* (200)
- Well-Logging Identification Technique and Its Application in Mesozoic Igneous Rocks in Bohai Sea Area
..... *Wei Ajuan* (207)
- Stability Evaluation of Northeast China Border Riverbank: A Case Study in Raohe Area of Ussuri River
..... *Meng Linghui, Dong Yusen, Chen Weitao, Li Xianju, Sun Pan* (214)
- Hydrocarbon Detection for High Temperature and High Pressure Undercompacted Formation: A Case Study of Dongfang X District in Yinggehai Basin
..... *Ma Guangke, Li Fang, Zhou Jiaxiong, Liu Wei, Sun Yuecheng* (221)
- A New Method for Identifying Abnormal Neutron and Density Logging Curves: An Example from Mishrif Reservoir in the Middle East W Oilfield *Fang Xinxin, Tian Zhongyuan, Guo Wei, Deng Ya* (226)
- Fast and Dynamic Method for Drawing Exploration Section Based on 3D Geological Model
..... *Zhang Junqiang, Wu Chonglong, Liu Gang, Wu Yong* (230)

Chief Editor: Yao Shuzhen

Deputy Chief Editor: Yang Yong

Executive Editors: Liu Jiangxia Yang Yong Yu Huazhen